

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

Command: swevents -p3 -doall -mpdf -eswe -b1.1.-12400 -n366732 -s0.5 -roundmin

Planetary Phenomena of Venus from -12400 through -11898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 2

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superior conj	-12395 Oct 17 j 06:15	1°Ω21'37	0°16'18	direct	-12392 Mar 25 j 06:15	5°♂24'19	
minimum elong	-12395 Oct 17 j 10:33	1°Ω34'51	0°16'46	greatest brilliancy	-12392 Apr 05 j 17:09	7°♂44'49	-4.8m
max. Earth dist.	-12395 Oct 21 j 10:44	6°Ω31'11	1.72913 AU	desc. node	-12392 Apr 10 j 16:10	10°♂01'03	
desc. node	-12395 Oct 24 j 13:06	10°Ω20'06			-12392 May 07 j 00:42	0°♂	
	-12395 Nov 09 j 13:04	0°♏		morning max el	-12392 May 14 j 07:53	7°♂02'39	46°32'20
evening rise	-12395 Nov 26 j 08:51	20°♏38'30			-12392 Jun 04 j 23:05	0°♏	
	-12395 Dec 04 j 00:06	0°♎			-12392 Jun 30 j 20:35	0°♏	
	-12395 Dec 28 j 12:09	0°♏			-12392 Jul 25 j 14:10	0°♏	
	-12394 Jan 22 j 02:34	0°♏		asc. node	-12392 Jul 30 j 16:25	6°♏16'08	
asc. node	-12394 Feb 12 j 14:37	26°♏00'29			-12392 Aug 18 j 20:18	0°♏	
	-12394 Feb 15 j 22:18	0°♂			-12392 Sep 11 j 23:54	0°♏	
	-12394 Mar 13 j 02:53	0°♏			-12392 Oct 06 j 05:59	0°♏	
	-12394 Apr 07 j 20:54	0°♏			-12392 Oct 30 j 16:10	0°Ω	
	-12394 May 04 j 15:28	0°♏		morning set	-12392 Nov 19 j 18:02	24°Ω32'50	
evening max el	-12394 May 22 j 23:38	19°♏12'48	47°36'12	desc. node	-12392 Nov 21 j 02:46	26°Ω12'47	
	-12394 Jun 03 j 05:32	0°♏			-12392 Nov 24 j 05:12	0°♏	
desc. node	-12394 Jun 06 j 10:44	2°♏53'07			-12392 Dec 18 j 18:27	0°♎	
greatest brilliancy	-12394 Jul 03 j 13:00	20°♏45'31	-4.9m	max. Earth dist.	-12392 Dec 25 j 20:47	8°♎41'09	1.73845 AU
retrograde	-12394 Jul 12 j 22:26	22°♏27'15					
evening set	-12394 Jul 30 j 16:42	16°♏19'11		superior conj	-12392 Dec 28 j 03:22	11°♎28'20	-1°09'05
min. Earth dist.	-12394 Aug 01 j 21:08	14°♏58'50	0.26801 AU	minimum elong	-12392 Dec 27 j 20:00	11°♎05'45	1°09'02
inferior conj	-12394 Aug 02 j 16:32	14°♏28'49	-8°45'18		-12391 Jan 12 j 05:46	0°♏	
minimum elong	-12394 Aug 02 j 17:54	14°♏26'41	8°44'46	evening rise	-12391 Feb 01 j 16:05	25°♏08'07	
morning rise	-12394 Aug 05 j 19:17	12°♏34'41		greatest brilliancy	-12391 Feb 04 j 06:31	28°♏20'31	-3.9m
direct	-12394 Aug 22 j 20:17	6°♏51'08			-12391 Feb 05 j 14:49	0°♏	
greatest brilliancy	-12394 Sep 01 j 10:04	8°♏37'50	-4.9m		-12391 Mar 01 j 22:55	0°♂	
asc. node	-12394 Sep 25 j 15:24	24°♏16'33		asc. node	-12391 Mar 12 j 01:46	12°♂27'58	
	-12394 Oct 02 j 01:18	0°♏			-12391 Mar 26 j 07:57	0°♏	
morning max el	-12394 Oct 11 j 20:43	9°♏27'42	46°17'59		-12391 Apr 19 j 19:28	0°♏	
	-12394 Oct 31 j 10:54	0°♏			-12391 May 14 j 11:11	0°♏	
	-12394 Nov 27 j 08:29	0°Ω			-12391 Jun 08 j 10:45	0°♏	
	-12394 Dec 23 j 10:24	0°♏		desc. node	-12391 Jul 03 j 20:16	29°♏41'16	
desc. node	-12393 Jan 17 j 04:34	29°♏00'37			-12391 Jul 04 j 02:49	0°♏	
	-12393 Jan 18 j 00:40	0°♎			-12391 Jul 31 j 11:18	0°♏	
	-12393 Feb 12 j 03:57	0°♏		evening max el	-12391 Aug 02 j 14:04	2°♏10'35	47°34'42
	-12393 Mar 08 j 20:19	0°♏			-12391 Sep 04 j 00:58	0°Ω	
	-12393 Apr 02 j 03:13	0°♂		greatest brilliancy	-12391 Sep 12 j 11:23	4°Ω13'14	-4.9m
morning set	-12393 Apr 07 j 14:53	6°♂49'50		retrograde	-12391 Sep 22 j 18:19	6°Ω15'56	
	-12393 Apr 26 j 03:16	0°♏		evening set	-12391 Oct 07 j 23:18	1°Ω31'05	
asc. node	-12393 May 08 j 00:51	14°♏57'39			-12391 Oct 10 j 11:17	30°♏	
max. Earth dist.	-12393 May 11 j 07:11	19°♏04'15	1.71248 AU	inferior conj	-12391 Oct 13 j 18:07	27°♏53'13	-2°11'32
				minimum elong	-12391 Oct 13 j 22:29	27°♏46'06	2°09'36
superior conj	-12393 May 13 j 20:59	22°♏18'52	0°13'33	min. Earth dist.	-12391 Oct 13 j 06:36	28°♏11'55	0.28135 AU
minimum elong	-12393 May 13 j 18:14	22°♏10'14	0°12'57	morning rise	-12391 Oct 19 j 22:31	24°♏03'37	
behind sun begin	-12393 May 13 j 04:03	21°♏25'32		asc. node	-12391 Oct 23 j 02:39	22°♏25'35	
behind sun end	-12393 May 14 j 08:26	22°♏54'56		direct	-12391 Nov 03 j 15:18	19°♏42'04	
	-12393 May 19 j 23:18	0°♏		greatest brilliancy	-12391 Nov 12 j 17:04	21°♏15'03	-4.8m
	-12393 Jun 12 j 17:54	0°♏			-12391 Nov 28 j 23:41	0°Ω	
evening rise	-12393 Jun 21 j 10:10	10°♏56'33		morning max el	-12391 Dec 22 j 11:59	19°Ω55'26	46°01'16
	-12393 Jul 06 j 13:30	0°♏			-12390 Jan 01 j 18:00	0°♏	
	-12393 Jul 30 j 12:18	0°♏			-12390 Jan 29 j 23:57	0°♎	
	-12393 Aug 23 j 16:10	0°♏		desc. node	-12390 Feb 13 j 18:10	16°♎32'18	
desc. node	-12393 Aug 29 j 14:49	7°♏20'00			-12390 Feb 25 j 11:37	0°♏	
	-12393 Sep 17 j 02:34	0°Ω			-12390 Mar 22 j 22:09	0°♏	
	-12393 Oct 11 j 21:45	0°♏			-12390 Apr 16 j 14:52	0°♂	
	-12393 Nov 06 j 07:31	0°♎			-12390 May 10 j 19:08	0°♏	
	-12393 Dec 02 j 23:34	0°♏			-12390 Jun 03 j 15:40	0°♏	
asc. node	-12393 Dec 18 j 20:37	16°♏33'24		asc. node	-12390 Jun 04 j 14:36	1°♏12'25	
evening max el	-12393 Dec 25 j 04:57	22°♏45'33	44°48'23	greatest brilliancy	-12390 Jun 05 j 01:24	1°♏46'31	-3.9m
	-12392 Jan 02 j 01:54	0°♏		morning set	-12390 Jun 16 j 19:31	16°♏38'33	
greatest brilliancy	-12392 Jan 31 j 18:02	19°♏39'37	-4.7m		-12390 Jun 27 j 08:37	0°♏	
retrograde	-12392 Feb 11 j 01:50	21°♏31'57			-12390 Jul 21 j 01:33	0°♏	
evening set	-12392 Feb 28 j 02:57	16°♏11'59					
inferior conj	-12392 Mar 03 j 09:07	13°♏39'31	7°13'07	superior conj	-12390 Jul 27 j 15:16	8°♏17'52	1°22'44
minimum elong	-12392 Mar 03 j 16:53	13°♏27'40	7°11'23	minimum elong	-12390 Jul 27 j 13:08	8°♏11'06	1°23'11
min. Earth dist.	-12392 Mar 04 j 16:19	12°♏51'54	0.28648 AU	max. Earth dist.	-12390 Aug 02 j 17:09	15°♏57'29	1.70941 AU
morning rise	-12392 Mar 08 j 06:17	10°♏44'16			-12390 Aug 13 j 21:15	0°♏	

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	-12390 Sep 06 j 21:31	0°☿			-12387 Jan 26 j 02:52	0°♊	
evening rise	-12390 Sep 09 j 00:03	2°☿37'07		morning max el	-12387 Mar 02 j 14:26	26°♊33'47	46°08'57
desc. node	-12390 Sep 26 j 02:36	23°☿49'07			-12387 Mar 06 j 04:01	0°♋	
	-12390 Oct 01 j 02:46	0°♌		desc. node	-12387 Mar 13 j 06:47	7°♋06'24	
	-12390 Oct 25 j 12:41	0°♍			-12387 Apr 03 j 16:28	0°♎	
	-12390 Nov 19 j 03:23	0°♏			-12387 Apr 29 j 18:25	0°♐	
	-12390 Dec 14 j 01:24	0°♑			-12387 May 24 j 15:38	0°♒	
	-12389 Jan 08 j 12:55	0°♓			-12387 Jun 17 j 20:52	0°♈	
asc. node	-12389 Jan 15 j 06:28	7°♓45'25		asc. node	-12387 Jul 02 j 04:40	17°♈57'58	
	-12389 Feb 04 j 01:52	0°♈			-12387 Jul 11 j 17:57	0°♉	
	-12389 Mar 04 j 21:07	0°♉			-12387 Aug 04 j 12:32	0°♊	
evening max el	-12389 Mar 07 j 17:28	2°♉44'08	45°43'58		-12387 Aug 28 j 08:53	0°♋	
	-12389 Apr 13 j 10:22	0°♌		morning set	-12387 Sep 02 j 08:37	6°♋14'56	
greatest brilliancy	-12389 Apr 16 j 05:36	1°♌03'16	-4.8m		-12387 Sep 21 j 09:35	0°♌	
retrograde	-12389 Apr 25 j 23:13	2°♌45'31					
	-12389 May 07 j 23:56	30°♍		superior conj	-12387 Oct 14 j 16:53	28°♍51'15	0°19'56
desc. node	-12389 May 09 j 03:00	29°♍28'59		minimum elong	-12387 Oct 14 j 22:05	29°♍07'19	0°20'22
evening set	-12389 May 10 j 09:02	28°♍52'10			-12387 Oct 15 j 15:10	0°♎	
inferior conj	-12389 May 16 j 19:38	25°♍16'00	-1°52'32	max. Earth dist.	-12387 Oct 19 j 03:56	4°♎21'18	1.72851 AU
minimum elong	-12389 May 16 j 15:23	25°♍22'15	1°51'41	desc. node	-12387 Oct 23 j 15:21	9°♎52'06	
min. Earth dist.	-12389 May 17 j 00:31	25°♍08'50	0.26548 AU		-12387 Nov 09 j 00:23	0°♏	
morning rise	-12389 May 22 j 21:02	21°♍50'14		evening rise	-12387 Nov 24 j 00:36	18°♏25'05	
direct	-12389 Jun 06 j 10:47	17°♍44'20			-12387 Dec 03 j 11:23	0°♐	
greatest brilliancy	-12389 Jun 17 j 18:00	20°♍05'28	-4.9m		-12387 Dec 27 j 23:34	0°♑	
	-12389 Jul 04 j 04:42	0°♒			-12386 Jan 21 j 14:19	0°♓	
morning max el	-12389 Jul 27 j 00:50	20°♒50'26	46°38'59	asc. node	-12386 Feb 11 j 16:55	25°♓30'27	
	-12389 Aug 04 j 18:25	0°♓			-12386 Feb 15 j 10:42	0°♈	
asc. node	-12389 Aug 28 j 05:40	26°♓19'03			-12386 Mar 12 j 16:20	0°♉	
	-12389 Aug 31 j 09:46	0°♈			-12386 Apr 07 j 12:11	0°♊	
	-12389 Sep 25 j 18:15	0°♉			-12386 May 04 j 10:26	0°♋	
	-12389 Oct 20 j 17:47	0°♊		evening max el	-12386 May 20 j 14:31	16°♋50'21	47°33'28
	-12389 Nov 14 j 16:13	0°♋			-12386 Jun 03 j 12:33	0°♌	
desc. node	-12389 Dec 09 j 14:43	0°♍		desc. node	-12386 Jun 05 j 12:51	1°♌45'23	
	-12389 Dec 19 j 16:40	12°♍08'52		greatest brilliancy	-12386 Jul 01 j 01:03	18°♌14'30	-4.9m
	-12388 Jan 03 j 11:07	0°♎		retrograde	-12386 Jul 10 j 11:49	19°♌56'42	
	-12388 Jan 28 j 02:46	0°♏		evening set	-12386 Jul 28 j 05:03	13°♏50'21	
morning set	-12388 Jan 29 j 02:49	1°♏13'34		min. Earth dist.	-12386 Jul 30 j 09:13	12°♏30'28	0.26766 AU
	-12388 Feb 21 j 12:33	0°♓		inferior conj	-12386 Jul 31 j 05:19	11°♏59'23	-8°46'22
max. Earth dist.	-12388 Feb 28 j 15:53	8°♓49'41	1.73018 AU	minimum elong	-12386 Jul 31 j 05:48	11°♏58'38	8°45'52
				morning rise	-12386 Aug 03 j 06:45	10°♏07'26	
superior conj	-12388 Mar 04 j 05:54	14°♓30'28	-1°08'15	direct	-12386 Aug 20 j 09:35	4°♐23'01	
minimum elong	-12388 Mar 04 j 12:43	14°♓51'37	1°08'48	greatest brilliancy	-12386 Aug 29 j 22:44	6°♐09'18	-4.9m
	-12388 Mar 16 j 17:18	0°♑		asc. node	-12386 Sep 24 j 17:47	23°♐10'19	
evening rise	-12388 Apr 08 j 11:26	28°♑21'37			-12386 Oct 02 j 04:56	0°♒	
asc. node	-12388 Apr 08 j 14:05	28°♑29'53		morning max el	-12386 Oct 09 j 10:38	7°♒04'04	46°18'42
	-12388 Apr 09 j 18:58	0°♒			-12386 Oct 31 j 04:49	0°♓	
	-12388 May 03 j 19:30	0°♓			-12386 Nov 26 j 23:13	0°♈	
	-12388 May 27 j 20:33	0°♉			-12386 Dec 22 j 23:33	0°♉	
	-12388 Jun 20 j 23:58	0°♊		desc. node	-12385 Jan 16 j 06:44	28°♉30'47	
	-12388 Jul 15 j 08:21	0°♋			-12385 Jan 17 j 12:53	0°♊	
desc. node	-12388 Jul 31 j 06:19	19°♋22'56			-12385 Feb 11 j 15:37	0°♋	
	-12388 Aug 09 j 01:38	0°♌			-12385 Mar 08 j 07:40	0°♌	
	-12388 Sep 03 j 10:54	0°♍			-12385 Apr 01 j 14:27	0°♍	
	-12388 Sep 30 j 06:06	0°♎		morning set	-12385 Apr 05 j 09:46	4°♍44'11	
evening max el	-12388 Oct 12 j 00:46	12°♎11'52	45°49'53		-12385 Apr 25 j 14:29	0°♏	
	-12388 Oct 31 j 15:33	0°♏		asc. node	-12385 May 07 j 03:02	14°♏29'15	
greatest brilliancy	-12388 Nov 18 j 23:01	11°♏19'57	-4.7m	max. Earth dist.	-12385 May 08 j 16:51	16°♏28'14	1.71298 AU
asc. node	-12388 Nov 19 j 13:05	11°♏33'45					
retrograde	-12388 Nov 30 j 09:05	13°♏44'51		superior conj	-12385 May 11 j 13:16	20°♏03'38	0°10'18
evening set	-12388 Dec 16 j 09:37	8°♐40'23		minimum elong	-12385 May 11 j 11:13	19°♏57'11	0°09'42
inferior conj	-12388 Dec 21 j 17:27	5°♐22'03	6°20'04	behind sun begin	-12385 May 10 j 16:19	18°♏57'40	
minimum elong	-12388 Dec 21 j 08:54	5°♐35'45	6°18'30	behind sun end	-12385 May 12 j 06:08	20°♏56'43	
min. Earth dist.	-12388 Dec 21 j 16:02	5°♐24'20	0.29490 AU		-12385 May 19 j 10:33	0°♑	
morning rise	-12388 Dec 26 j 08:18	2°♐28'29			-12385 Jun 12 j 05:16	0°♒	
	-12388 Dec 30 j 20:42	30°♑		evening rise	-12385 Jun 18 j 22:29	8°♑28'06	
direct	-12387 Jan 12 j 13:40	26°♑48'47			-12385 Jul 06 j 01:01	0°♓	
greatest brilliancy	-12387 Jan 22 j 01:52	28°♑26'36	-4.7m		-12385 Jul 30 j 00:01	0°♈	

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	-12385 Aug 23 j 04:07	0°☿		desc. node	-12382 Feb 12 j 20:23	15°♊59'19	
desc. node	-12385 Aug 28 j 17:08	6°☿50'08			-12382 Feb 25 j 00:45	0°♋	
	-12385 Sep 16 j 14:51	0°♌			-12382 Mar 22 j 10:21	0°♍	
	-12385 Oct 11 j 10:37	0°♎			-12382 Apr 16 j 02:34	0°♏	
	-12385 Nov 05 j 21:35	0°♐			-12382 May 10 j 06:35	0°♑	
	-12385 Dec 02 j 16:36	0°♒			-12382 Jun 03 j 03:01	0°♓	
asc. node	-12385 Dec 17 j 22:53	15°♋47'19		asc. node	-12382 Jun 03 j 16:41	0°♈43'09	
evening max el	-12385 Dec 22 j 19:25	20°♋30'51	44°48'32	greatest brilliancy	-12382 Jun 04 j 10:57	1°♈40'49	-3.9m
	-12384 Jan 02 j 05:51	0°♉		morning set	-12382 Jun 14 j 08:14	14°♈10'55	
greatest brilliancy	-12384 Jan 29 j 08:53	17°♉28'31	-4.7m		-12382 Jun 26 j 19:58	0°♊	
retrograde	-12384 Feb 08 j 16:24	19°♉21'08			-12382 Jul 20 j 12:55	0°♋	
evening set	-12384 Feb 25 j 20:19	13°♉57'35					
inferior conj	-12384 Mar 01 j 00:36	11°♉27'36	7°21'41	superior conj	-12382 Jul 25 j 00:27	5°♌39'31	1°22'19
minimum elong	-12384 Mar 01 j 07:53	11°♉16'26	7°20'06	minimum elong	-12382 Jul 24 j 21:14	5°♌29'23	1°22'43
min. Earth dist.	-12384 Mar 02 j 07:39	10°♉40'03	0.28719 AU	max. Earth dist.	-12382 Jul 30 j 16:09	12°♌47'24	1.70899 AU
morning rise	-12384 Mar 05 j 18:55	8°♉35'50			-12382 Aug 13 j 08:37	0°♍	
direct	-12384 Mar 22 j 21:47	3°♉10'55		evening rise	-12382 Sep 06 j 07:32	29°♍55'51	
greatest brilliancy	-12384 Apr 03 j 08:18	5°♉30'16	-4.8m		-12382 Sep 06 j 08:52	0°☿	
desc. node	-12384 Apr 09 j 18:27	8°♉33'06		desc. node	-12382 Sep 25 j 04:50	23°☿20'53	
	-12384 May 07 j 02:13	0°♊			-12382 Sep 30 j 14:09	0°♌	
morning max el	-12384 May 11 j 22:01	4°♊41'58	46°31'45		-12382 Oct 25 j 00:10	0°♍	
	-12384 Jun 04 j 16:12	0°♋			-12382 Nov 18 j 15:11	0°♎	
	-12384 Jun 30 j 11:00	0°♌			-12382 Dec 13 j 13:48	0°♏	
	-12384 Jul 25 j 03:18	0°♍			-12381 Jan 08 j 02:33	0°♐	
asc. node	-12384 Jul 29 j 18:39	5°♍43'00		asc. node	-12381 Jan 14 j 08:48	7°♐11'41	
	-12384 Aug 18 j 08:44	0°♎			-12381 Feb 03 j 18:10	0°♑	
	-12384 Sep 11 j 11:56	0°♏			-12381 Mar 04 j 20:45	0°♒	
	-12384 Oct 05 j 17:44	0°☿		evening max el	-12381 Mar 05 j 06:39	0°♒23'32	45°40'32
	-12384 Oct 30 j 03:41	0°♌		greatest brilliancy	-12381 Apr 13 j 16:23	28°♒35'51	-4.8m
morning set	-12384 Nov 17 j 08:05	22°♌14'33			-12381 Apr 19 j 08:59	0°♓	
desc. node	-12384 Nov 20 j 04:47	25°♌44'20		retrograde	-12381 Apr 23 j 11:21	0°♈18'52	
	-12384 Nov 23 j 16:31	0°♎			-12381 Apr 27 j 11:51	30°♈	
	-12384 Dec 18 j 05:36	0°♐		evening set	-12381 May 07 j 20:29	26°♈25'31	
max. Earth dist.	-12384 Dec 23 j 16:18	6°♐39'54	1.73842 AU	desc. node	-12381 May 08 j 05:06	26°♈14'31	
				inferior conj	-12381 May 14 j 07:22	22°♈49'07	-1°29'11
superior conj	-12384 Dec 25 j 21:05	9°♐21'31	-1°07'29	minimum elong	-12381 May 14 j 03:58	22°♈54'07	1°28'37
minimum elong	-12384 Dec 25 j 13:24	8°♐57'59	1°07'23	min. Earth dist.	-12381 May 14 j 13:46	22°♈39'43	0.26592 AU
	-12383 Jan 11 j 16:52	0°♑		morning rise	-12381 May 20 j 10:46	19°♈21'07	
evening rise	-12383 Jan 30 j 11:46	23°♑06'38		direct	-12381 Jun 03 j 23:47	15°♈16'22	
greatest brilliancy	-12383 Feb 02 j 17:33	27°♑06'08	-3.9m	greatest brilliancy	-12381 Jun 15 j 08:04	17°♈38'56	-4.9m
	-12383 Feb 05 j 01:59	0°♒			-12381 Jul 04 j 20:19	0°♉	
	-12383 Mar 01 j 10:19	0°♓		morning max el	-12381 Jul 24 j 14:53	18°♉24'38	46°39'20
asc. node	-12383 Mar 11 j 04:09	11°♓59'49			-12381 Aug 04 j 14:28	0°♊	
	-12383 Mar 25 j 19:44	0°♈		asc. node	-12381 Aug 27 j 07:57	25°♊39'12	
	-12383 Apr 19 j 07:48	0°♉			-12381 Aug 31 j 01:25	0°♋	
	-12383 May 14 j 00:19	0°♊			-12381 Sep 25 j 07:59	0°♌	
	-12383 Jun 08 j 01:01	0°♋			-12381 Oct 20 j 06:27	0°☿	
desc. node	-12383 Jul 02 j 22:35	29°♋01'22			-12381 Nov 14 j 04:11	0°♌	
	-12383 Jul 03 j 19:10	0°♍			-12381 Dec 09 j 02:13	0°♎	
evening max el	-12383 Jul 31 j 04:27	29°♍48'24	47°37'18	desc. node	-12381 Dec 18 j 18:52	11°♏41'19	
	-12383 Jul 31 j 09:00	0°☿			-12380 Jan 02 j 22:18	0°♐	
	-12383 Sep 05 j 19:11	0°♌		morning set	-12380 Jan 26 j 21:37	29°♐10'37	
greatest brilliancy	-12383 Sep 10 j 05:41	1°♌58'31	-4.9m		-12380 Jan 27 j 13:45	0°♑	
retrograde	-12383 Sep 20 j 10:19	3°♌59'35			-12380 Feb 20 j 23:28	0°♒	
	-12383 Oct 04 j 07:33	30°♌		max. Earth dist.	-12380 Feb 26 j 13:19	6°♒53'39	1.73069 AU
evening set	-12383 Oct 05 j 17:18	29°☿12'22					
inferior conj	-12383 Oct 11 j 10:24	25°☿37'21	-2°31'13	superior conj	-12380 Mar 02 j 01:45	12°♒29'22	-1°09'44
minimum elong	-12383 Oct 11 j 15:23	25°☿29'15	2°29'05	minimum elong	-12380 Mar 02 j 08:19	12°♒49'41	1°10'17
min. Earth dist.	-12383 Oct 10 j 23:11	25°☿55'32	0.28084 AU		-12380 Mar 16 j 04:16	0°♓	
morning rise	-12383 Oct 17 j 14:12	21°☿48'34		evening rise	-12380 Apr 06 j 06:04	26°♓15'22	
asc. node	-12383 Oct 22 j 04:54	19°☿32'24		asc. node	-12380 Apr 07 j 16:15	28°♓01'59	
direct	-12383 Nov 01 j 06:10	17°☿27'06			-12380 Apr 09 j 06:05	0°♈	
greatest brilliancy	-12383 Nov 10 j 09:26	19°☿01'11	-4.8m		-12380 May 03 j 06:51	0°♉	
	-12383 Nov 29 j 16:32	0°♌			-12380 May 27 j 08:12	0°♊	
morning max el	-12383 Dec 20 j 03:16	17°♌42'34	46°01'25		-12380 Jun 20 j 12:00	0°♋	
	-12382 Jan 01 j 13:23	0°♍			-12380 Jul 14 j 20:53	0°♌	
	-12382 Jan 29 j 14:55	0°♎		desc. node	-12380 Jul 30 j 08:38	18°♌50'40	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12380 Aug 08 j 14:56	0°☿			-12377 Mar 07 j 18:41	0°♊		
	-12380 Sep 03 j 01:39	0°♋			-12377 Apr 01 j 01:21	0°♌		
	-12380 Sep 30 j 00:26	0°♍		morning set	-12377 Apr 03 j 04:44	2°♍39'53		
evening max el	-12380 Oct 09 j 17:52	10°♍01'42	45°53'36		-12377 Apr 25 j 01:25	0°♎		
	-12380 Nov 01 j 03:17	0°♏		max. Earth dist.	-12377 May 06 j 03:44	13°♎56'56	1.71358 AU	
greatest brilliancy	-12380 Nov 16 j 16:46	9°♏13'49	-4.7m	asc. node	-12377 May 06 j 05:11	14°♏01'30		
asc. node	-12380 Nov 18 j 15:19	9°♏57'09						
retrograde	-12380 Nov 28 j 03:20	11°♏38'57		superior conj	-12377 May 09 j 05:37	17°♏49'25	0°07'02	
evening set	-12380 Dec 14 j 01:10	6°♏37'34		minimum elong	-12377 May 09 j 04:16	17°♏45'08	0°06'27	
inferior conj	-12380 Dec 19 j 11:05	3°♏15'38	6°08'38	behind sun begin	-12377 May 08 j 06:43	16°♏37'19		
minimum elong	-12380 Dec 19 j 02:28	3°♏29'28	6°07'01	behind sun end	-12377 May 10 j 01:48	18°♏52'58		
min. Earth dist.	-12380 Dec 19 j 08:19	3°♏20'04	0.29466 AU		-12377 May 18 j 21:35	0°♐		
morning rise	-12380 Dec 24 j 03:58	0°♏18'52			-12377 Jun 11 j 16:27	0°♑		
	-12380 Dec 24 j 16:43	30°♐08'19		evening rise	-12377 Jun 16 j 10:47	6°♑00'19		
direct	-12379 Jan 10 j 07:17	24°♐42'49			-12377 Jul 05 j 12:21	0°♒		
greatest brilliancy	-12379 Jan 19 j 16:51	26°♐18'48	-4.7m		-12377 Jul 29 j 11:31	0°♓		
	-12379 Jan 28 j 02:13	0°♑			-12377 Aug 22 j 15:48	0°♑		
morning max el	-12379 Feb 28 j 07:28	24°♑27'22	46°08'08	desc. node	-12377 Aug 27 j 19:21	6°♑20'48		
	-12379 Mar 06 j 00:37	0°♒			-12377 Sep 16 j 02:50	0°♋		
desc. node	-12379 Mar 12 j 09:02	6°♒24'08			-12377 Oct 10 j 23:12	0°♌		
	-12379 Apr 03 j 07:43	0°♊			-12377 Nov 05 j 11:27	0°♍		
	-12379 Apr 29 j 07:43	0°♋			-12377 Dec 02 j 09:36	0°♎		
	-12379 May 24 j 04:00	0°♌		asc. node	-12377 Dec 17 j 01:20	15°♎02'11		
	-12379 Jun 17 j 08:45	0°♍		evening max el	-12377 Dec 20 j 09:45	18°♎17'01	44°48'53	
asc. node	-12379 Jul 01 j 06:56	17°♍28'25			-12376 Jan 02 j 11:07	0°♏		
	-12379 Jul 11 j 05:32	0°♎		greatest brilliancy	-12376 Jan 26 j 23:26	15°♏18'44	-4.7m	
	-12379 Aug 03 j 23:57	0°♏		retrograde	-12376 Feb 06 j 07:32	17°♏12'31		
	-12379 Aug 27 j 20:10	0°♐		evening set	-12376 Feb 23 j 13:46	11°♏45'19		
morning set	-12379 Aug 30 j 17:46	3°♐38'03		inferior conj	-12376 Feb 27 j 16:22	9°♏17'43	7°29'25	
	-12379 Sep 20 j 20:47	0°♑		minimum elong	-12376 Feb 27 j 23:10	9°♏07'17	7°27'57	
				min. Earth dist.	-12376 Feb 28 j 23:15	8°♏30'23	0.28789 AU	
superior conj	-12379 Oct 12 j 03:21	26°♑21'06	0°23'32	morning rise	-12376 Mar 03 j 08:00	6°♏29'32		
minimum elong	-12379 Oct 12 j 09:27	26°♑39'55	0°23'56	direct	-12376 Mar 20 j 13:26	0°♏59'30		
	-12379 Oct 15 j 02:17	0°♋		greatest brilliancy	-12376 Mar 31 j 23:59	3°♏18'19	-4.8m	
max. Earth dist.	-12379 Oct 16 j 22:13	2°♋15'27	1.72787 AU	desc. node	-12376 Apr 08 j 20:31	7°♏09'20		
desc. node	-12379 Oct 22 j 17:23	9°♋24'13			-12376 May 07 j 02:00	0°♌		
	-12379 Nov 08 j 11:25	0°♍		morning max el	-12376 May 09 j 12:53	2°♌24'29	46°31'01	
evening rise	-12379 Nov 21 j 16:13	16°♍12'05			-12376 Jun 04 j 08:40	0°♎		
	-12379 Dec 02 j 22:24	0°♏			-12376 Jun 30 j 01:02	0°♏		
	-12379 Dec 27 j 10:41	0°♐			-12376 Jul 24 j 16:12	0°♑		
	-12378 Jan 21 j 01:48	0°♊		asc. node	-12376 Jul 28 j 20:54	5°♑10'36		
asc. node	-12378 Feb 10 j 19:17	25°♊01'25			-12376 Aug 17 j 20:59	0°♒		
	-12378 Feb 14 j 22:51	0°♋			-12376 Sep 10 j 23:46	0°♓		
	-12378 Mar 12 j 05:39	0°♌			-12376 Oct 05 j 05:14	0°♑		
	-12378 Apr 07 j 03:28	0°♍			-12376 Oct 29 j 14:53	0°♋		
	-12378 May 04 j 05:46	0°♎		morning set	-12376 Nov 14 j 21:58	19°♋56'30		
evening max el	-12378 May 18 j 05:01	14°♎27'17	47°30'32	desc. node	-12376 Nov 19 j 06:59	25°♋17'23		
	-12378 Jun 03 j 21:52	0°♏			-12376 Nov 23 j 03:30	0°♍		
desc. node	-12378 Jun 04 j 15:13	0°♏36'41			-12376 Dec 17 j 16:29	0°♏		
greatest brilliancy	-12378 Jun 28 j 13:35	15°♏44'22	-4.9m	max. Earth dist.	-12376 Dec 21 j 11:40	4°♏39'03	1.73840 AU	
retrograde	-12378 Jul 08 j 00:37	17°♏26'12						
evening set	-12378 Jul 25 j 16:49	11°♏22'42		superior conj	-12376 Dec 23 j 14:53	7°♏15'49	-1°05'47	
min. Earth dist.	-12378 Jul 27 j 21:33	10°♏02'00	0.26725 AU	minimum elong	-12376 Dec 23 j 06:55	6°♏51'26	1°05'39	
inferior conj	-12378 Jul 28 j 17:58	9°♏30'26	-8°46'23		-12375 Jan 11 j 03:42	0°♐		
minimum elong	-12378 Jul 28 j 17:34	9°♏31'04	8°45'55	evening rise	-12375 Jan 28 j 07:44	21°♐06'52		
morning rise	-12378 Jul 31 j 18:31	7°♏39'53		greatest brilliancy	-12375 Feb 01 j 08:22	26°♐04'20	-3.9m	
direct	-12378 Aug 17 j 22:20	1°♏55'29			-12375 Feb 04 j 12:54	0°♊		
greatest brilliancy	-12378 Aug 27 j 11:36	3°♏41'35	-4.9m		-12375 Feb 28 j 21:26	0°♋		
asc. node	-12378 Sep 23 j 20:01	22°♏06'27		asc. node	-12375 Mar 10 j 06:24	11°♏32'05		
	-12378 Oct 02 j 06:40	0°♌			-12375 Mar 25 j 07:13	0°♎		
morning max el	-12378 Oct 06 j 23:28	4°♌38'28	46°19'26		-12375 Apr 18 j 19:52	0°♏		
	-12378 Oct 30 j 21:58	0°♍			-12375 May 13 j 13:13	0°♑		
	-12378 Nov 26 j 13:26	0°♋			-12375 Jun 07 j 15:11	0°♏		
	-12378 Dec 22 j 12:16	0°♌		desc. node	-12375 Jul 02 j 00:53	28°♏21'32		
desc. node	-12377 Jan 15 j 08:55	28°♌02'10			-12375 Jul 03 j 11:37	0°♓		
	-12377 Jan 17 j 00:43	0°♏		evening max el	-12375 Jul 28 j 19:19	27°♓27'41	47°39'42	
	-12377 Feb 11 j 02:54	0°♐			-12375 Jul 31 j 07:25	0°♑		

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Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12375 Sep 07 j 23:31	29° ☿ 42'49	-4.9m			-12372 Feb 20 j 10:22	0° ♊	
	-12375 Sep 08 j 18:21	0° ♋		max. Earth dist.		-12372 Feb 24 j 09:53	4° ♊ 55'06	1.73118 AU
retrograde	-12375 Sep 18 j 02:34	1° ♋ 42'48						
	-12375 Sep 27 j 02:03	30° ♋		superior conj		-12372 Feb 28 j 21:38	10° ♊ 28'28	-1°11'07
evening set	-12375 Oct 03 j 11:13	26° ☿ 52'49		minimum elong		-12372 Feb 29 j 03:53	10° ♊ 47'49	1°11'42
min. Earth dist.	-12375 Oct 08 j 15:26	23° ☿ 38'50	0.28032 AU			-12372 Mar 15 j 15:13	0° ♋	
inferior conj	-12375 Oct 09 j 02:28	23° ☿ 20'59	-2°50'47	evening rise		-12372 Apr 04 j 00:54	24° ♋ 09'46	
minimum elong	-12375 Oct 09 j 08:03	23° ☿ 11'56	2°48'31	asc. node		-12372 Apr 06 j 18:27	27° ♋ 34'10	
morning rise	-12375 Oct 15 j 05:33	19° ☿ 33'30				-12372 Apr 08 j 17:13	0° ♌	
asc. node	-12375 Oct 21 j 07:06	16° ☿ 43'27				-12372 May 02 j 18:14	0° ♌	
direct	-12375 Oct 29 j 20:53	15° ☿ 11'35				-12372 May 26 j 19:54	0° ♍	
greatest brilliancy	-12375 Nov 08 j 01:23	16° ☿ 46'50	-4.8m			-12372 Jun 20 j 00:03	0° ♍	
	-12375 Nov 30 j 05:01	0° ♋				-12372 Jul 14 j 09:25	0° ♎	
morning max el	-12375 Dec 17 j 19:16	15° ♋ 31'50	46°01'44	desc. node		-12372 Jul 29 j 10:53	18° ♎ 18'08	
	-12374 Jan 01 j 08:02	0° ♎				-12372 Aug 08 j 04:17	0° ☿	
	-12374 Jan 29 j 05:29	0° ♏				-12372 Sep 02 j 16:35	0° ♋	
desc. node	-12374 Feb 11 j 22:30	15° ♏ 26'55				-12372 Sep 29 j 19:19	0° ♎	
	-12374 Feb 24 j 13:35	0° ♌		evening max el		-12372 Oct 07 j 10:44	7° ♎ 50'27	45°57'06
	-12374 Mar 21 j 22:18	0° ♊				-12372 Nov 01 j 19:24	0° ♏	
	-12374 Apr 15 j 14:02	0° ♋		greatest brilliancy		-12372 Nov 14 j 11:10	7° ♏ 07'40	-4.7m
	-12374 May 09 j 17:48	0° ♌		asc. node		-12372 Nov 17 j 17:46	8° ♏ 16'38	
asc. node	-12374 Jun 02 j 19:02	0° ♌ 15'25		retrograde		-12372 Nov 25 j 21:08	9° ♏ 32'06	
	-12374 Jun 02 j 14:09	0° ♌		evening set		-12372 Dec 11 j 16:44	4° ♏ 33'57	
greatest brilliancy	-12374 Jun 03 j 18:36	1° ♌ 29'48	-3.9m	inferior conj		-12372 Dec 17 j 04:41	1° ♏ 08'30	5°56'35
morning set	-12374 Jun 11 j 21:39	11° ♌ 46'17		minimum elong		-12372 Dec 16 j 20:02	1° ♏ 22'25	5°54'56
	-12374 Jun 26 j 07:07	0° ♍		min. Earth dist.		-12372 Dec 17 j 00:58	1° ♏ 14'29	0.29438 AU
	-12374 Jul 20 j 00:07	0° ♍				-12372 Dec 18 j 23:27	30° ♌	
superior conj	-12374 Jul 22 j 09:55	3° ♍ 02'32	1°21'42	morning rise		-12372 Dec 21 j 23:35	28° ♎ 08'23	
minimum elong	-12374 Jul 22 j 05:40	2° ♍ 49'08	1°22'03	direct		-12371 Jan 08 j 00:41	22° ♎ 36'14	
max. Earth dist.	-12374 Jul 27 j 18:40	9° ♍ 48'43	1.70868 AU	greatest brilliancy		-12371 Jan 17 j 08:14	24° ♎ 10'37	-4.7m
	-12374 Aug 12 j 19:52	0° ♎				-12371 Jan 29 j 10:27	0° ♏	
evening rise	-12374 Sep 03 j 14:44	27° ♎ 13'52		morning max el		-12371 Feb 25 j 23:37	22° ♏ 18'28	46°07'23
	-12374 Sep 05 j 20:09	0° ☿				-12371 Mar 05 j 20:45	0° ♌	
desc. node	-12374 Sep 24 j 06:57	22° ☿ 52'23		desc. node		-12371 Mar 11 j 11:09	5° ♌ 41'41	
	-12374 Sep 30 j 01:30	0° ♋				-12371 Apr 02 j 22:52	0° ♊	
	-12374 Oct 24 j 11:38	0° ♎				-12371 Apr 28 j 21:00	0° ♋	
	-12374 Nov 18 j 02:55	0° ♏				-12371 May 23 j 16:26	0° ♌	
	-12374 Dec 13 j 02:09	0° ♌		asc. node		-12371 Jun 16 j 20:43	0° ♌	
	-12373 Jan 07 j 16:11	0° ♊				-12371 Jun 30 j 09:07	16° ♌ 58'11	
asc. node	-12373 Jan 13 j 11:09	6° ♊ 38'07				-12371 Jul 10 j 17:14	0° ♍	
	-12373 Feb 03 j 10:37	0° ♋				-12371 Aug 03 j 11:28	0° ♍	
evening max el	-12373 Mar 02 j 20:56	28° ♋ 06'16	45°37'10	morning set		-12371 Aug 27 j 07:34	0° ♎	
	-12373 Mar 04 j 21:17	0° ♌				-12371 Aug 28 j 03:16	1° ♎ 01'45	
greatest brilliancy	-12373 Apr 11 j 03:24	26° ♌ 09'54	-4.8m			-12371 Sep 20 j 08:06	0° ☿	
retrograde	-12373 Apr 20 j 23:38	27° ♌ 53'23		superior conj		-12371 Oct 09 j 13:59	23° ☿ 50'59	0°27'04
evening set	-12373 May 05 j 08:28	24° ♌ 00'05		minimum elong		-12371 Oct 09 j 20:56	24° ☿ 12'25	0°27'28
desc. node	-12373 May 07 j 07:27	22° ♌ 58'03		max. Earth dist.		-12371 Oct 14 j 17:42	0° ♋ 12'53	1.72724 AU
inferior conj	-12373 May 11 j 19:18	20° ♌ 23'30	-1°05'47			-12371 Oct 14 j 13:31	0° ♋	
minimum elong	-12373 May 11 j 16:46	20° ♌ 27'13	1°05'31	desc. node		-12371 Oct 21 j 19:40	8° ♋ 56'46	
min. Earth dist.	-12373 May 12 j 03:07	20° ♌ 12'02	0.26635 AU			-12371 Nov 07 j 22:36	0° ♎	
morning rise	-12373 May 18 j 00:27	16° ♌ 53'24		evening rise		-12371 Nov 19 j 07:41	13° ♎ 58'00	
direct	-12373 Jun 01 j 13:24	12° ♌ 49'53				-12371 Dec 02 j 09:36	0° ♏	
greatest brilliancy	-12373 Jun 12 j 21:44	15° ♌ 12'54	-4.9m			-12371 Dec 26 j 22:03	0° ♌	
	-12373 Jul 05 j 07:43	0° ♌				-12370 Jan 20 j 13:32	0° ♊	
morning max el	-12373 Jul 22 j 04:52	15° ♌ 59'25	46°39'36	asc. node		-12370 Feb 09 j 21:32	24° ♊ 31'19	
	-12373 Aug 04 j 09:45	0° ♍				-12370 Feb 14 j 11:17	0° ♋	
asc. node	-12373 Aug 26 j 10:09	24° ♍ 59'53				-12370 Mar 11 j 19:15	0° ♌	
	-12373 Aug 30 j 16:44	0° ♍				-12370 Apr 06 j 19:08	0° ♌	
	-12373 Sep 24 j 21:33	0° ♎				-12370 May 04 j 01:49	0° ♍	
	-12373 Oct 19 j 19:04	0° ☿		evening max el		-12370 May 15 j 18:31	12° ♍ 01'13	47°27'25
	-12373 Nov 13 j 16:10	0° ♋		desc. node		-12370 Jun 03 j 17:33	29° ♍ 25'25	
	-12373 Dec 08 j 13:45	0° ♎				-12370 Jun 04 j 10:31	0° ♍	
desc. node	-12373 Dec 17 j 21:06	11° ♎ 13'42		greatest brilliancy		-12370 Jun 26 j 02:41	13° ♍ 14'09	-4.9m
	-12372 Jan 02 j 09:30	0° ♏		retrograde		-12370 Jul 05 j 12:53	14° ♍ 55'04	
morning set	-12372 Jan 24 j 16:13	27° ♏ 07'12		evening set		-12370 Jul 23 j 04:00	8° ♍ 55'15	
	-12372 Jan 27 j 00:44	0° ♌		min. Earth dist.		-12370 Jul 25 j 10:18	7° ♍ 32'18	0.26686 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

inferior conj	-12370 Jul 26 j 06:36	7° $\text{8}^{\circ}00'55$	-8°45'19	max. Earth dist.	-12368 Dec 19 j 08:41	2° $\text{4}^{\circ}42'25$	1.73835 AU
minimum elong	-12370 Jul 26 j 05:16	7° $\text{8}^{\circ}02'59$	8°44'52				
morning rise	-12370 Jul 29 j 06:44	5° $\text{8}^{\circ}11'02$		superior conj	-12368 Dec 21 j 08:37	5° $\text{4}^{\circ}09'10$	-1°04'00
	-12370 Aug 10 j 07:02	30° $\text{8}^{\circ}11'02$		minimum elong	-12368 Dec 21 j 00:25	4° $\text{4}^{\circ}44'04$	1°03'49
direct	-12370 Aug 15 j 10:28	29° $\text{8}^{\circ}11'02$			-12367 Jan 10 j 14:48	0° 0°	
	-12370 Aug 20 j 16:35	0° 0°		evening rise	-12367 Jan 26 j 03:45	19° $\text{0}^{\circ}11'06'30$	
greatest brilliancy	-12370 Aug 25 j 01:08	1° $\text{8}^{\circ}13'49$	-4.9m	greatest brilliancy	-12367 Jan 31 j 00:44	25° $\text{0}^{\circ}11'06'29$	-3.9m
asc. node	-12370 Sep 22 j 22:12	21° $\text{8}^{\circ}03'28$			-12367 Feb 04 j 00:06	0° 0°	
	-12370 Oct 02 j 07:21	0° 0°			-12367 Feb 28 j 08:53	0° 0°	
morning max el	-12370 Oct 04 j 11:45	2° $\text{11}^{\circ}10'38$	46°20'22	asc. node	-12367 Mar 09 j 08:37	11° $\text{0}^{\circ}30'15$	
	-12370 Oct 30 j 14:59	0° 0°			-12367 Mar 24 j 19:05	0° 0°	
	-12370 Nov 26 j 03:42	0° 0°			-12367 Apr 18 j 08:20	0° 0°	
	-12370 Dec 22 j 01:09	0° 0°			-12367 May 13 j 02:31	0° 0°	
desc. node	-12369 Jan 14 j 11:00	27° $\text{0}^{\circ}11'32'27$			-12367 Jun 07 j 05:47	0° 0°	
	-12369 Jan 16 j 12:47	0° 0°		desc. node	-12367 Jul 01 j 03:06	27° $\text{0}^{\circ}11'40'11$	
	-12369 Feb 10 j 14:29	0° 0°			-12367 Jul 03 j 04:39	0° 0°	
	-12369 Mar 07 j 05:59	0° 0°		evening max el	-12367 Jul 26 j 11:01	25° $\text{0}^{\circ}11'08'16$	47°42'01
morning set	-12369 Mar 31 j 23:40	0° 0°			-12367 Jul 31 j 07:06	0° 0°	
	-12369 Mar 31 j 12:32	0° 0°		greatest brilliancy	-12367 Sep 05 j 16:35	27° $\text{0}^{\circ}11'24'58$	-4.9m
	-12369 Apr 24 j 12:35	0° 0°		retrograde	-12367 Sep 15 j 19:01	29° $\text{0}^{\circ}11'24'30$	
max. Earth dist.	-12369 May 03 j 17:37	11° $\text{0}^{\circ}11'34'24$	1.71416 AU	evening set	-12367 Oct 01 j 05:05	24° $\text{0}^{\circ}11'31'28$	
asc. node	-12369 May 05 j 07:32	13° $\text{0}^{\circ}11'33'39$		inferior conj	-12367 Oct 06 j 18:20	21° $\text{0}^{\circ}11'30'55$	-3°10'16
				minimum elong	-12367 Oct 07 j 00:29	20° $\text{0}^{\circ}11'52'58$	3°07'50
superior conj	-12369 May 06 j 22:01	15° $\text{0}^{\circ}11'34'42$	0°03'45	min. Earth dist.	-12367 Oct 06 j 07:12	21° $\text{0}^{\circ}11'20'54$	0.27982 AU
minimum elong	-12369 May 06 j 21:21	15° $\text{0}^{\circ}11'32'37$	0°03'12	morning rise	-12367 Oct 12 j 20:34	17° $\text{0}^{\circ}11'17'10$	
behind sun begin	-12369 May 05 j 22:32	14° $\text{0}^{\circ}11'20'50$		asc. node	-12367 Oct 20 j 09:33	13° $\text{0}^{\circ}11'57'43$	
behind sun end	-12369 May 07 j 20:10	16° $\text{0}^{\circ}11'44'26$		direct	-12367 Oct 27 j 11:52	12° $\text{0}^{\circ}11'54'25$	
	-12369 May 18 j 08:50	0° 0°		greatest brilliancy	-12367 Nov 05 j 16:45	14° $\text{0}^{\circ}11'30'27$	-4.8m
	-12369 Jun 11 j 03:51	0° 0°			-12367 Nov 30 j 14:48	0° 0°	
evening rise	-12369 Jun 13 j 23:26	3° $\text{0}^{\circ}11'32'54$		morning max el	-12367 Dec 15 j 12:01	13° $\text{0}^{\circ}11'21'56$	46°02'08
	-12369 Jul 04 j 23:57	0° 0°			-12366 Jan 01 j 02:33	0° 0°	
	-12369 Jul 28 j 23:18	0° 0°			-12366 Jan 28 j 20:09	0° 0°	
	-12369 Aug 22 j 03:48	0° 0°		desc. node	-12366 Feb 11 j 00:39	14° $\text{0}^{\circ}11'54'06$	
desc. node	-12369 Aug 26 j 21:32	5° $\text{0}^{\circ}11'50'24$			-12366 Feb 24 j 02:35	0° 0°	
	-12369 Sep 15 j 15:09	0° 0°			-12366 Mar 21 j 10:27	0° 0°	
	-12369 Oct 10 j 12:07	0° 0°			-12366 Apr 15 j 01:44	0° 0°	
	-12369 Nov 05 j 01:42	0° 0°			-12366 May 09 j 05:18	0° 0°	
	-12369 Dec 02 j 03:14	0° 0°		asc. node	-12366 Jun 01 j 21:11	29° $\text{0}^{\circ}11'46'05$	
asc. node	-12369 Dec 16 j 03:36	14° $\text{0}^{\circ}11'15'04$			-12366 Jun 02 j 01:36	0° 0°	
evening max el	-12369 Dec 18 j 00:12	16° $\text{0}^{\circ}11'02'39$	44°49'19	greatest brilliancy	-12366 Jun 03 j 01:16	1° $\text{0}^{\circ}11'14'45$	-3.9m
	-12368 Jan 02 j 19:04	0° 0°		morning set	-12366 Jun 09 j 11:01	9° $\text{0}^{\circ}11'20'38$	
greatest brilliancy	-12368 Jan 24 j 13:16	13° $\text{0}^{\circ}11'27'14$	-4.7m		-12366 Jun 25 j 18:33	0° 0°	
retrograde	-12368 Feb 03 j 23:07	15° $\text{0}^{\circ}11'27'03'01$			-12366 Jul 19 j 11:34	0° 0°	
evening set	-12368 Feb 21 j 07:04	9° $\text{0}^{\circ}11'32'06$					
inferior conj	-12368 Feb 25 j 08:07	7° $\text{0}^{\circ}11'27'06'43$	7°36'24	superior conj	-12366 Jul 19 j 19:19	0° $\text{0}^{\circ}11'24'28$	1°20'54
minimum elong	-12368 Feb 25 j 14:23	6° $\text{0}^{\circ}11'27'05$	7°35'05	minimum elong	-12366 Jul 19 j 14:07	0° $\text{0}^{\circ}11'08'03$	1°21'13
min. Earth dist.	-12368 Feb 26 j 14:32	6° $\text{0}^{\circ}11'20'05$	0.28860 AU	max. Earth dist.	-12366 Jul 25 j 00:20	6° $\text{0}^{\circ}11'59'05$	1.70835 AU
morning rise	-12368 Feb 29 j 21:10	4° $\text{0}^{\circ}11'22'10$			-12366 Aug 12 j 07:20	0° 0°	
	-12368 Mar 10 j 08:07	30° $\text{0}^{\circ}11'28'11$		evening rise	-12366 Aug 31 j 21:45	24° $\text{0}^{\circ}11'30'28$	
direct	-12368 Mar 18 j 05:23	28° $\text{0}^{\circ}11'46'56$			-12366 Sep 05 j 07:39	0° 0°	
	-12368 Mar 26 j 10:00	0° 0°		desc. node	-12366 Sep 23 j 09:14	22° $\text{0}^{\circ}11'23'42$	
greatest brilliancy	-12368 Mar 29 j 15:38	1° $\text{0}^{\circ}11'27'05'27$	-4.8m		-12366 Sep 29 j 13:05	0° 0°	
desc. node	-12368 Apr 07 j 22:51	5° $\text{0}^{\circ}11'47'32$			-12366 Oct 23 j 23:22	0° 0°	
morning max el	-12368 May 07 j 04:40	0° $\text{0}^{\circ}11'30'8'32$	46°30'22		-12366 Nov 17 j 14:56	0° 0°	
	-12368 May 07 j 01:13	0° 0°			-12366 Dec 12 j 14:48	0° 0°	
	-12368 Jun 04 j 01:10	0° 0°			-12365 Jan 07 j 06:09	0° 0°	
	-12368 Jun 29 j 15:11	0° 0°		asc. node	-12365 Jan 12 j 13:26	6° $\text{0}^{\circ}11'27'03'35$	
	-12368 Jul 24 j 05:14	0° 0°			-12365 Feb 03 j 03:33	0° 0°	
asc. node	-12368 Jul 27 j 23:01	4° $\text{0}^{\circ}11'37'15$		evening max el	-12365 Feb 28 j 11:28	25° $\text{0}^{\circ}11'34'9'12$	45°33'46
	-12368 Aug 17 j 09:26	0° 0°			-12365 Mar 04 j 23:16	0° 0°	
	-12368 Sep 10 j 11:49	0° 0°		greatest brilliancy	-12365 Apr 08 j 14:40	23° $\text{0}^{\circ}11'43'59$	-4.8m
	-12368 Oct 04 j 16:59	0° 0°		retrograde	-12365 Apr 18 j 11:26	25° $\text{0}^{\circ}11'27'18$	
	-12368 Oct 29 j 02:23	0° 0°		evening set	-12365 May 02 j 20:40	21° $\text{0}^{\circ}11'34'02$	
morning set	-12368 Nov 12 j 11:46	17° $\text{0}^{\circ}11'37'14$		desc. node	-12365 May 06 j 09:44	19° $\text{0}^{\circ}11'38'31$	
desc. node	-12368 Nov 18 j 09:12	24° $\text{0}^{\circ}11'49'37$		inferior conj	-12365 May 09 j 07:13	17° $\text{0}^{\circ}11'57'23$	-0°42'24
	-12368 Nov 22 j 14:47	0° 0°		minimum elong	-12365 May 09 j 05:35	17° $\text{0}^{\circ}11'59'48$	0°42'25
	-12368 Dec 17 j 03:37	0° 0°		min. Earth dist.	-12365 May 09 j 16:34	17° $\text{0}^{\circ}11'43'39$	0.26684 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning rise	-12365 May 15 j 13:53	14° \approx 25'09		evening rise	-12363 Nov 16 j 22:32	11° \cap 42'01	
direct	-12365 May 30 j 02:57	10° \approx 22'53			-12363 Dec 01 j 20:47	0° $\underline{\text{B}}$	
greatest brilliancy	-12365 Jun 10 j 11:24	12° \approx 45'58	-4.9m		-12363 Dec 26 j 09:24	0° \cap	
	-12365 Jul 05 j 16:35	0° X			-12362 Jan 20 j 01:17	0° X	
morning max el	-12365 Jul 19 j 18:04	13° X 31'14	46°39'47	asc. node	-12362 Feb 08 j 23:49	24° X 01'21	
	-12365 Aug 04 j 04:51	0° Y			-12362 Feb 13 j 23:44	0° Z	
asc. node	-12365 Aug 25 j 12:22	24° Y 20'16			-12362 Mar 11 j 08:54	0° \approx	
	-12365 Aug 30 j 08:06	0° B			-12362 Apr 06 j 10:55	0° X	
	-12365 Sep 24 j 11:14	0° \cap			-12362 May 03 j 22:17	0° Y	
	-12365 Oct 19 j 07:46	0° C		evening max el	-12362 May 13 j 07:03	9° Y 33'25	47°24'18
	-12365 Nov 13 j 04:16	0° Ω		desc. node	-12362 Jun 02 j 19:41	28° Y 12'19	
	-12365 Dec 08 j 01:25	0° \cap			-12362 Jun 05 j 02:51	0° B	
desc. node	-12365 Dec 16 j 23:05	10° \cap 44'57		greatest brilliancy	-12362 Jun 23 j 15:47	10° B 44'30	-4.9m
	-12364 Jan 01 j 20:50	0° $\underline{\text{B}}$		retrograde	-12362 Jul 03 j 00:55	12° B 24'36	
morning set	-12364 Jan 22 j 10:49	25° $\underline{\text{B}}$ 03'23		evening set	-12362 Jul 20 j 14:38	6° B 28'53	
	-12364 Jan 26 j 11:51	0° \cap		min. Earth dist.	-12362 Jul 22 j 23:10	5° B 02'51	0.26653 AU
	-12364 Feb 19 j 21:23	0° X		inferior conj	-12362 Jul 23 j 19:13	4° B 31'57	-8°43'13
max. Earth dist.	-12364 Feb 22 j 05:01	2° X 51'51	1.73162 AU	minimum elong	-12362 Jul 23 j 16:57	4° B 35'26	8°42'43
				morning rise	-12362 Jul 26 j 19:25	2° B 42'04	
superior conj	-12364 Feb 26 j 17:41	8° X 27'49	-1°12'25		-12362 Jul 31 j 18:41	30° R Y	
minimum elong	-12364 Feb 26 j 23:36	8° X 46'09	1°13'00	direct	-12362 Aug 12 j 22:21	26° Y 58'48	
	-12364 Mar 15 j 02:16	0° Z		greatest brilliancy	-12362 Aug 22 j 15:13	28° Y 47'01	-4.9m
evening rise	-12364 Apr 01 j 19:55	22° Z 04'37			-12362 Aug 25 j 15:27	0° B	
asc. node	-12364 Apr 05 j 20:50	27° Z 06'39		asc. node	-12362 Sep 22 j 00:36	20° B 02'44	
	-12364 Apr 08 j 04:26	0° \approx		morning max el	-12362 Oct 02 j 00:13	29° B 43'13	46°21'13
	-12364 May 02 j 05:44	0° X			-12362 Oct 02 j 06:53	0° \cap	
	-12364 May 26 j 07:43	0° Y			-12362 Oct 30 j 07:39	0° C	
	-12364 Jun 19 j 12:17	0° B			-12362 Nov 25 j 17:46	0° Ω	
	-12364 Jul 13 j 22:12	0° \cap			-12362 Dec 21 j 13:51	0° \cap	
desc. node	-12364 Jul 28 j 13:06	17° \cap 44'52		desc. node	-12361 Jan 13 j 13:10	27° \cap 03'32	
	-12364 Aug 07 j 17:55	0° C			-12361 Jan 16 j 00:40	0° $\underline{\text{B}}$	
	-12364 Sep 02 j 07:52	0° Ω			-12361 Feb 10 j 01:52	0° \cap	
	-12364 Sep 29 j 14:53	0° \cap			-12361 Mar 06 j 17:06	0° X	
evening max el	-12364 Oct 05 j 02:40	5° \cap 36'15	46°00'45	morning set	-12361 Mar 29 j 18:34	28° X 29'52	
	-12364 Nov 02 j 17:32	0° $\underline{\text{B}}$			-12361 Mar 30 j 23:34	0° Z	
greatest brilliancy	-12364 Nov 12 j 05:48	5° $\underline{\text{B}}$ 01'15	-4.8m		-12361 Apr 23 j 23:36	0° \approx	
asc. node	-12364 Nov 16 j 20:01	6° $\underline{\text{B}}$ 31'56		max. Earth dist.	-12361 May 01 j 08:57	9° \approx 16'57	1.71471 AU
retrograde	-12364 Nov 23 j 14:28	7° $\underline{\text{B}}$ 24'45		asc. node	-12361 May 04 j 09:43	13° \approx 05'43	
evening set	-12364 Dec 09 j 08:18	2° $\underline{\text{B}}$ 29'40					
	-12364 Dec 13 j 09:31	30° R \cap		superior conj	-12361 May 04 j 14:40	13° \approx 21'21	0°00'29
inferior conj	-12364 Dec 14 j 22:15	29° \cap 00'57	5°44'08	minimum elong	-12361 May 04 j 14:40	13° \approx 21'19	0°00'05
minimum elong	-12364 Dec 14 j 13:35	29° \cap 14'54	5°42'26	behind sun begin	-12361 May 03 j 16:13	12° \approx 10'43	
min. Earth dist.	-12364 Dec 14 j 17:53	29° \cap 07'59	0.29408 AU	behind sun end	-12361 May 05 j 13:06	14° \approx 31'55	
morning rise	-12364 Dec 19 j 19:08	25° \cap 57'25			-12361 May 17 j 19:56	0° X	
direct	-12363 Jan 05 j 17:34	20° \cap 29'09			-12361 Jun 10 j 15:03	0° Y	
greatest brilliancy	-12363 Jan 15 j 00:12	22° \cap 02'33	-4.7m	evening rise	-12361 Jun 11 j 12:33	1° Y 07'44	
	-12363 Jan 30 j 09:53	0° $\underline{\text{B}}$			-12361 Jul 04 j 11:18	0° B	
morning max el	-12363 Feb 23 j 15:03	20° $\underline{\text{B}}$ 07'36	46°06'48		-12361 Jul 28 j 10:51	0° \cap	
	-12363 Mar 05 j 16:20	0° \cap			-12361 Aug 21 j 15:35	0° C	
desc. node	-12363 Mar 10 j 13:24	5° \cap 00'02		desc. node	-12361 Aug 25 j 23:51	5° C 21'06	
	-12363 Apr 02 j 13:51	0° X			-12361 Sep 15 j 03:17	0° Ω	
	-12363 Apr 28 j 10:11	0° Z			-12361 Oct 10 j 00:55	0° \cap	
	-12363 May 23 j 04:46	0° \approx			-12361 Nov 04 j 15:55	0° $\underline{\text{B}}$	
	-12363 Jun 16 j 08:37	0° X			-12361 Dec 01 j 21:06	0° \cap	
asc. node	-12363 Jun 29 j 11:14	16° X 27'56		asc. node	-12361 Dec 15 j 05:52	13° \cap 27'47	
	-12363 Jul 10 j 04:53	0° Y		evening max el	-12361 Dec 15 j 15:19	13° \cap 50'28	44°50'02
	-12363 Aug 02 j 22:59	0° B			-12360 Jan 03 j 05:35	0° X	
morning set	-12363 Aug 25 j 12:17	28° B 23'38		greatest brilliancy	-12360 Jan 22 j 02:44	10° X 56'10	-4.7m
	-12363 Aug 26 j 19:01	0° \cap		retrograde	-12360 Feb 01 j 15:09	12° X 54'16	
	-12363 Sep 19 j 19:27	0° C		evening set	-12360 Feb 19 j 00:14	7° X 19'59	
				inferior conj	-12360 Feb 22 j 23:53	4° X 56'24	7°42'40
superior conj	-12363 Oct 07 j 00:01	21° C 18'49	0°30'37	minimum elong	-12360 Feb 23 j 05:36	4° X 47'38	7°41'29
minimum elong	-12363 Oct 07 j 07:46	21° C 42'48	0°30'59	min. Earth dist.	-12360 Feb 24 j 05:22	4° X 11'12	0.28930 AU
max. Earth dist.	-12363 Oct 12 j 11:25	28° C 04'40	1.72655 AU	morning rise	-12360 Feb 27 j 10:28	2° X 15'26	
	-12363 Oct 14 j 00:47	0° Ω			-12360 Mar 02 j 14:34	30° R \cap	
desc. node	-12363 Oct 20 j 21:51	8° Ω 28'56		direct	-12360 Mar 15 j 21:55	26° \cap 35'15	
	-12363 Nov 07 j 09:47	0° \cap		greatest brilliancy	-12360 Mar 27 j 06:43	28° \cap 52'52	-4.8m

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12360 Mar 29 j 22:35	0°♈					-12358 Sep 29 j 00:18	0°♏			
desc. node	-12360 Apr 07 j 01:06	4°♈28'56					-12358 Oct 23 j 10:42	0°♐			
morning max el	-12360 May 04 j 21:09	27°♈55'13	46°29'40				-12358 Nov 17 j 02:35	0°♑			
	-12360 May 06 j 23:16	0°♊					-12358 Dec 12 j 03:07	0°♒			
	-12360 Jun 03 j 17:09	0°♋					-12357 Jan 06 j 19:53	0°♈			
	-12360 Jun 29 j 04:58	0°♌				asc. node	-12357 Jan 11 j 15:46	5°♈30'01			
	-12360 Jul 23 j 17:56	0°♍					-12357 Feb 02 j 20:29	0°♉			
asc. node	-12360 Jul 27 j 01:14	4°♍05'11				evening max el	-12357 Feb 26 j 01:34	23°♉32'07	45°30'25		
	-12360 Aug 16 j 21:31	0°♎					-12357 Mar 05 j 02:20	0°♊			
	-12360 Sep 09 j 23:31	0°♏				greatest brilliancy	-12357 Apr 06 j 02:43	21°♊20'22	-4.8m		
	-12360 Oct 04 j 04:23	0°♐				retrograde	-12357 Apr 15 j 22:52	23°♊02'49			
	-12360 Oct 28 j 13:33	0°♑				evening set	-12357 Apr 30 j 09:16	19°♊09'19			
morning set	-12360 Nov 10 j 01:23	15°♑18'09				desc. node	-12357 May 05 j 11:50	16°♊19'19			
desc. node	-12360 Nov 17 j 11:13	24°♑22'01				inferior conj	-12357 May 06 j 19:21	15°♊32'59	-0°19'12		
	-12360 Nov 22 j 01:47	0°♒				minimum elong	-12357 May 06 j 18:35	15°♊34'06	0°19'30		
	-12360 Dec 16 j 14:29	0°♓				min. Earth dist.	-12357 May 07 j 06:28	15°♊16'35	0.26735 AU		
max. Earth dist.	-12360 Dec 17 j 06:33	0°♓49'12	1.73831 AU			morning rise	-12357 May 13 j 03:14	11°♊58'38			
						direct	-12357 May 27 j 16:09	7°♊57'27			
superior conj	-12360 Dec 19 j 01:58	3°♓02'05	-1°02'06			greatest brilliancy	-12357 Jun 08 j 01:34	10°♊20'53	-4.9m		
minimum elong	-12360 Dec 18 j 17:33	2°♓36'21	1°01'51				-12357 Jul 05 j 22:38	0°♋			
	-12359 Jan 10 j 01:38	0°♌				morning max el	-12357 Jul 17 j 06:17	11°♋01'30	46°39'51		
evening rise	-12359 Jan 23 j 23:30	17°♌06'13					-12357 Aug 03 j 23:09	0°♌			
greatest brilliancy	-12359 Jan 29 j 17:52	24°♌11'52	-3.9m			asc. node	-12357 Aug 24 j 14:37	23°♌41'54			
	-12359 Feb 03 j 11:01	0°♍					-12357 Aug 29 j 22:59	0°♍			
	-12359 Feb 27 j 20:02	0°♎					-12357 Sep 24 j 00:31	0°♏			
asc. node	-12359 Mar 08 j 10:59	10°♎35'46					-12357 Oct 18 j 20:08	0°♐			
	-12359 Mar 24 j 06:41	0°♏					-12357 Nov 12 j 16:01	0°♑			
	-12359 Apr 17 j 20:35	0°♌					-12357 Dec 07 j 12:42	0°♒			
	-12359 May 12 j 15:39	0°♍				desc. node	-12357 Dec 16 j 01:18	10°♒17'55			
	-12359 Jun 06 j 20:15	0°♎					-12356 Jan 01 j 07:49	0°♓			
desc. node	-12359 Jun 30 j 05:26	26°♎59'43				morning set	-12356 Jan 20 j 05:30	23°♓00'48			
	-12359 Jul 02 j 21:39	0°♏					-12356 Jan 25 j 22:39	0°♑			
evening max el	-12359 Jul 24 j 03:44	22°♏52'28	47°44'17				-12356 Feb 19 j 08:07	0°♒			
	-12359 Jul 31 j 07:21	0°♐				max. Earth dist.	-12356 Feb 19 j 23:20	0°♒46'59	1.73212 AU		
greatest brilliancy	-12359 Sep 03 j 09:19	25°♐08'07	-4.9m								
retrograde	-12359 Sep 13 j 11:46	27°♐07'28				superior conj	-12356 Feb 24 j 13:48	6°♒28'20	-1°13'37		
evening set	-12359 Sep 28 j 23:08	22°♐11'30				minimum elong	-12356 Feb 24 j 19:22	6°♒45'33	1°14'12		
inferior conj	-12359 Oct 04 j 10:15	18°♐46'11	-3°29'28				-12356 Mar 14 j 13:05	0°♓			
minimum elong	-12359 Oct 04 j 16:56	18°♐35'24	3°26'55			evening rise	-12356 Mar 30 j 14:58	20°♓00'20			
min. Earth dist.	-12359 Oct 03 j 22:43	19°♐04'47	0.27930 AU			asc. node	-12356 Apr 04 j 22:58	26°♓39'05			
morning rise	-12359 Oct 10 j 11:28	15°♐02'26					-12356 Apr 07 j 15:26	0°♋			
asc. node	-12359 Oct 19 j 11:43	11°♐19'04					-12356 May 01 j 17:00	0°♌			
direct	-12359 Oct 25 j 03:25	10°♐38'51					-12356 May 25 j 19:20	0°♍			
greatest brilliancy	-12359 Nov 03 j 07:44	12°♐14'59	-4.8m				-12356 Jun 19 j 00:19	0°♎			
	-12359 Nov 30 j 21:24	0°♑					-12356 Jul 13 j 10:49	0°♏			
morning max el	-12359 Dec 13 j 04:59	11°♑13'40	46°02'19			desc. node	-12356 Jul 27 j 15:26	17°♑12'25			
	-12359 Dec 31 j 20:15	0°♒					-12356 Aug 07 j 07:27	0°♐			
	-12358 Jan 28 j 10:20	0°♓					-12356 Sep 01 j 23:08	0°♑			
desc. node	-12358 Feb 10 j 02:51	14°♓22'29					-12356 Sep 29 j 10:44	0°♒			
	-12358 Feb 23 j 15:12	0°♑				evening max el	-12356 Oct 02 j 17:53	3°♑20'49	46°04'33		
	-12358 Mar 20 j 22:15	0°♒					-12356 Nov 03 j 23:42	0°♓			
	-12358 Apr 14 j 13:06	0°♓				greatest brilliancy	-12356 Nov 10 j 00:38	2°♓55'53	-4.8m		
	-12358 May 08 j 16:28	0°♋				asc. node	-12356 Nov 15 j 22:14	4°♓44'36			
asc. node	-12358 May 31 j 23:16	29°♋17'34				retrograde	-12356 Nov 21 j 07:53	5°♓18'44			
	-12358 Jun 01 j 12:43	0°♌				evening set	-12356 Dec 07 j 00:07	0°♓26'20			
greatest brilliancy	-12358 Jun 02 j 03:30	0°♌46'44	-3.9m				-12356 Dec 07 j 18:04	30°♒♐			
morning set	-12358 Jun 07 j 00:28	6°♌56'20				inferior conj	-12356 Dec 12 j 15:59	26°♒54'46	5°31'17		
	-12358 Jun 25 j 05:42	0°♍				minimum elong	-12356 Dec 12 j 07:23	27°♒08'39	5°29'33		
						min. Earth dist.	-12356 Dec 12 j 11:10	27°♒02'33	0.29374 AU		
superior conj	-12358 Jul 17 j 04:57	27°♍48'01	1°19'56			morning rise	-12356 Dec 17 j 14:52	23°♒47'54			
minimum elong	-12358 Jul 16 j 22:52	27°♍28'50	1°20'11			direct	-12355 Jan 03 j 10:10	18°♒23'21			
	-12358 Jul 18 j 22:44	0°♎				greatest brilliancy	-12355 Jan 12 j 16:47	19°♒56'25	-4.7m		
max. Earth dist.	-12358 Jul 22 j 05:13	4°♎07'47	1.70802 AU				-12355 Jan 31 j 02:39	0°♏			
	-12358 Aug 11 j 18:31	0°♏				morning max el	-12355 Feb 21 j 06:25	17°♏57'36	46°06'11		
evening rise	-12358 Aug 29 j 04:49	21°♏48'03					-12355 Mar 05 j 11:03	0°♑			
	-12358 Sep 04 j 18:51	0°♐				desc. node	-12355 Mar 09 j 15:36	4°♑19'38			
desc. node	-12358 Sep 22 j 11:27	21°♐55'55					-12355 Apr 02 j 04:24	0°♒			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12355 Apr 27 j 23:08	0° Z				-12353 Oct 09 j 13:56	0° M		
	-12355 May 22 j 16:56	0° \approx				-12353 Nov 04 j 06:27	0° L		
	-12355 Jun 15 j 20:21	0° H				-12353 Dec 01 j 15:34	0° M		
asc. node	-12355 Jun 28 j 13:30	15° H 58'34		evening max el		-12353 Dec 13 j 07:23	11° M 40'10	44°50'54	
	-12355 Jul 09 j 16:24	0° Y		asc. node		-12353 Dec 14 j 08:18	12° M 39'42		
	-12355 Aug 02 j 10:22	0° B				-12352 Jan 03 j 19:55	0° A		
morning set	-12355 Aug 22 j 21:08	25° B 45'15		greatest brilliancy		-12352 Jan 19 j 16:43	8° A 45'45	-4.7m	
	-12355 Aug 26 j 06:18	0° II		retrograde		-12352 Jan 30 j 07:32	10° A 45'41		
	-12355 Sep 19 j 06:41	0° E		evening set		-12352 Feb 16 j 17:31	5° A 08'35		
				inferior conj		-12352 Feb 20 j 15:51	2° A 46'27	7°48'20	
superior conj	-12355 Oct 04 j 09:52	18° E 46'20	0°34'07	minimum elong		-12352 Feb 20 j 20:59	2° A 38'34	7°47'16	
minimum elong	-12355 Oct 04 j 18:23	19° E 12'42	0°34'28	min. Earth dist.		-12352 Feb 21 j 20:02	2° A 03'10	0.28991 AU	
max. Earth dist.	-12355 Oct 10 j 02:25	25° E 48'22	1.72584 AU	morning rise		-12352 Feb 25 j 00:04	0° A 08'49		
	-12355 Oct 13 j 11:56	0° Ω				-12352 Feb 25 j 06:08	30° R M		
desc. node	-12355 Oct 19 j 23:55	8° Ω 00'57		direct		-12352 Mar 13 j 14:53	24° M 24'19		
	-12355 Nov 06 j 20:51	0° M		greatest brilliancy		-12352 Mar 24 j 21:04	26° M 39'53	-4.8m	
evening rise	-12355 Nov 14 j 13:11	9° M 25'42				-12352 Mar 31 j 21:50	0° A		
	-12355 Dec 01 j 07:52	0° L		desc. node		-12352 Apr 06 j 03:10	3° A 12'38		
	-12355 Dec 25 j 20:37	0° M		morning max el		-12352 May 02 j 13:40	25° A 42'21	46°28'49	
	-12354 Jan 19 j 12:53	0° A				-12352 May 06 j 20:30	0° Z		
asc. node	-12354 Feb 08 j 02:11	23° A 32'08				-12352 Jun 03 j 08:57	0° \approx		
	-12354 Feb 13 j 12:05	0° Z				-12352 Jun 28 j 18:46	0° H		
	-12354 Mar 10 j 22:32	0° \approx				-12352 Jul 23 j 06:48	0° Y		
	-12354 Apr 06 j 02:52	0° H		asc. node		-12352 Jul 26 j 03:28	3° Y 32'34		
	-12354 May 03 j 19:26	0° Y				-12352 Aug 16 j 09:51	0° B		
evening max el	-12354 May 10 j 19:23	7° Y 05'07	47°20'58			-12352 Sep 09 j 11:28	0° II		
desc. node	-12354 Jun 01 j 22:03	26° Y 57'11				-12352 Oct 03 j 16:03	0° E		
	-12354 Jun 06 j 00:47	0° B				-12352 Oct 28 j 00:59	0° Ω		
greatest brilliancy	-12354 Jun 21 j 04:19	8° B 13'34	-4.9m	morning set		-12352 Nov 07 j 14:31	12° Ω 56'43		
retrograde	-12354 Jun 30 j 12:55	9° B 53'35		desc. node		-12352 Nov 16 j 13:27	23° Ω 54'20		
evening set	-12354 Jul 18 j 00:32	4° B 02'16				-12352 Nov 21 j 13:02	0° M		
min. Earth dist.	-12354 Jul 20 j 11:40	2° B 32'47	0.26622 AU	max. Earth dist.		-12352 Dec 15 j 05:33	28° M 58'32	1.73822 AU	
inferior conj	-12354 Jul 21 j 07:36	2° B 02'12	-8°39'56			-12352 Dec 16 j 01:37	0° L		
minimum elong	-12354 Jul 21 j 04:26	2° B 07'04	8°39'24						
morning rise	-12354 Jul 24 j 08:26	0° B 11'43		superior conj		-12352 Dec 16 j 18:55	0° L 52'59	-1°00'04	
	-12354 Jul 24 j 16:23	30° R Y		minimum elong		-12352 Dec 16 j 10:21	0° L 26'45	0°59'48	
direct	-12354 Aug 10 j 10:14	24° Y 29'35				-12351 Jan 09 j 12:44	0° M		
greatest brilliancy	-12354 Aug 20 j 05:01	26° Y 19'30	-4.9m	evening rise		-12351 Jan 21 j 19:11	15° M 04'57		
	-12354 Aug 27 j 23:36	0° B		greatest brilliancy		-12351 Jan 28 j 16:41	23° M 33'55	-3.9m	
asc. node	-12354 Sep 21 j 02:46	19° B 02'47				-12351 Feb 02 j 22:12	0° A		
morning max el	-12354 Sep 29 j 13:16	27° B 16'58	46°22'08			-12351 Feb 27 j 07:28	0° Z		
	-12354 Oct 02 j 05:30	0° II		asc. node		-12351 Mar 07 j 13:12	10° Z 07'06		
	-12354 Oct 30 j 00:03	0° E				-12351 Mar 23 j 18:31	0° \approx		
	-12354 Nov 25 j 07:43	0° Ω				-12351 Apr 17 j 09:02	0° H		
	-12354 Dec 21 j 02:29	0° M				-12351 May 12 j 05:01	0° Y		
desc. node	-12353 Jan 12 j 15:20	26° M 34'38				-12351 Jun 06 j 11:04	0° B		
	-12353 Jan 15 j 12:30	0° L		desc. node		-12351 Jun 29 j 07:42	26° B 17'52		
	-12353 Feb 09 j 13:13	0° M				-12351 Jul 02 j 15:16	0° II		
	-12353 Mar 06 j 04:11	0° A		evening max el		-12351 Jul 21 j 20:40	20° II 36'01	47°46'04	
morning set	-12353 Mar 27 j 13:54	26° A 26'40				-12351 Jul 31 j 09:22	0° E		
	-12353 Mar 30 j 10:32	0° Z		greatest brilliancy		-12351 Sep 01 j 01:57	22° E 49'05	-4.9m	
	-12353 Apr 23 j 10:37	0° \approx		retrograde		-12351 Sep 11 j 04:04	24° E 47'39		
max. Earth dist.	-12353 Apr 29 j 01:17	7° \approx 02'44	1.71531 AU	evening set		-12351 Sep 26 j 17:02	19° E 48'55		
				min. Earth dist.		-12351 Oct 01 j 13:57	16° E 46'02	0.27878 AU	
superior conj	-12353 May 02 j 07:37	11° \approx 08'54	-0°02'46	inferior conj		-12351 Oct 02 j 01:49	16° E 26'53	-3°48'39	
minimum elong	-12353 May 02 j 08:18	11° \approx 11'03	0°03'19	minimum elong		-12351 Oct 02 j 09:01	16° E 15'17	3°45'58	
behind sun begin	-12353 May 01 j 09:41	9° \approx 59'58		morning rise		-12351 Oct 08 j 01:47	12° E 45'16		
behind sun end	-12353 May 03 j 06:54	12° \approx 22'08		asc. node		-12351 Oct 18 j 13:57	8° E 43'04		
asc. node	-12353 May 03 j 11:52	12° \approx 37'43		direct		-12351 Oct 22 j 18:51	8° E 20'56		
	-12353 May 17 j 07:03	0° H		greatest brilliancy		-12351 Oct 31 j 22:19	9° E 56'49	-4.8m	
evening rise	-12353 Jun 09 j 01:54	28° H 42'56				-12351 Dec 01 j 02:38	0° Ω		
	-12353 Jun 10 j 02:22	0° Y		morning max el		-12351 Dec 10 j 20:54	9° Ω 01'22	46°02'33	
	-12353 Jun 03 j 22:49	0° B				-12351 Dec 31 j 14:02	0° M		
	-12353 Jul 27 j 22:33	0° II				-12350 Jan 28 j 00:46	0° L		
	-12353 Aug 21 j 03:30	0° E		desc. node		-12350 Feb 09 j 04:58	13° L 49'44		
desc. node	-12353 Aug 25 j 02:03	4° E 51'01				-12350 Feb 23 j 04:06	0° M		
	-12353 Sep 14 j 15:35	0° Ω				-12350 Mar 20 j 10:20	0° A		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12350 Apr 14 j 00:45	0° Z					-12348 Sep 29 j 07:32	0° M			
	-12350 May 08 j 03:54	0° \approx		evening max el			-12348 Sep 30 j 08:30	1° M 02'57	46°08'13		
asc. node	-12350 May 31 j 01:37	28° \approx 49'06					-12348 Nov 05 j 21:56	0° L			
greatest brilliancy	-12350 Jun 01 j 03:50	0° H 11'56	-3.9m		greatest brilliancy		-12348 Nov 07 j 18:57	0° L 48'20	-4.8m		
	-12350 Jun 01 j 00:04	0° H			asc. node		-12348 Nov 15 j 00:42	2° L 51'53			
morning set	-12350 Jun 04 j 14:37	4° H 33'27			retrograde		-12348 Nov 19 j 01:21	3° L 11'10			
	-12350 Jun 24 j 17:03	0° Y					-12348 Dec 01 j 14:00	30° R M			
					evening set		-12348 Dec 04 j 15:50	28° M 20'59			
superior conj	-12350 Jul 14 j 15:10	25° Y 12'42	1°18'48		inferior conj		-12348 Dec 10 j 09:35	24° M 46'48	5°17'40		
minimum elong	-12350 Jul 14 j 08:17	24° Y 50'56	1°19'00		minimum elong		-12348 Dec 10 j 01:05	25° M 00'31	5°15'57		
	-12350 Jul 18 j 10:08	0° B			min. Earth dist.		-12348 Dec 10 j 04:19	24° M 55'18	0.29345 AU		
max. Earth dist.	-12350 Jul 19 j 08:26	1° B 10'26	1.70776 AU		morning rise		-12348 Dec 15 j 10:31	21° M 36'45			
	-12350 Aug 11 j 05:59	0° II			direct		-12347 Jan 01 j 02:32	16° M 15'36			
evening rise	-12350 Aug 26 j 11:44	19° II 03'58			greatest brilliancy		-12347 Jan 10 j 09:33	17° M 48'54	-4.7m		
	-12350 Sep 04 j 06:23	0° G					-12347 Jan 31 j 15:57	0° L			
desc. node	-12350 Sep 21 j 13:33	21° G 26'30			morning max el		-12347 Feb 18 j 22:13	15° L 47'22	46°05'39		
	-12350 Sep 28 j 11:56	0° O					-12347 Mar 05 j 05:48	0° M			
	-12350 Oct 22 j 22:30	0° M			desc. node		-12347 Mar 08 j 17:43	3° M 38'18			
	-12350 Nov 16 j 14:42	0° L					-12347 Apr 01 j 19:12	0° J			
	-12350 Dec 11 j 15:56	0° M					-12347 Apr 27 j 12:20	0° Z			
	-12349 Jan 06 j 10:12	0° J					-12347 May 22 j 05:20	0° \approx			
asc. node	-12349 Jan 10 j 18:06	4° J 54'54					-12347 Jun 15 j 08:21	0° H			
	-12349 Feb 02 j 14:17	0° Z			asc. node		-12347 Jun 27 j 15:38	15° H 27'58			
evening max el	-12349 Feb 23 j 14:40	21° Z 11'27	45°27'10				-12347 Jul 09 j 04:08	0° Y			
	-12349 Mar 05 j 07:42	0° \approx					-12347 Aug 01 j 21:57	0° B			
greatest brilliancy	-12349 Apr 03 j 15:17	18° \approx 56'22	-4.8m		morning set		-12347 Aug 20 j 06:25	23° B 07'26			
retrograde	-12349 Apr 13 j 10:00	20° \approx 37'44					-12347 Aug 25 j 17:47	0° II			
evening set	-12349 Apr 27 j 22:03	16° \approx 43'27					-12347 Sep 18 j 18:04	0° G			
inferior conj	-12349 May 04 j 07:31	13° \approx 08'00	0°04'04								
minimum elong	-12349 May 04 j 07:39	13° \approx 07'49	0°03'28		superior conj		-12347 Oct 01 j 19:57	16° G 14'02	0°37'31		
transit middle	-12349 May 04 j 07:39	13° \approx 07'49	0°03'28		minimum elong		-12347 Oct 02 j 05:11	16° G 42'35	0°37'52		
transit begin	-12349 May 04 j 03:36	13° \approx 13'47			max. Earth dist.		-12347 Oct 07 j 16:39	23° G 29'12	1.72514 AU		
transit end	-12349 May 04 j 11:42	13° \approx 01'50					-12347 Oct 12 j 23:14	0° O			
desc. node	-12349 May 04 j 14:13	12° \approx 58'07			desc. node		-12347 Oct 19 j 02:11	7° O 33'10			
min. Earth dist.	-12349 May 04 j 20:45	12° \approx 48'29	0.26786 AU				-12347 Nov 06 j 08:06	0° M			
morning rise	-12349 May 10 j 16:24	9° \approx 31'48			evening rise		-12347 Nov 12 j 03:49	7° M 08'46			
direct	-12349 May 25 j 04:51	5° \approx 31'12					-12347 Nov 30 j 19:10	0° L			
greatest brilliancy	-12349 Jun 05 j 16:14	7° \approx 55'47	-4.9m				-12347 Dec 25 j 08:07	0° M			
	-12349 Jul 06 j 03:01	0° H					-12346 Jan 19 j 00:49	0° J			
morning max el	-12349 Jul 14 j 17:53	8° H 29'30	46°40'08		asc. node		-12346 Feb 07 j 04:24	23° J 01'29			
	-12349 Aug 03 j 17:15	0° Y					-12346 Feb 13 j 00:47	0° Z			
asc. node	-12349 Aug 23 j 16:48	23° Y 03'01					-12346 Mar 10 j 12:33	0° \approx			
	-12349 Aug 29 j 13:56	0° B					-12346 Apr 05 j 19:21	0° H			
	-12349 Sep 23 j 14:00	0° II					-12346 May 03 j 17:37	0° Y			
	-12349 Oct 18 j 08:47	0° G			evening max el		-12346 May 08 j 08:03	4° Y 37'12	47°17'40		
	-12349 Nov 12 j 04:07	0° O			desc. node		-12346 Jun 01 j 00:20	25° Y 38'48			
	-12349 Dec 07 j 00:24	0° M					-12346 Jun 07 j 07:04	0° B			
desc. node	-12349 Dec 15 j 03:29	9° M 49'31			greatest brilliancy		-12346 Jun 18 j 16:03	5° B 41'01	-4.9m		
	-12349 Dec 31 j 19:12	0° L			retrograde		-12346 Jun 28 j 01:22	7° B 21'48			
morning set	-12348 Jan 17 j 23:36	20° L 55'18			evening set		-12346 Jul 15 j 09:52	1° B 35'13			
	-12348 Jan 25 j 09:50	0° M			min. Earth dist.		-12346 Jul 17 j 23:43	0° B 02'09	0.26588 AU		
max. Earth dist.	-12348 Feb 17 j 18:34	28° M 43'51	1.73261 AU				-12346 Jul 18 j 01:07	30° R Y			
	-12348 Feb 18 j 19:14	0° J			inferior conj		-12346 Jul 18 j 19:48	29° Y 31'28	-8°35'33		
					minimum elong		-12346 Jul 18 j 15:45	29° Y 37'39	8°34'57		
superior conj	-12348 Feb 22 j 09:39	4° J 26'55	-1°14'44		morning rise		-12346 Jul 21 j 21:46	27° Y 39'51			
minimum elong	-12348 Feb 22 j 14:48	4° J 42'52	1°15'18		direct		-12346 Aug 07 j 22:25	21° Y 59'30			
	-12348 Mar 14 j 00:17	0° Z			greatest brilliancy		-12346 Aug 17 j 18:12	23° Y 50'39	-4.9m		
evening rise	-12348 Mar 28 j 09:59	17° Z 54'57					-12346 Aug 29 j 12:12	0° B			
asc. node	-12348 Apr 04 j 01:10	26° Z 10'33			asc. node		-12346 Sep 20 j 04:59	18° B 03'58			
	-12348 Apr 07 j 02:50	0° \approx			morning max el		-12346 Sep 27 j 03:07	24° B 52'27	46°23'13		
	-12348 May 01 j 04:39	0° H					-12346 Oct 02 j 03:20	0° II			
	-12348 May 25 j 07:17	0° Y					-12346 Oct 29 j 16:11	0° G			
	-12348 Jun 18 j 12:39	0° B					-12346 Nov 24 j 21:33	0° O			
	-12348 Jul 12 j 23:43	0° II					-12346 Dec 20 j 15:06	0° M			
desc. node	-12348 Jul 26 j 17:40	16° II 38'59			desc. node		-12345 Jan 11 j 17:23	26° M 05'10			
	-12348 Aug 06 j 21:16	0° G					-12345 Jan 15 j 00:24	0° L			
	-12348 Sep 01 j 14:49	0° O					-12345 Feb 09 j 00:42	0° M			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12345 Mar 05 j 15:25	0°♊		evening max el	-12343 Jul 19 j 13:05	18°♊18'35	47°47'47
morning set	-12345 Mar 25 j 09:05	24°♊22'38			-12343 Jul 31 j 12:34	0°♋	
	-12345 Mar 29 j 21:40	0°♌		greatest brilliancy	-12343 Aug 29 j 19:02	20°♋31'12	-4.9m
	-12345 Apr 22 j 21:44	0°♍		retrograde	-12343 Sep 08 j 20:02	22°♋28'19	
max. Earth dist.	-12345 Apr 26 j 16:09	4°♍43'42	1.71588 AU	evening set	-12343 Sep 24 j 11:05	17°♋26'56	
				min. Earth dist.	-12343 Sep 29 j 05:24	14°♋27'44	0.27823 AU
superior conj	-12345 Apr 30 j 00:30	8°♍56'00	-0°05'59	inferior conj	-12343 Sep 29 j 17:27	14°♋08'18	-4°07'27
minimum elong	-12345 Apr 30 j 01:49	9°♍00'10	0°06'31	minimum elong	-12343 Sep 30 j 01:06	13°♋55'57	4°04'41
behind sun begin	-12345 Apr 29 j 04:41	7°♍53'44		morning rise	-12343 Oct 05 j 15:56	10°♋28'52	
behind sun end	-12345 Apr 30 j 22:58	10°♍06'37		asc. node	-12343 Oct 17 j 16:24	6°♋13'07	
asc. node	-12345 May 02 j 14:11	12°♍09'53		direct	-12343 Oct 20 j 10:05	6°♋03'49	
	-12345 May 16 j 18:17	0°♎		greatest brilliancy	-12343 Oct 29 j 13:13	7°♋39'29	-4.8m
evening rise	-12345 Jun 06 j 15:17	26°♎18'03			-12343 Dec 01 j 05:46	0°♏	
	-12345 Jun 09 j 13:46	0°♏		morning max el	-12343 Dec 08 j 12:07	6°♏47'56	46°02'56
	-12345 Jul 03 j 10:24	0°♐			-12343 Dec 31 j 07:06	0°♐	
	-12345 Jul 27 j 10:19	0°♑			-12342 Jan 27 j 14:42	0°♑	
	-12345 Aug 20 j 15:30	0°♒		desc. node	-12342 Feb 08 j 07:07	13°♑18'12	
desc. node	-12345 Aug 24 j 04:14	4°♒20'42			-12342 Feb 22 j 16:35	0°♒	
	-12345 Sep 14 j 03:56	0°♓			-12342 Mar 19 j 22:04	0°♓	
	-12345 Oct 09 j 02:58	0°♑			-12342 Apr 13 j 12:06	0°♌	
	-12345 Nov 03 j 21:03	0°♒			-12342 May 07 j 15:06	0°♍	
	-12345 Dec 01 j 10:22	0°♓		asc. node	-12342 May 30 j 03:46	28°♍20'33	
evening max el	-12345 Dec 10 j 23:47	9°♓30'58	44°51'44	greatest brilliancy	-12342 May 31 j 03:47	29°♍36'26	-3.9m
asc. node	-12345 Dec 13 j 10:33	11°♓50'44			-12342 May 31 j 11:15	0°♎	
	-12344 Jan 04 j 14:57	0°♊		morning set	-12342 Jun 02 j 04:42	2°♎10'57	
greatest brilliancy	-12344 Jan 17 j 07:21	6°♊36'28	-4.7m		-12342 Jun 24 j 04:16	0°♏	
retrograde	-12344 Jan 27 j 23:41	8°♊37'23					
evening set	-12344 Feb 14 j 10:43	2°♊58'03		superior conj	-12342 Jul 12 j 01:18	22°♏37'38	1°17'29
inferior conj	-12344 Feb 18 j 07:58	0°♊36'57	7°53'13	minimum elong	-12342 Jul 11 j 17:40	22°♏13'30	1°17'38
minimum elong	-12344 Feb 18 j 12:29	0°♊29'58	7°52'15	max. Earth dist.	-12342 Jul 16 j 07:17	27°♏59'45	1.70751 AU
	-12344 Feb 19 j 07:56	30°♋♌			-12342 Jul 17 j 21:22	0°♐	
min. Earth dist.	-12344 Feb 19 j 10:51	29°♋55'30	0.29053 AU		-12342 Aug 10 j 17:14	0°♑	
morning rise	-12344 Feb 22 j 13:56	28°♋02'12		evening rise	-12342 Aug 23 j 18:27	16°♑19'51	
direct	-12344 Mar 11 j 07:59	22°♋13'52			-12342 Sep 03 j 17:42	0°♒	
greatest brilliancy	-12344 Mar 22 j 11:11	24°♋26'43	-4.8m	desc. node	-12342 Sep 20 j 15:53	20°♒58'37	
	-12344 Apr 02 j 05:49	0°♊			-12342 Sep 27 j 23:19	0°♓	
desc. node	-12344 Apr 05 j 05:30	1°♊58'57			-12342 Oct 22 j 10:02	0°♑	
morning max el	-12344 Apr 30 j 05:44	23°♊28'19	46°27'54		-12342 Nov 16 j 02:34	0°♒	
	-12344 May 06 j 17:07	0°♌			-12342 Dec 11 j 04:30	0°♓	
	-12344 Jun 03 j 00:34	0°♍			-12341 Jan 06 j 00:17	0°♊	
	-12344 Jun 28 j 08:28	0°♎		asc. node	-12341 Jan 09 j 20:24	4°♊20'39	
	-12344 Jul 22 j 19:33	0°♏			-12341 Feb 02 j 07:58	0°♌	
asc. node	-12344 Jul 25 j 05:36	2°♏59'55		evening max el	-12341 Feb 21 j 03:14	18°♌51'11	45°24'05
	-12344 Aug 15 j 22:03	0°♐			-12341 Mar 05 j 14:26	0°♍	
	-12344 Sep 08 j 23:18	0°♑		greatest brilliancy	-12341 Apr 01 j 03:48	16°♍34'18	-4.8m
	-12344 Oct 03 j 03:36	0°♒		retrograde	-12341 Apr 10 j 21:28	18°♍15'10	
	-12344 Oct 27 j 12:17	0°♓		evening set	-12341 Apr 25 j 11:16	14°♍19'16	
morning set	-12344 Nov 05 j 03:52	10°♓36'16		inferior conj	-12341 May 01 j 19:58	10°♍45'05	0°26'59
desc. node	-12344 Nov 15 j 15:38	23°♓26'57		minimum elong	-12341 May 01 j 20:58	10°♍43'36	0°26'05
	-12344 Nov 21 j 00:07	0°♑		min. Earth dist.	-12341 May 02 j 11:17	10°♍22'28	0.26848 AU
max. Earth dist.	-12344 Dec 13 j 05:36	27°♑11'43	1.73807 AU	desc. node	-12341 May 03 j 16:26	9°♍39'37	
				morning rise	-12341 May 08 j 05:41	7°♍07'26	
superior conj	-12344 Dec 14 j 12:04	28°♑44'58	-0°57'59	direct	-12341 May 22 j 17:42	3°♍06'37	
minimum elong	-12344 Dec 14 j 03:24	28°♑18'28	0°57'40	greatest brilliancy	-12341 Jun 03 j 07:38	5°♍33'04	-4.9m
	-12344 Dec 15 j 12:34	0°♒			-12341 Jul 06 j 05:30	0°♎	
	-12343 Jan 08 j 23:39	0°♓		morning max el	-12341 Jul 12 j 06:25	6°♎00'31	46°40'17
evening rise	-12343 Jan 19 j 15:07	13°♓05'02			-12341 Aug 03 j 10:46	0°♏	
greatest brilliancy	-12343 Jan 27 j 15:13	22°♓55'41	-3.9m	asc. node	-12341 Aug 22 j 19:02	22°♏25'07	
	-12343 Feb 02 j 09:12	0°♊			-12341 Aug 29 j 04:31	0°♐	
	-12343 Feb 26 j 18:45	0°♌			-12341 Sep 23 j 03:10	0°♑	
asc. node	-12343 Mar 06 j 15:28	9°♌38'58			-12341 Oct 17 j 21:07	0°♒	
	-12343 Mar 23 j 06:17	0°♍			-12341 Nov 11 j 15:53	0°♓	
	-12343 Apr 16 j 21:29	0°♎		desc. node	-12341 Dec 06 j 11:45	0°♑	
	-12343 May 11 j 18:25	0°♏			-12341 Dec 14 j 05:30	9°♑21'40	
	-12343 Jun 06 j 01:57	0°♐			-12341 Dec 31 j 06:14	0°♒	
desc. node	-12343 Jun 28 j 09:55	25°♐35'42		morning set	-12340 Jan 15 j 17:54	18°♒51'21	
	-12343 Jul 02 j 09:07	0°♑			-12340 Jan 24 j 20:39	0°♓	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

max. Earth dist.	-12340 Feb 15 j 15:42	26° \mathbb{M} 47'45	1.73304 AU	min. Earth dist.	-12338 Jul 15 j 11:33	27° \mathbb{Y} 33'35	0.26561 AU
	-12340 Feb 18 j 05:59	0° \mathbb{X}		inferior conj	-12338 Jul 16 j 08:08	27° \mathbb{Y} 02'15	-8°30'07
				minimum elong	-12338 Jul 16 j 03:14	27° \mathbb{Y} 09'43	8°29'25
superior conj	-12340 Feb 20 j 05:54	2° \mathbb{X} 27'57	-1°15'44	morning rise	-12338 Jul 19 j 11:37	25° \mathbb{Y} 08'52	
minimum elong	-12340 Feb 20 j 10:39	2° \mathbb{X} 42'39	1°16'19	direct	-12338 Aug 05 j 11:17	19° \mathbb{Y} 31'06	
	-12340 Mar 13 j 11:06	0° \mathbb{Z}		greatest brilliancy	-12338 Aug 15 j 07:01	21° \mathbb{Y} 22'37	-4.9m
evening rise	-12340 Mar 26 j 05:33	15° \mathbb{Z} 52'39			-12338 Aug 30 j 13:34	0° \mathbb{Z}	
asc. node	-12340 Apr 03 j 03:35	25° \mathbb{Z} 43'59		asc. node	-12338 Sep 19 j 07:23	17° \mathbb{Z} 07'35	
	-12340 Apr 06 j 13:49	0° \mathbb{X}		morning max el	-12338 Sep 24 j 17:25	22° \mathbb{Z} 29'35	46°23'54
	-12340 Apr 30 j 15:54	0° \mathbb{X}			-12338 Oct 02 j 00:13	0° \mathbb{Z}	
	-12340 May 24 j 18:55	0° \mathbb{Y}			-12338 Oct 29 j 07:58	0° \mathbb{Z}	
	-12340 Jun 18 j 00:46	0° \mathbb{Z}			-12338 Nov 24 j 11:11	0° \mathbb{Z}	
	-12340 Jul 12 j 12:28	0° \mathbb{II}			-12338 Dec 20 j 03:33	0° \mathbb{II}	
desc. node	-12340 Jul 25 j 19:53	16° \mathbb{II} 05'58		desc. node	-12337 Jan 10 j 19:36	25° \mathbb{II} 36'41	
	-12340 Aug 06 j 11:01	0° \mathbb{Z}			-12337 Jan 14 j 12:07	0° \mathbb{Z}	
	-12340 Sep 01 j 06:31	0° \mathbb{Z}			-12337 Feb 08 j 11:58	0° \mathbb{M}	
evening max el	-12340 Sep 27 j 23:34	28° \mathbb{Z} 46'47	46°12'10		-12337 Mar 05 j 02:27	0° \mathbb{X}	
	-12340 Sep 29 j 04:48	0° \mathbb{II}		morning set	-12337 Mar 23 j 04:22	22° \mathbb{X} 19'38	
greatest brilliancy	-12340 Nov 05 j 12:50	28° \mathbb{II} 40'55	-4.8m		-12337 Mar 29 j 08:36	0° \mathbb{Z}	
	-12340 Nov 09 j 09:03	0° \mathbb{Z}			-12337 Apr 22 j 08:41	0° \mathbb{X}	
asc. node	-12340 Nov 14 j 02:54	0° \mathbb{Z} 55'41		max. Earth dist.	-12337 Apr 24 j 05:08	2° \mathbb{X} 19'25	1.71642 AU
retrograde	-12340 Nov 16 j 19:20	1° \mathbb{Z} 04'23					
	-12340 Nov 23 j 23:58	30° \mathbb{R} \mathbb{II}		superior conj	-12337 Apr 27 j 17:48	6° \mathbb{X} 45'09	-0°09'09
evening set	-12340 Dec 02 j 07:39	26° \mathbb{II} 16'07		minimum elong	-12337 Apr 27 j 19:45	6° \mathbb{X} 51'17	0°09'40
inferior conj	-12340 Dec 08 j 03:10	22° \mathbb{II} 39'29	5°03'43	behind sun begin	-12337 Apr 27 j 01:20	5° \mathbb{X} 53'26	
minimum elong	-12340 Dec 07 j 18:47	22° \mathbb{II} 52'59	5°01'59	behind sun end	-12337 Apr 28 j 14:10	7° \mathbb{X} 49'08	
min. Earth dist.	-12340 Dec 07 j 21:12	22° \mathbb{II} 49'06	0.29311 AU	asc. node	-12337 May 01 j 16:20	11° \mathbb{X} 42'06	
morning rise	-12340 Dec 13 j 06:09	19° \mathbb{II} 26'32			-12337 May 16 j 05:19	0° \mathbb{X}	
direct	-12340 Dec 29 j 19:03	14° \mathbb{II} 08'33		evening rise	-12337 Jun 04 j 05:15	23° \mathbb{X} 55'44	
greatest brilliancy	-12339 Jan 08 j 01:56	15° \mathbb{II} 41'58	-4.7m		-12337 Jun 09 j 00:56	0° \mathbb{Y}	
	-12339 Feb 01 j 01:27	0° \mathbb{Z}			-12337 Jul 02 j 21:45	0° \mathbb{Z}	
morning max el	-12339 Feb 16 j 15:03	13° \mathbb{Z} 40'43	46°05'16		-12337 Jul 26 j 21:52	0° \mathbb{II}	
	-12339 Mar 04 j 23:40	0° \mathbb{M}			-12337 Aug 20 j 03:19	0° \mathbb{Z}	
desc. node	-12339 Mar 07 j 19:58	2° \mathbb{M} 58'55		desc. node	-12337 Aug 23 j 06:35	3° \mathbb{Z} 51'25	
	-12339 Apr 01 j 09:25	0° \mathbb{X}			-12337 Sep 13 j 16:11	0° \mathbb{Z}	
	-12339 Apr 27 j 01:02	0° \mathbb{Z}			-12337 Oct 08 j 16:02	0° \mathbb{II}	
	-12339 May 21 j 17:18	0° \mathbb{X}			-12337 Nov 03 j 11:49	0° \mathbb{Z}	
	-12339 Jun 14 j 19:55	0° \mathbb{X}			-12337 Dec 01 j 05:45	0° \mathbb{M}	
asc. node	-12339 Jun 26 j 17:49	14° \mathbb{X} 58'41		evening max el	-12337 Dec 08 j 15:52	7° \mathbb{M} 20'45	44°52'43
	-12339 Jul 08 j 15:32	0° \mathbb{Y}		asc. node	-12337 Dec 12 j 12:51	11° \mathbb{M} 00'50	
	-12339 Aug 01 j 09:15	0° \mathbb{Z}			-12336 Jan 05 j 17:08	0° \mathbb{X}	
morning set	-12339 Aug 17 j 15:22	20° \mathbb{Z} 29'15		greatest brilliancy	-12336 Jan 14 j 22:39	4° \mathbb{X} 27'49	-4.7m
	-12339 Aug 25 j 05:03	0° \mathbb{II}		retrograde	-12336 Jan 25 j 15:17	6° \mathbb{X} 29'03	
	-12339 Sep 18 j 05:15	0° \mathbb{Z}		evening set	-12336 Feb 12 j 03:43	0° \mathbb{X} 47'59	
					-12336 Feb 13 j 11:54	30° \mathbb{R} \mathbb{M}	
superior conj	-12339 Sep 29 j 05:17	13° \mathbb{Z} 39'46	0°40'55	inferior conj	-12336 Feb 16 j 00:05	28° \mathbb{M} 27'39	7°57'24
minimum elong	-12339 Sep 29 j 15:10	14° \mathbb{Z} 10'24	0°41'15	minimum elong	-12336 Feb 16 j 03:57	28° \mathbb{M} 21'40	7°56'33
max. Earth dist.	-12339 Oct 05 j 04:37	21° \mathbb{Z} 03'25	1.72445 AU	min. Earth dist.	-12336 Feb 17 j 01:56	27° \mathbb{M} 47'39	0.29108 AU
	-12339 Oct 12 j 10:20	0° \mathbb{Z}		morning rise	-12336 Feb 20 j 03:54	25° \mathbb{M} 55'30	
desc. node	-12339 Oct 18 j 04:23	7° \mathbb{Z} 05'45		direct	-12336 Mar 09 j 00:43	20° \mathbb{M} 03'41	
	-12339 Nov 05 j 19:09	0° \mathbb{II}		greatest brilliancy	-12336 Mar 20 j 01:23	22° \mathbb{M} 13'51	-4.8m
evening rise	-12339 Nov 09 j 17:48	4° \mathbb{II} 50'33			-12336 Apr 03 j 04:51	0° \mathbb{X}	
	-12339 Nov 30 j 06:14	0° \mathbb{Z}		desc. node	-12336 Apr 04 j 07:45	0° \mathbb{X} 47'24	
	-12339 Dec 24 j 19:24	0° \mathbb{M}		morning max el	-12336 Apr 27 j 20:55	21° \mathbb{X} 12'28	46°27'03
	-12338 Jan 18 j 12:31	0° \mathbb{X}			-12336 May 06 j 13:01	0° \mathbb{Z}	
asc. node	-12338 Feb 06 j 06:44	22° \mathbb{X} 31'55			-12336 Jun 02 j 15:51	0° \mathbb{X}	
	-12338 Feb 12 j 13:15	0° \mathbb{Z}			-12336 Jun 27 j 21:56	0° \mathbb{X}	
	-12338 Mar 10 j 02:22	0° \mathbb{X}			-12336 Jul 22 j 08:06	0° \mathbb{Y}	
	-12338 Apr 05 j 11:42	0° \mathbb{X}		asc. node	-12336 Jul 24 j 07:50	2° \mathbb{Y} 28'06	
	-12338 May 03 j 16:06	0° \mathbb{Y}			-12336 Aug 15 j 10:04	0° \mathbb{Z}	
evening max el	-12338 May 05 j 21:48	2° \mathbb{Y} 13'38	47°14'25		-12336 Sep 08 j 10:58	0° \mathbb{II}	
desc. node	-12338 May 31 j 02:29	24° \mathbb{Y} 19'15			-12336 Oct 02 j 15:00	0° \mathbb{Z}	
	-12338 Jun 09 j 01:04	0° \mathbb{Z}			-12336 Oct 26 j 23:31	0° \mathbb{Z}	
greatest brilliancy	-12338 Jun 16 j 03:15	3° \mathbb{Z} 09'46	-4.9m	morning set	-12336 Nov 02 j 16:58	8° \mathbb{Z} 15'06	
retrograde	-12338 Jun 25 j 14:24	4° \mathbb{Z} 51'45		desc. node	-12336 Nov 14 j 17:40	22° \mathbb{Z} 59'08	
	-12338 Jul 11 j 08:28	30° \mathbb{R} \mathbb{Y}			-12336 Nov 20 j 11:13	0° \mathbb{II}	
evening set	-12338 Jul 12 j 19:00	29° \mathbb{Y} 10'21		max. Earth dist.	-12336 Dec 11 j 03:45	25° \mathbb{II} 18'53	1.73792 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

superior conj	-12336 Dec 12 j 04:42	26° \cap 35'16	-0°55'46	direct	-12333 May 20 j 06:36	0° \approx 40'59	
minimum elong	-12336 Dec 11 j 20:00	26° \cap 08'38	0°55'24	greatest brilliancy	-12333 May 31 j 22:48	3° \approx 09'30	-4.9m
	-12336 Dec 14 j 23:34	0° $\underline{\cap}$			-12333 Jul 06 j 06:51	0° H	
	-12335 Jan 08 j 10:37	0° \cap		morning max el	-12333 Jul 09 j 19:48	3° H 33'17	46°40'26
evening rise	-12335 Jan 17 j 10:30	11° \cap 03'16			-12333 Aug 03 j 04:07	0° Y	
greatest brilliancy	-12335 Jan 26 j 13:19	22° \cap 15'57	-3.9m	asc. node	-12333 Aug 21 j 21:17	21° Y 47'01	
	-12335 Feb 01 j 20:16	0° Z			-12333 Aug 28 j 19:08	0° B	
	-12335 Feb 26 j 06:06	0° Z			-12333 Sep 22 j 16:26	0° II	
asc. node	-12335 Mar 05 j 17:50	9° Z 11'05			-12333 Oct 17 j 09:35	0° G	
	-12335 Mar 22 j 18:07	0° \approx			-12333 Nov 11 j 03:48	0° Ω	
	-12335 Apr 16 j 10:01	0° H			-12333 Dec 05 j 23:15	0° \cap	
	-12335 May 11 j 07:56	0° Y		desc. node	-12333 Dec 13 j 07:43	8° \cap 53'52	
	-12335 Jun 05 j 17:01	0° B			-12333 Dec 30 j 17:26	0° $\underline{\cap}$	
desc. node	-12335 Jun 27 j 12:16	24° B 53'30		morning set	-12332 Jan 13 j 12:02	16° $\underline{\cap}$ 46'20	
	-12335 Jul 02 j 03:20	0° II			-12332 Jan 24 j 07:42	0° \cap	
evening max el	-12335 Jul 17 j 04:35	15° II 58'43	47°49'24	max. Earth dist.	-12332 Feb 13 j 13:59	24° \cap 54'22	1.73352 AU
	-12335 Jul 31 j 17:26	0° G			-12332 Feb 17 j 17:01	0° Z	
greatest brilliancy	-12335 Aug 27 j 12:34	18° G 13'50	-4.9m				
retrograde	-12335 Sep 06 j 11:33	20° G 09'00		superior conj	-12332 Feb 18 j 01:55	0° Z 27'30	-1°16'38
evening set	-12335 Sep 22 j 05:13	15° G 04'52		minimum elong	-12332 Feb 18 j 06:15	0° Z 40'53	1°17'13
inferior conj	-12335 Sep 27 j 09:05	11° G 49'52	-4°25'52		-12332 Mar 12 j 22:13	0° Z	
minimum elong	-12335 Sep 27 j 17:09	11° G 36'51	4°23'02	evening rise	-12332 Mar 24 j 00:53	13° Z 48'42	
min. Earth dist.	-12335 Sep 26 j 21:07	12° G 09'13	0.27770 AU	asc. node	-12332 Apr 02 j 05:41	25° Z 15'27	
morning rise	-12335 Oct 03 j 05:52	8° G 12'43			-12332 Apr 06 j 01:08	0° \approx	
asc. node	-12335 Oct 16 j 18:33	3° G 48'39			-12332 Apr 30 j 03:29	0° H	
direct	-12335 Oct 18 j 00:51	3° G 46'42			-12332 May 24 j 06:51	0° Y	
greatest brilliancy	-12335 Oct 27 j 04:32	5° G 22'35	-4.8m		-12332 Jun 17 j 13:11	0° B	
	-12335 Dec 01 j 07:29	0° Ω			-12332 Jul 12 j 01:32	0° II	
morning max el	-12335 Dec 06 j 02:35	4° Ω 32'19	46°03'11	desc. node	-12332 Jul 24 j 22:13	15° II 32'22	
	-12335 Dec 30 j 23:59	0° \cap			-12332 Aug 06 j 01:07	0° G	
	-12334 Jan 27 j 04:42	0° $\underline{\cap}$			-12332 Aug 31 j 22:44	0° Ω	
desc. node	-12334 Feb 07 j 09:19	12° $\underline{\cap}$ 46'23		evening max el	-12332 Sep 25 j 15:41	26° Ω 32'30	46°16'10
	-12334 Feb 22 j 05:13	0° \cap			-12332 Sep 29 j 03:09	0° \cap	
	-12334 Mar 19 j 09:57	0° Z		greatest brilliancy	-12332 Nov 03 j 06:31	26° \cap 32'31	-4.8m
	-12334 Apr 12 j 23:36	0° Z		asc. node	-12332 Nov 13 j 05:11	28° \cap 54'31	
	-12334 May 07 j 02:25	0° \approx		retrograde	-12332 Nov 14 j 13:46	28° \cap 56'46	
asc. node	-12334 May 29 j 05:52	27° \approx 51'37		evening set	-12332 Nov 29 j 23:37	24° \cap 10'23	
greatest brilliancy	-12334 May 30 j 00:13	28° \approx 49'33	-3.9m	inferior conj	-12332 Dec 05 j 20:43	20° \cap 31'21	4°49'21
morning set	-12334 May 30 j 18:49	29° \approx 48'18		minimum elong	-12332 Dec 05 j 12:32	20° \cap 44'32	4°47'37
	-12334 May 30 j 22:32	0° H		min. Earth dist.	-12332 Dec 05 j 13:49	20° \cap 42'29	0.29274 AU
	-12334 Jun 23 j 15:34	0° Y		morning rise	-12332 Dec 11 j 01:46	17° \cap 15'35	
				direct	-12332 Dec 27 j 11:55	12° \cap 00'52	
superior conj	-12334 Jul 09 j 11:35	20° Y 02'37	1°16'01	greatest brilliancy	-12331 Jan 05 j 17:43	13° \cap 33'49	-4.7m
minimum elong	-12334 Jul 09 j 03:18	19° Y 36'25	1°16'06		-12331 Feb 01 j 08:39	0° $\underline{\cap}$	
max. Earth dist.	-12334 Jul 13 j 04:24	24° Y 43'17	1.70733 AU	morning max el	-12331 Feb 14 j 08:30	11° $\underline{\cap}$ 35'02	46°04'44
	-12334 Jul 17 j 08:42	0° B			-12331 Mar 04 j 17:27	0° \cap	
	-12334 Aug 10 j 04:37	0° II		desc. node	-12331 Mar 06 j 22:09	2° \cap 18'58	
evening rise	-12334 Aug 21 j 01:19	13° II 35'49			-12331 Mar 31 j 23:49	0° Z	
	-12334 Sep 03 j 05:07	0° G			-12331 Apr 26 j 14:03	0° Z	
desc. node	-12334 Sep 19 j 18:04	20° G 29'58			-12331 May 21 j 05:37	0° \approx	
	-12334 Sep 27 j 10:49	0° Ω			-12331 Jun 14 j 07:50	0° H	
	-12334 Oct 21 j 21:40	0° \cap		asc. node	-12331 Jun 25 j 20:03	14° H 28'32	
	-12334 Nov 15 j 14:33	0° $\underline{\cap}$			-12331 Jul 08 j 03:14	0° Y	
	-12334 Dec 10 j 17:16	0° \cap			-12331 Jul 31 j 20:50	0° B	
	-12333 Jan 05 j 14:45	0° Z		morning set	-12331 Aug 15 j 00:21	17° B 50'14	
asc. node	-12333 Jan 08 j 22:44	3° Z 45'35			-12331 Aug 24 j 16:33	0° II	
	-12333 Feb 02 j 02:25	0° Z			-12331 Sep 17 j 16:42	0° G	
evening max el	-12333 Feb 18 j 15:45	16° Z 30'03	45°21'07				
	-12333 Mar 06 j 00:14	0° \approx		superior conj	-12331 Sep 26 j 14:30	11° G 04'09	0°44'14
greatest brilliancy	-12333 Mar 29 j 15:47	14° \approx 10'44	-4.8m	minimum elong	-12331 Sep 27 j 00:58	11° G 36'37	0°44'33
retrograde	-12333 Apr 08 j 09:23	15° \approx 51'47		max. Earth dist.	-12331 Oct 02 j 17:30	18° G 39'33	1.72377 AU
evening set	-12333 Apr 23 j 00:33	11° \approx 53'48			-12331 Oct 11 j 21:42	0° Ω	
inferior conj	-12333 Apr 29 j 08:18	8° \approx 21'10	0°49'44	desc. node	-12331 Oct 17 j 06:26	6° Ω 37'02	
minimum elong	-12333 Apr 29 j 10:10	8° \approx 18'24	0°48'35		-12331 Nov 05 j 06:28	0° \cap	
min. Earth dist.	-12333 Apr 30 j 01:32	7° \approx 55'46	0.26911 AU	evening rise	-12331 Nov 07 j 07:44	2° \cap 31'14	
desc. node	-12333 May 02 j 18:34	6° \approx 21'07			-12331 Nov 29 j 17:36	0° $\underline{\cap}$	
morning rise	-12333 May 05 j 18:41	4° \approx 42'36			-12331 Dec 24 j 06:56	0° \cap	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12330 Jan 18 j 00:29	0°♊					-12328 May 06 j 08:26	0°♎			
asc. node	-12330 Feb 05 j 09:06	22°♊01'40					-12328 Jun 02 j 07:05	0°♎			
	-12330 Feb 12 j 02:02	0°♎					-12328 Jun 27 j 11:30	0°♋			
	-12330 Mar 09 j 16:38	0°♎					-12328 Jul 21 j 20:51	0°♊			
	-12330 Apr 05 j 04:45	0°♋				asc. node	-12328 Jul 23 j 10:02	1°♊55'28			
evening max el	-12330 May 03 j 12:12	29°♋50'21	47°10'48				-12328 Aug 14 j 22:19	0°♋			
	-12330 May 03 j 16:07	0°♊					-12328 Sep 07 j 22:53	0°♊			
desc. node	-12330 May 30 j 04:53	22°♊55'38					-12328 Oct 02 j 02:39	0°♋			
	-12330 Jun 11 j 22:49	0°♋					-12328 Oct 26 j 10:56	0°♊			
greatest brilliancy	-12330 Jun 13 j 14:14	0°♋36'23	-4.9m			morning set	-12328 Oct 31 j 05:43	5°♊52'14			
retrograde	-12330 Jun 23 j 03:10	2°♋19'10				desc. node	-12328 Nov 13 j 19:54	22°♊31'28			
	-12330 Jul 03 j 19:05	30°♋♊					-12328 Nov 19 j 22:27	0°♊			
evening set	-12330 Jul 10 j 03:32	26°♊43'49				max. Earth dist.	-12328 Dec 09 j 00:48	23°♊22'21	1.73773 AU		
min. Earth dist.	-12330 Jul 12 j 23:12	25°♊02'38	0.26529 AU								
inferior conj	-12330 Jul 13 j 20:06	24°♊30'51	-8°23'39			superior conj	-12328 Dec 09 j 21:12	24°♊24'48	-0°53'27		
minimum elong	-12330 Jul 13 j 14:24	24°♊39'31	8°22'51			minimum elong	-12328 Dec 09 j 12:30	23°♊58'10	0°53'04		
morning rise	-12330 Jul 17 j 01:28	22°♊35'03					-12328 Dec 14 j 10:41	0°♊			
direct	-12330 Aug 02 j 23:58	17°♊00'47					-12327 Jan 07 j 21:42	0°♊			
greatest brilliancy	-12330 Aug 12 j 19:15	18°♊52'05	-4.9m			evening rise	-12327 Jan 15 j 05:58	9°♊01'25			
	-12330 Aug 31 j 08:52	0°♋				greatest brilliancy	-12327 Jan 25 j 13:42	21°♊42'50	-3.9m		
asc. node	-12330 Sep 18 j 09:31	16°♋10'42					-12327 Feb 01 j 07:28	0°♊			
morning max el	-12330 Sep 22 j 07:03	20°♋03'57	46°24'42				-12327 Feb 25 j 17:34	0°♎			
	-12330 Oct 01 j 20:45	0°♊				asc. node	-12327 Mar 04 j 20:01	8°♎42'18			
	-12330 Oct 28 j 23:46	0°♋					-12327 Mar 22 j 06:03	0°♎			
	-12330 Nov 24 j 00:56	0°♊					-12327 Apr 15 j 22:38	0°♋			
	-12330 Dec 19 j 16:10	0°♊					-12327 May 10 j 21:34	0°♊			
desc. node	-12329 Jan 09 j 21:44	25°♊07'15					-12327 Jun 05 j 08:20	0°♋			
	-12329 Jan 14 j 00:03	0°♊				desc. node	-12327 Jun 26 j 14:32	24°♋10'04			
	-12329 Feb 07 j 23:27	0°♊					-12327 Jul 01 j 22:09	0°♊			
	-12329 Mar 04 j 13:41	0°♊				evening max el	-12327 Jul 14 j 19:08	13°♊35'42	47°50'35		
morning set	-12329 Mar 20 j 23:53	20°♊16'49					-12327 Aug 01 j 00:43	0°♋			
	-12329 Mar 28 j 19:43	0°♎				greatest brilliancy	-12327 Aug 25 j 06:09	15°♋54'54	-4.9m		
max. Earth dist.	-12329 Apr 21 j 17:34	29°♎52'50	1.71705 AU			retrograde	-12327 Sep 04 j 02:33	17°♋47'56			
	-12329 Apr 21 j 19:51	0°♎				evening set	-12327 Sep 19 j 23:06	12°♋40'42			
						min. Earth dist.	-12327 Sep 24 j 12:50	9°♋48'31	0.27719 AU		
superior conj	-12329 Apr 25 j 11:20	4°♎34'23	-0°12'16			inferior conj	-12327 Sep 25 j 00:27	9°♋29'45	-4°44'07		
minimum elong	-12329 Apr 25 j 13:53	4°♎42'24	0°12'47			minimum elong	-12327 Sep 25 j 08:52	9°♋16'09	4°41'14		
behind sun begin	-12329 Apr 25 j 00:00	3°♎58'52				morning rise	-12327 Sep 30 j 19:19	5°♋55'13			
behind sun end	-12329 Apr 26 j 03:45	5°♎25'56				direct	-12327 Oct 15 j 14:55	1°♋27'41			
asc. node	-12329 Apr 30 j 18:32	11°♎13'44				asc. node	-12327 Oct 15 j 20:48	1°♋27'45			
	-12329 May 15 j 16:38	0°♋				greatest brilliancy	-12327 Oct 24 j 20:04	3°♋04'32	-4.8m		
evening rise	-12329 Jun 01 j 19:16	21°♋32'38					-12327 Dec 01 j 08:13	0°♊			
	-12329 Jun 08 j 12:27	0°♊				morning max el	-12327 Dec 03 j 16:55	2°♊15'32	46°03'42		
	-12329 Jul 02 j 09:27	0°♋					-12327 Dec 30 j 16:40	0°♊			
	-12329 Jul 26 j 09:46	0°♊					-12326 Jan 26 j 18:36	0°♊			
	-12329 Aug 19 j 15:28	0°♋				desc. node	-12326 Feb 06 j 11:25	12°♊14'20			
desc. node	-12329 Aug 22 j 08:46	3°♋20'42					-12326 Feb 21 j 17:46	0°♊			
	-12329 Sep 13 j 04:46	0°♊					-12326 Mar 18 j 21:48	0°♊			
	-12329 Oct 08 j 05:26	0°♊					-12326 Apr 12 j 11:04	0°♎			
	-12329 Nov 03 j 02:59	0°♊					-12326 May 06 j 13:43	0°♎			
	-12329 Dec 01 j 01:55	0°♊				morning set	-12326 May 28 j 09:39	27°♎28'05			
evening max el	-12329 Dec 06 j 07:27	5°♊08'43	44°53'50			asc. node	-12326 May 28 j 08:12	27°♎23'30			
asc. node	-12329 Dec 11 j 15:16	10°♊09'47					-12326 May 30 j 09:46	0°♋			
	-12328 Jan 07 j 06:41	0°♊					-12326 Jun 23 j 02:48	0°♊			
greatest brilliancy	-12328 Jan 12 j 14:31	2°♊19'37	-4.7m								
retrograde	-12328 Jan 23 j 06:54	4°♊21'10				superior conj	-12326 Jul 06 j 22:24	17°♊29'21	1°14'25		
	-12328 Feb 07 j 11:11	30°♊♊				minimum elong	-12326 Jul 06 j 13:33	17°♊01'23	1°14'26		
evening set	-12328 Feb 09 j 20:45	28°♊38'36				max. Earth dist.	-12326 Jul 10 j 05:27	21°♊39'16	1.70724 AU		
inferior conj	-12328 Feb 13 j 16:30	26°♊18'49	8°00'53				-12326 Jul 16 j 20:00	0°♋			
minimum elong	-12328 Feb 13 j 19:42	26°♊13'52	8°00'08				-12326 Aug 09 j 16:00	0°♊			
min. Earth dist.	-12328 Feb 14 j 17:36	25°♊39'52	0.29159 AU			evening rise	-12326 Aug 18 j 08:23	10°♊52'18			
morning rise	-12328 Feb 17 j 18:21	23°♊49'03					-12326 Sep 02 j 16:35	0°♋			
direct	-12328 Mar 06 j 17:11	17°♊53'57				desc. node	-12326 Sep 18 j 20:11	20°♋01'01			
greatest brilliancy	-12328 Mar 17 j 16:20	20°♊02'06	-4.8m				-12326 Sep 26 j 22:22	0°♊			
desc. node	-12328 Apr 03 j 09:48	29°♊37'27					-12326 Oct 21 j 09:23	0°♊			
	-12328 Apr 03 j 21:59	0°♊					-12326 Nov 15 j 02:37	0°♊			
morning max el	-12328 Apr 25 j 11:36	18°♊55'22	46°26'11				-12326 Dec 10 j 06:08	0°♊			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12325 Jan 05 j 05:20	0°♌			-12323 Jul 07 j 14:39	0°♏	
asc. node	-12325 Jan 08 j 01:03	3°♌10'18			-12323 Jul 31 j 08:10	0°♏	
	-12325 Feb 01 j 21:15	0°♎		morning set	-12323 Aug 12 j 09:39	15°♏12'56	
evening max el	-12325 Feb 16 j 05:08	14°♎11'34	45°18'22		-12323 Aug 24 j 03:48	0°♐	
	-12325 Mar 06 j 13:02	0°♐			-12323 Sep 17 j 03:50	0°♑	
greatest brilliancy	-12325 Mar 27 j 03:19	11°♐47'45	-4.8m				
retrograde	-12325 Apr 05 j 21:58	13°♐29'36		superior conj	-12323 Sep 23 j 23:49	8°♑29'36	0°47'28
evening set	-12325 Apr 20 j 14:14	9°♐29'18		minimum elong	-12323 Sep 24 j 10:46	9°♑03'35	0°47'46
inferior conj	-12325 Apr 26 j 20:47	5°♐58'15	1°12'18	max. Earth dist.	-12323 Sep 30 j 08:47	16°♑23'55	1.72307 AU
minimum elong	-12325 Apr 26 j 23:30	5°♐54'15	1°10'52		-12323 Oct 11 j 08:45	0°♒	
min. Earth dist.	-12325 Apr 27 j 15:34	5°♐30'36	0.26977 AU	desc. node	-12323 Oct 16 j 08:45	6°♒10'08	
desc. node	-12325 May 01 j 20:57	3°♐05'25		evening rise	-12323 Nov 04 j 21:33	0°♒12'27	
morning rise	-12325 May 03 j 07:41	2°♐19'12			-12323 Nov 04 j 17:30	0°♓	
	-12325 May 08 j 12:31	30°♑♎			-12323 Nov 29 j 04:42	0°♓	
direct	-12325 May 17 j 20:18	28°♑16'27			-12323 Dec 23 j 18:15	0°♓	
	-12325 May 27 j 12:04	0°♒			-12322 Jan 17 j 12:14	0°♌	
greatest brilliancy	-12325 May 29 j 13:38	0°♒46'30	-4.9m	asc. node	-12322 Feb 04 j 11:17	21°♌31'32	
	-12325 Jul 06 j 06:47	0°♌			-12322 Feb 11 j 14:37	0°♎	
morning max el	-12325 Jul 07 j 10:14	1°♌09'31	46°40'37		-12322 Mar 09 j 06:43	0°♐	
	-12325 Aug 02 j 20:56	0°♏			-12322 Apr 04 j 21:47	0°♌	
asc. node	-12325 Aug 20 j 23:26	21°♏09'25		evening max el	-12322 May 01 j 02:25	27°♌27'42	47°07'06
	-12325 Aug 28 j 09:25	0°♏			-12322 May 03 j 16:49	0°♏	
	-12325 Sep 22 j 05:29	0°♐		desc. node	-12322 May 29 j 07:07	21°♏29'49	
	-12325 Oct 16 j 21:55	0°♑		greatest brilliancy	-12322 Jun 11 j 01:35	28°♏04'29	-4.9m
	-12325 Nov 10 j 15:37	0°♒		retrograde	-12322 Jun 20 j 15:23	29°♏47'17	
	-12325 Dec 05 j 10:40	0°♓		evening set	-12322 Jul 07 j 11:48	24°♏18'36	
desc. node	-12325 Dec 12 j 09:53	8°♓26'08		min. Earth dist.	-12322 Jul 10 j 11:13	22°♏31'58	0.26500 AU
	-12325 Dec 30 j 04:33	0°♓		inferior conj	-12322 Jul 11 j 08:01	22°♏00'22	-8°16'05
morning set	-12324 Jan 11 j 05:51	14°♓40'40		minimum elong	-12322 Jul 11 j 01:34	22°♏01'09	8°15'10
	-12324 Jan 23 j 18:38	0°♔		morning rise	-12322 Jul 14 j 15:33	20°♏01'29	
max. Earth dist.	-12324 Feb 11 j 13:11	23°♔04'21	1.73393 AU	direct	-12322 Jul 31 j 12:26	14°♏31'18	
				greatest brilliancy	-12322 Aug 10 j 07:56	16°♏22'38	-4.9m
superior conj	-12324 Feb 15 j 21:47	28°♔27'02	-1°17'27		-12322 Aug 31 j 22:57	0°♏	
minimum elong	-12324 Feb 16 j 01:39	28°♔38'59	1°18'02	asc. node	-12322 Sep 17 j 11:45	15°♏15'59	
	-12324 Feb 17 j 03:53	0°♌		morning max el	-12322 Sep 19 j 19:50	17°♏36'50	46°25'34
	-12324 Mar 12 j 09:11	0°♎			-12322 Oct 01 j 16:20	0°♐	
evening rise	-12324 Mar 21 j 20:19	11°♎45'37			-12322 Oct 28 j 15:00	0°♑	
asc. node	-12324 Apr 01 j 07:56	24°♎47'52			-12322 Nov 23 j 14:14	0°♒	
	-12324 Apr 05 j 12:17	0°♐			-12322 Dec 19 j 04:24	0°♓	
	-12324 Apr 29 j 14:56	0°♌		desc. node	-12321 Jan 08 j 23:48	24°♓38'42	
	-12324 May 23 j 18:40	0°♏			-12321 Jan 13 j 11:37	0°♓	
	-12324 Jun 17 j 01:27	0°♏			-12321 Feb 07 j 10:38	0°♔	
	-12324 Jul 11 j 14:26	0°♐			-12321 Mar 04 j 00:37	0°♌	
desc. node	-12324 Jul 24 j 00:26	14°♐59'02		morning set	-12321 Mar 18 j 19:15	18°♌14'27	
	-12324 Aug 05 j 15:04	0°♑			-12321 Mar 28 j 06:34	0°♎	
	-12324 Aug 31 j 14:54	0°♒		max. Earth dist.	-12321 Apr 19 j 06:45	27°♎29'41	1.71767 AU
evening max el	-12324 Sep 23 j 08:35	24°♒20'50	46°20'00		-12321 Apr 21 j 06:43	0°♐	
	-12324 Sep 29 j 02:08	0°♓					
greatest brilliancy	-12324 Nov 01 j 00:16	24°♓24'33	-4.8m	superior conj	-12321 Apr 23 j 04:55	2°♐24'51	-0°15'23
retrograde	-12324 Nov 12 j 08:04	26°♓49'06		minimum elong	-12321 Apr 23 j 08:03	2°♐34'40	0°15'52
asc. node	-12324 Nov 12 j 07:35	26°♓49'06		behind sun begin	-12321 Apr 23 j 04:56	2°♐24'55	
evening set	-12324 Nov 27 j 15:40	22°♓04'45		behind sun end	-12321 Apr 23 j 11:09	2°♐44'25	
inferior conj	-12324 Dec 03 j 14:12	18°♓23'19	4°34'24	asc. node	-12321 Apr 29 j 20:51	10°♐46'44	
minimum elong	-12324 Dec 03 j 06:16	18°♓36'07	4°32'43		-12321 May 15 j 03:38	0°♌	
min. Earth dist.	-12324 Dec 03 j 06:20	18°♓36'00	0.29235 AU	evening rise	-12321 May 30 j 09:32	19°♌11'29	
morning rise	-12324 Dec 08 j 21:16	15°♓04'40			-12321 Jun 07 j 23:37	0°♏	
direct	-12324 Dec 25 j 05:06	9°♓53'26			-12321 Jul 01 j 20:50	0°♏	
greatest brilliancy	-12323 Jan 03 j 09:14	11°♓25'30	-4.7m		-12321 Jul 25 j 21:22	0°♐	
	-12323 Feb 01 j 13:34	0°♓			-12321 Aug 19 j 03:21	0°♑	
morning max el	-12323 Feb 12 j 01:56	9°♓29'55	46°04'12	desc. node	-12321 Aug 21 j 10:57	2°♑50'47	
	-12323 Mar 04 j 10:38	0°♔			-12321 Sep 12 j 17:06	0°♒	
desc. node	-12323 Mar 06 j 00:16	1°♔39'50			-12321 Oct 07 j 18:35	0°♓	
	-12323 Mar 31 j 13:50	0°♌			-12321 Nov 02 j 17:59	0°♓	
	-12323 Apr 26 j 02:42	0°♎			-12321 Nov 30 j 22:19	0°♔	
	-12323 May 20 j 17:35	0°♐		evening max el	-12321 Dec 03 j 22:09	2°♔55'32	44°55'03
	-12323 Jun 13 j 19:27	0°♌		asc. node	-12321 Dec 10 j 17:30	9°♔18'22	
asc. node	-12323 Jun 24 j 22:11	13°♌58'55			-12320 Jan 09 j 17:10	0°♌	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12320 Jan 10 j 06:01	0°♂12'00	-4.7m			-12318 May 29 j 20:55	0°♂	
retrograde	-12320 Jan 20 j 22:37	2°♂14'28				-12318 Jun 22 j 13:59	0°♀	
	-12320 Jan 31 j 16:57	30°♂						
evening set	-12320 Feb 07 j 13:32	26°♂30'24		superior conj		-12318 Jul 04 j 09:06	14°♀55'54	1°12'38
inferior conj	-12320 Feb 11 j 08:58	24°♂10'59	8°03'42	minimum elong		-12318 Jul 03 j 23:46	14°♀26'23	1°12'35
minimum elong	-12320 Feb 11 j 11:29	24°♂07'05	8°03'00	max. Earth dist.		-12318 Jul 07 j 08:53	18°♀42'56	1.70715 AU
min. Earth dist.	-12320 Feb 12 j 09:28	23°♂32'53	0.29212 AU			-12318 Jul 16 j 07:13	0°♂	
morning rise	-12320 Feb 15 j 09:05	21°♂43'24				-12318 Aug 09 j 03:16	0°♂	
direct	-12320 Mar 04 j 09:21	15°♂44'58		evening rise		-12318 Aug 15 j 15:18	8°♂08'34	
greatest brilliancy	-12320 Mar 15 j 08:03	17°♂52'06	-4.7m			-12318 Sep 02 j 03:56	0°♂	
desc. node	-12320 Apr 02 j 12:10	28°♂30'34		desc. node		-12318 Sep 17 j 22:30	19°♂33'00	
	-12320 Apr 04 j 10:33	0°♂				-12318 Sep 26 j 09:48	0°♂	
morning max el	-12320 Apr 23 j 02:26	16°♂39'24	46°25'23			-12318 Oct 20 j 21:00	0°♂	
	-12320 May 06 j 03:06	0°♂				-12318 Nov 14 j 14:39	0°♂	
	-12320 Jun 01 j 21:53	0°♂				-12318 Dec 09 j 19:00	0°♂	
	-12320 Jun 27 j 00:43	0°♂				-12317 Jan 04 j 20:01	0°♂	
	-12320 Jul 21 j 09:14	0°♀		asc. node		-12317 Jan 07 j 03:20	2°♂34'55	
asc. node	-12320 Jul 22 j 12:10	1°♀23'43				-12317 Feb 01 j 16:29	0°♂	
	-12320 Aug 14 j 10:14	0°♂		evening max el		-12317 Feb 13 j 19:22	11°♂55'43	45°15'46
	-12320 Sep 07 j 10:29	0°♂				-12317 Mar 07 j 05:45	0°♂	
	-12320 Oct 01 j 14:01	0°♂		greatest brilliancy		-12317 Mar 24 j 14:28	9°♂25'17	-4.8m
	-12320 Oct 25 j 22:06	0°♂		retrograde		-12317 Apr 03 j 10:44	11°♂08'07	
morning set	-12320 Oct 28 j 18:14	3°♂29'12		evening set		-12317 Apr 18 j 04:14	7°♂05'31	
desc. node	-12320 Nov 12 j 22:04	22°♂04'18		inferior conj		-12317 Apr 24 j 09:21	3°♂35'56	1°34'32
	-12320 Nov 19 j 09:26	0°♂		minimum elong		-12317 Apr 24 j 12:53	3°♂30'44	1°32'51
max. Earth dist.	-12320 Dec 06 j 20:34	21°♂22'43	1.73750 AU	min. Earth dist.		-12317 Apr 25 j 05:16	3°♂06'37	0.27048 AU
				morning rise		-12317 Apr 30 j 20:32	29°♂56'37	
superior conj	-12320 Dec 07 j 13:35	22°♂14'47	-0°51'03	desc. node		-12317 Apr 30 j 23:08	29°♂53'16	
minimum elong	-12320 Dec 07 j 04:57	21°♂48'21	0°50'38			-12317 Apr 30 j 17:55	30°♂	
	-12320 Dec 13 j 21:32	0°♂		direct		-12317 May 15 j 10:38	25°♂52'42	
	-12319 Jan 07 j 08:32	0°♂		greatest brilliancy		-12317 May 27 j 03:52	28°♂23'11	-4.9m
evening rise	-12319 Jan 13 j 01:26	7°♂00'25				-12317 May 30 j 16:44	0°♂	
greatest brilliancy	-12319 Jan 24 j 11:06	21°♂01'19	-3.9m	morning max el		-12317 Jul 05 j 00:58	28°♂46'31	46°40'33
	-12319 Jan 31 j 18:25	0°♂				-12317 Jul 06 j 05:45	0°♂	
	-12319 Feb 25 j 04:50	0°♂				-12317 Aug 02 j 13:31	0°♀	
asc. node	-12319 Mar 03 j 22:18	8°♂14'27		asc. node		-12317 Aug 20 j 01:40	20°♀32'04	
	-12319 Mar 21 j 17:50	0°♂				-12317 Aug 27 j 23:39	0°♂	
	-12319 Apr 15 j 11:09	0°♂				-12317 Sep 21 j 18:31	0°♂	
	-12319 May 10 j 11:08	0°♀				-12317 Oct 16 j 10:13	0°♂	
	-12319 Jun 04 j 23:38	0°♂				-12317 Nov 10 j 03:23	0°♂	
desc. node	-12319 Jun 25 j 16:44	23°♂26'34				-12317 Dec 04 j 22:03	0°♂	
	-12319 Jul 01 j 17:12	0°♂		desc. node		-12317 Dec 11 j 11:54	7°♂57'54	
evening max el	-12319 Jul 12 j 09:21	11°♂12'32	47°51'51			-12317 Dec 29 j 15:40	0°♂	
	-12319 Aug 01 j 10:15	0°♂		morning set		-12316 Jan 08 j 23:34	12°♂34'33	
greatest brilliancy	-12319 Aug 22 j 23:18	13°♂35'55	-4.9m			-12316 Jan 23 j 05:36	0°♂	
retrograde	-12319 Sep 01 j 17:37	15°♂27'30		max. Earth dist.		-12316 Feb 09 j 11:27	21°♂11'25	1.73429 AU
evening set	-12319 Sep 17 j 16:59	10°♂16'37						
min. Earth dist.	-12319 Sep 22 j 04:22	7°♂28'19	0.27671 AU	superior conj		-12316 Feb 13 j 17:41	26°♂26'36	-1°18'10
inferior conj	-12319 Sep 22 j 15:45	7°♂09'59	-5°01'55	minimum elong		-12316 Feb 13 j 21:04	26°♂37'03	1°18'45
minimum elong	-12319 Sep 23 j 00:30	6°♂55'53	4°59'00			-12316 Feb 16 j 14:49	0°♂	
morning rise	-12319 Sep 28 j 08:35	3°♂38'30				-12316 Mar 11 j 20:10	0°♂	
	-12319 Oct 06 j 19:28	30°♂		evening rise		-12316 Mar 19 j 15:55	9°♂43'04	
direct	-12319 Oct 13 j 04:50	29°♂08'47		asc. node		-12316 Mar 31 j 10:19	24°♂20'41	
asc. node	-12319 Oct 14 j 23:14	29°♂12'33				-12316 Apr 04 j 23:27	0°♂	
	-12319 Oct 19 j 19:59	0°♂				-12316 Apr 29 j 02:24	0°♂	
greatest brilliancy	-12319 Oct 22 j 11:38	0°♂46'56	-4.8m			-12316 May 23 j 06:33	0°♀	
	-12319 Dec 01 j 07:37	0°♂				-12316 Jun 16 j 13:51	0°♂	
morning max el	-12319 Dec 01 j 08:07	0°♂01'13	46°04'16			-12316 Jul 11 j 03:33	0°♂	
	-12319 Dec 30 j 08:51	0°♂		desc. node		-12316 Jul 23 j 02:40	14°♂25'03	
	-12318 Jan 26 j 08:10	0°♂				-12316 Aug 05 j 05:19	0°♂	
desc. node	-12318 Feb 05 j 13:34	11°♂43'08				-12316 Aug 31 j 07:32	0°♂	
	-12318 Feb 21 j 06:03	0°♂		evening max el		-12316 Sep 21 j 01:38	22°♂08'47	46°23'56
	-12318 Mar 18 j 09:25	0°♂				-12316 Sep 29 j 02:24	0°♂	
	-12318 Apr 11 j 22:21	0°♂		greatest brilliancy		-12316 Oct 29 j 18:27	22°♂16'22	-4.8m
	-12318 May 06 j 00:53	0°♂		retrograde		-12316 Nov 10 j 02:01	24°♂40'27	
morning set	-12318 May 26 j 00:31	25°♂08'19		asc. node		-12316 Nov 11 j 09:47	24°♂38'17	
asc. node	-12318 May 27 j 10:19	26°♂54'59		evening set		-12316 Nov 25 j 07:49	19°♂58'14	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

inferior conj	-12316 Dec 01 j 07:37	16° \mathbb{M} 14'26	4°19'03	evening rise	-12313 May 28 j 00:16	16° \mathbb{H} 50'57	
minimum elong	-12316 Nov 30 j 23:57	16° \mathbb{M} 26'49	4°17'24		-12313 Jun 07 j 11:06	0° \mathbb{Y}	
min. Earth dist.	-12316 Nov 30 j 22:52	16° \mathbb{M} 28'33	0.29192 AU		-12313 Jul 01 j 08:28	0° \mathbb{B}	
morning rise	-12316 Dec 06 j 16:36	12° \mathbb{M} 52'52			-12313 Jul 25 j 09:13	0° \mathbb{I}	
direct	-12316 Dec 22 j 22:21	7° \mathbb{M} 45'20			-12313 Aug 18 j 15:30	0° \mathbb{E}	
greatest brilliancy	-12315 Jan 01 j 00:36	9° \mathbb{M} 16'13	-4.7m	desc. node	-12313 Aug 20 j 13:18	2° \mathbb{E} 20'40	
	-12315 Feb 01 j 17:01	0° \mathbb{A}			-12313 Sep 12 j 05:44	0° \mathbb{Q}	
morning max el	-12315 Feb 09 j 18:41	7° \mathbb{A} 22'37	46°03'40		-12313 Oct 07 j 08:08	0° \mathbb{M}	
	-12315 Mar 04 j 03:41	0° \mathbb{M}			-12313 Nov 02 j 09:34	0° \mathbb{A}	
desc. node	-12315 Mar 05 j 02:31	1° \mathbb{M} 00'55			-12313 Nov 30 j 19:53	0° \mathbb{M}	
	-12315 Mar 31 j 03:53	0° \mathbb{J}		evening max el	-12313 Dec 01 j 12:44	0° \mathbb{M} 40'51	44°56'29
	-12315 Apr 25 j 15:25	0° \mathbb{B}		asc. node	-12313 Dec 09 j 19:50	8° \mathbb{M} 24'57	
	-12315 May 20 j 05:38	0° \mathbb{A}		greatest brilliancy	-12312 Jan 07 j 21:08	28° \mathbb{M} 02'51	-4.7m
	-12315 Jun 13 j 07:09	0° \mathbb{H}			-12312 Jan 16 j 03:14	0° \mathbb{J}	
asc. node	-12315 Jun 24 j 00:21	13° \mathbb{H} 29'06		retrograde	-12312 Jan 18 j 14:50	0° \mathbb{J} 07'02	
	-12315 Jul 07 j 02:12	0° \mathbb{Y}			-12312 Jan 21 j 01:49	30° \mathbb{R} \mathbb{M}	
	-12315 Jul 30 j 19:39	0° \mathbb{B}		evening set	-12312 Feb 05 j 06:08	24° \mathbb{M} 21'37	
morning set	-12315 Aug 09 j 18:50	12° \mathbb{B} 34'40		inferior conj	-12312 Feb 09 j 01:31	22° \mathbb{M} 02'16	8°05'39
	-12315 Aug 23 j 15:14	0° \mathbb{I}		minimum elong	-12312 Feb 09 j 03:21	21° \mathbb{M} 59'25	8°05'02
	-12315 Sep 16 j 15:12	0° \mathbb{E}		min. Earth dist.	-12312 Feb 10 j 01:12	21° \mathbb{M} 25'24	0.29263 AU
				morning rise	-12312 Feb 13 j 00:13	19° \mathbb{M} 36'41	
superior conj	-12315 Sep 21 j 08:38	5° \mathbb{E} 52'37	0°50'36	direct	-12312 Mar 02 j 01:36	13° \mathbb{M} 35'05	
minimum elong	-12315 Sep 21 j 19:58	6° \mathbb{E} 27'49	0°50'56	greatest brilliancy	-12312 Mar 12 j 24:00	15° \mathbb{M} 41'42	-4.7m
max. Earth dist.	-12315 Sep 28 j 00:16	14° \mathbb{E} 08'00	1.72237 AU	desc. node	-12312 Apr 01 j 14:21	27° \mathbb{M} 24'07	
	-12315 Oct 10 j 20:04	0° \mathbb{Q}			-12312 Apr 04 j 20:22	0° \mathbb{J}	
desc. node	-12315 Oct 15 j 10:54	5° \mathbb{Q} 41'53		morning max el	-12312 Apr 20 j 17:56	14° \mathbb{J} 24'18	46°24'36
evening rise	-12315 Nov 02 j 10:39	27° \mathbb{Q} 50'34			-12312 May 05 j 21:40	0° \mathbb{B}	
	-12315 Nov 04 j 04:47	0° \mathbb{M}			-12312 Jun 01 j 12:51	0° \mathbb{A}	
	-12315 Nov 28 j 16:03	0° \mathbb{A}			-12312 Jun 26 j 14:10	0° \mathbb{H}	
	-12315 Dec 23 j 05:49	0° \mathbb{M}			-12312 Jul 20 j 21:53	0° \mathbb{Y}	
	-12314 Jan 17 j 00:17	0° \mathbb{J}		asc. node	-12312 Jul 21 j 14:24	0° \mathbb{Y} 51'22	
asc. node	-12314 Feb 03 j 13:39	21° \mathbb{J} 00'58			-12312 Aug 13 j 22:23	0° \mathbb{B}	
	-12314 Feb 11 j 03:34	0° \mathbb{B}			-12312 Sep 06 j 22:18	0° \mathbb{I}	
	-12314 Mar 08 j 21:16	0° \mathbb{A}			-12312 Oct 01 j 01:36	0° \mathbb{E}	
	-12314 Apr 04 j 15:27	0° \mathbb{H}			-12312 Oct 25 j 09:30	0° \mathbb{Q}	
evening max el	-12314 Apr 28 j 16:01	25° \mathbb{H} 03'03	47°03'23	morning set	-12312 Oct 26 j 06:48	1° \mathbb{Q} 05'25	
	-12314 May 03 j 19:00	0° \mathbb{Y}		desc. node	-12312 Nov 12 j 00:07	21° \mathbb{Q} 36'01	
desc. node	-12314 May 28 j 09:17	20° \mathbb{Y} 00'30			-12312 Nov 18 j 20:42	0° \mathbb{M}	
greatest brilliancy	-12314 Jun 08 j 13:33	25° \mathbb{Y} 33'12	-4.9m	max. Earth dist.	-12312 Dec 04 j 15:37	19° \mathbb{M} 19'53	1.73731 AU
retrograde	-12314 Jun 18 j 03:05	27° \mathbb{Y} 15'25					
evening set	-12314 Jul 04 j 20:01	21° \mathbb{Y} 53'44		superior conj	-12312 Dec 05 j 05:49	20° \mathbb{M} 03'22	-0°48'34
min. Earth dist.	-12314 Jul 07 j 23:45	20° \mathbb{Y} 00'58	0.26471 AU	minimum elong	-12312 Dec 04 j 21:18	19° \mathbb{M} 37'17	0°48'06
inferior conj	-12314 Jul 08 j 20:05	19° \mathbb{Y} 30'04	-8°07'30		-12312 Dec 13 j 08:42	0° \mathbb{A}	
minimum elong	-12314 Jul 08 j 12:56	19° \mathbb{Y} 40'57	8°06'27		-12311 Jan 06 j 19:40	0° \mathbb{M}	
morning rise	-12314 Jul 12 j 06:02	17° \mathbb{Y} 27'42		evening rise	-12311 Jan 10 j 20:43	4° \mathbb{M} 57'55	
direct	-12314 Jul 29 j 00:34	12° \mathbb{Y} 01'52		greatest brilliancy	-12311 Jan 23 j 05:34	20° \mathbb{M} 09'46	-3.9m
greatest brilliancy	-12314 Aug 07 j 21:24	13° \mathbb{Y} 53'51	-4.9m		-12311 Jan 31 j 05:42	0° \mathbb{J}	
	-12314 Sep 01 j 09:38	0° \mathbb{B}			-12311 Feb 24 j 16:26	0° \mathbb{B}	
asc. node	-12314 Sep 16 j 14:08	14° \mathbb{B} 22'04		asc. node	-12311 Mar 03 j 00:40	7° \mathbb{B} 45'55	
morning max el	-12314 Sep 17 j 07:44	15° \mathbb{B} 06'35	46°26'16		-12311 Mar 21 j 05:57	0° \mathbb{A}	
	-12314 Oct 01 j 11:39	0° \mathbb{I}			-12311 Apr 15 j 00:03	0° \mathbb{H}	
	-12314 Oct 28 j 06:22	0° \mathbb{E}			-12311 May 10 j 01:09	0° \mathbb{Y}	
	-12314 Nov 23 j 03:47	0° \mathbb{Q}			-12311 Jun 04 j 15:31	0° \mathbb{B}	
	-12314 Dec 18 j 16:55	0° \mathbb{M}		desc. node	-12311 Jun 24 j 19:05	22° \mathbb{B} 41'51	
desc. node	-12313 Jan 08 j 02:01	24° \mathbb{M} 09'36			-12311 Jul 01 j 13:08	0° \mathbb{I}	
	-12313 Jan 12 j 23:29	0° \mathbb{A}		evening max el	-12311 Jul 10 j 00:20	8° \mathbb{I} 50'26	47°53'05
	-12313 Feb 06 j 22:05	0° \mathbb{M}			-12311 Aug 01 j 23:23	0° \mathbb{E}	
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morning set	-12313 Mar 16 j 14:32	16° \mathbb{J} 10'53		retrograde	-12311 Aug 30 j 09:13	13° \mathbb{E} 06'34	
	-12313 Mar 27 j 17:44	0° \mathbb{B}		evening set	-12311 Sep 15 j 10:58	7° \mathbb{E} 51'47	
max. Earth dist.	-12313 Apr 16 j 21:46	25° \mathbb{B} 11'17	1.71830 AU	inferior conj	-12311 Sep 20 j 07:05	4° \mathbb{E} 49'39	-5°19'09
				minimum elong	-12311 Sep 20 j 16:06	4° \mathbb{E} 35'09	5°16'15
superior conj	-12313 Apr 20 j 22:41	0° \mathbb{A} 14'56	-0°18'27	min. Earth dist.	-12311 Sep 19 j 19:38	5° \mathbb{E} 08'02	0.27621 AU
minimum elong	-12313 Apr 21 j 02:22	0° \mathbb{A} 26'29	0°18'55	morning rise	-12311 Sep 25 j 21:45	1° \mathbb{E} 21'43	
	-12313 Apr 20 j 17:55	0° \mathbb{A}			-12311 Sep 28 j 10:45	30° \mathbb{R} \mathbb{I}	
asc. node	-12313 Apr 28 j 22:58	10° \mathbb{A} 18'08		direct	-12311 Oct 10 j 19:07	26° \mathbb{I} 49'21	
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

































































































































Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12311 Oct 20 j 02:50	28° Π 28'37	-4.8m		-12308 Apr 28 j 13:59	0° H	
	-12311 Oct 23 j 22:49	0° E			-12308 May 22 j 18:32	0° Y	
morning max el	-12311 Nov 29 j 00:08	27° E 48'21	46°04'46		-12308 Jun 16 j 02:22	0° B	
	-12311 Dec 01 j 06:13	0° Ω			-12308 Jul 10 j 16:46	0° Π	
	-12311 Dec 30 j 00:58	0° M		desc. node	-12308 Jul 22 j 05:00	13° Π 51'01	
	-12310 Jan 25 j 21:52	0° E			-12308 Aug 04 j 19:45	0° E	
desc. node	-12310 Feb 04 j 15:46	11° E 11'26			-12308 Aug 31 j 00:33	0° Ω	
	-12310 Feb 20 j 18:34	0° M		evening max el	-12308 Sep 18 j 18:12	19° Ω 55'09	46°27'48
	-12310 Mar 17 j 21:17	0° A			-12308 Sep 29 j 03:56	0° M	
	-12310 Apr 11 j 09:53	0° E		greatest brilliancy	-12308 Oct 27 j 13:28	20° M 09'04	-4.8m
	-12310 May 05 j 12:16	0° \approx		retrograde	-12308 Nov 07 j 19:46	22° M 31'52	
morning set	-12310 May 23 j 15:34	22° \approx 48'39		asc. node	-12308 Nov 10 j 12:06	22° M 22'59	
asc. node	-12310 May 26 j 12:29	26° \approx 26'02		evening set	-12308 Nov 23 j 00:13	17° M 51'51	
	-12310 May 29 j 08:16	0° H		min. Earth dist.	-12308 Nov 28 j 15:52	14° M 20'59	0.29143 AU
	-12310 Jun 22 j 01:22	0° Y		inferior conj	-12308 Nov 29 j 01:09	14° M 05'57	4°03'25
				minimum elong	-12308 Nov 28 j 17:48	14° M 17'50	4°01'50
superior conj	-12310 Jul 01 j 19:59	12° Y 22'19	1°10'43	morning rise	-12308 Dec 04 j 11:57	10° M 41'25	
minimum elong	-12310 Jul 01 j 10:16	11° Y 51'38	1°10'37	direct	-12308 Dec 20 j 15:24	5° M 37'46	
max. Earth dist.	-12310 Jul 04 j 13:56	15° Y 50'58	1.70711 AU	greatest brilliancy	-12308 Dec 29 j 16:24	7° M 07'41	-4.7m
	-12310 Jul 15 j 18:40	0° B			-12307 Feb 01 j 18:47	0° E	
	-12310 Aug 08 j 14:48	0° Π		morning max el	-12307 Feb 07 j 10:31	5° E 13'33	46°03'11
evening rise	-12310 Aug 12 j 22:21	5° Π 24'23			-12307 Mar 03 j 20:17	0° M	
	-12310 Sep 01 j 15:30	0° E		desc. node	-12307 Mar 04 j 04:42	0° M 22'34	
desc. node	-12310 Sep 17 j 00:41	19° E 03'54			-12307 Mar 30 j 17:43	0° A	
	-12310 Sep 25 j 21:26	0° Ω			-12307 Apr 25 j 04:03	0° E	
	-12310 Oct 20 j 08:48	0° M			-12307 May 19 j 17:38	0° \approx	
	-12310 Nov 14 j 02:50	0° E			-12307 Jun 12 j 18:51	0° H	
	-12310 Dec 09 j 08:05	0° M		asc. node	-12307 Jun 23 j 02:39	12° H 59'42	
	-12309 Jan 04 j 11:04	0° A			-12307 Jul 06 j 13:44	0° Y	
asc. node	-12309 Jan 06 j 05:42	1° A 58'57			-12307 Jul 30 j 07:05	0° B	
	-12309 Feb 01 j 12:31	0° E		morning set	-12307 Aug 07 j 03:55	9° B 56'02	
evening max el	-12309 Feb 11 j 10:16	9° E 40'57	45°13'07		-12307 Aug 23 j 02:35	0° Π	
	-12309 Mar 08 j 04:31	0° \approx			-12307 Sep 16 j 02:30	0° E	
greatest brilliancy	-12309 Mar 22 j 02:13	7° \approx 03'23	-4.8m				
retrograde	-12309 Mar 31 j 23:30	8° \approx 46'27		superior conj	-12307 Sep 18 j 17:21	3° E 15'26	0°53'39
evening set	-12309 Apr 15 j 18:36	4° \approx 41'46		minimum elong	-12307 Sep 19 j 04:58	3° E 51'33	0°53'59
inferior conj	-12309 Apr 21 j 22:05	1° \approx 13'40	1°56'20	max. Earth dist.	-12307 Sep 25 j 15:38	11° E 51'45	1.72165 AU
minimum elong	-12309 Apr 22 j 02:23	1° \approx 07'20	1°54'26		-12307 Oct 10 j 07:19	0° Ω	
min. Earth dist.	-12309 Apr 22 j 19:04	0° \approx 42'44	0.27117 AU	desc. node	-12307 Oct 14 j 12:59	5° Ω 13'40	
	-12309 Apr 24 j 00:13	30° R 3		evening rise	-12307 Oct 30 j 23:30	25° Ω 28'02	
morning rise	-12309 Apr 28 j 09:16	27° E 34'10			-12307 Nov 03 j 16:01	0° M	
desc. node	-12309 Apr 30 j 01:17	26° E 44'29			-12307 Nov 28 j 03:19	0° E	
direct	-12309 May 13 j 01:10	23° E 29'14			-12307 Dec 22 j 17:17	0° M	
greatest brilliancy	-12309 May 24 j 17:46	25° E 59'17	-4.9m		-12306 Jan 16 j 12:12	0° A	
	-12309 Jun 01 j 14:02	0° \approx		asc. node	-12306 Feb 02 j 16:01	20° A 30'55	
morning max el	-12309 Jul 02 j 14:59	26° \approx 21'30	46°40'21		-12306 Feb 10 j 16:22	0° E	
	-12309 Jul 06 j 03:58	0° H			-12306 Mar 08 j 11:45	0° \approx	
	-12309 Aug 02 j 05:58	0° Y			-12306 Apr 04 j 09:19	0° H	
asc. node	-12309 Aug 19 j 03:57	19° Y 54'44		evening max el	-12306 Apr 26 j 04:33	22° H 36'10	46°59'23
	-12309 Aug 27 j 13:53	0° B			-12306 May 03 j 22:32	0° Y	
	-12309 Sep 21 j 07:37	0° Π		desc. node	-12306 May 27 j 11:41	18° Y 28'19	
	-12309 Oct 15 j 22:35	0° E		greatest brilliancy	-12306 Jun 06 j 01:42	23° Y 02'04	-4.9m
	-12309 Nov 09 j 15:14	0° Ω		retrograde	-12306 Jun 15 j 14:20	24° Y 43'33	
	-12309 Dec 04 j 09:29	0° M		evening set	-12306 Jul 02 j 03:54	19° Y 28'52	
desc. node	-12309 Dec 10 j 14:09	7° M 30'19		min. Earth dist.	-12306 Jul 05 j 12:28	17° Y 29'25	0.26448 AU
	-12309 Dec 29 j 02:49	0° E		inferior conj	-12306 Jul 06 j 08:02	16° Y 59'45	-7°57'50
morning set	-12308 Jan 06 j 17:33	10° E 29'18		minimum elong	-12306 Jul 06 j 00:12	17° Y 11'37	7°56'37
	-12308 Jan 22 j 16:36	0° M		morning rise	-12306 Jul 09 j 20:39	14° Y 53'35	
max. Earth dist.	-12308 Feb 07 j 08:57	19° M 15'57	1.73468 AU	direct	-12306 Jul 26 j 12:09	9° Y 32'03	
				greatest brilliancy	-12306 Aug 05 j 11:20	11° Y 25'36	-4.9m
superior conj	-12308 Feb 11 j 13:49	24° M 26'46	-1°18'47		-12306 Sep 01 j 17:28	0° B	
minimum elong	-12308 Feb 11 j 16:43	24° M 35'43	1°19'22	morning max el	-12306 Sep 14 j 19:16	12° B 35'25	46°27'05
	-12308 Feb 16 j 01:48	0° A		asc. node	-12306 Sep 15 j 16:17	13° B 28'51	
	-12308 Mar 11 j 07:15	0° E			-12306 Oct 01 j 06:21	0° Π	
evening rise	-12308 Mar 17 j 11:38	7° E 40'38			-12306 Oct 27 j 21:22	0° E	
asc. node	-12308 Mar 30 j 12:26	23° E 52'23			-12306 Nov 22 j 17:05	0° Ω	
	-12308 Apr 04 j 10:44	0° \approx			-12306 Dec 18 j 05:13	0° M	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

desc. node	-12305 Jan 07 j 04:09	23° \mathbb{M} 40'56			-12303 Aug 02 j 16:30	0° \mathfrak{G}	
	-12305 Jan 12 j 11:09	0° \mathfrak{L}		greatest brilliancy	-12303 Aug 18 j 07:39	8° \mathfrak{G} 54'18	-4.9m
	-12305 Feb 06 j 09:19	0° \mathbb{M}		retrograde	-12303 Aug 28 j 00:48	10° \mathfrak{G} 45'09	
	-12305 Mar 02 j 22:50	0° \mathfrak{A}		evening set	-12303 Sep 13 j 04:43	5° \mathfrak{G} 26'17	
morning set	-12305 Mar 14 j 10:09	14° \mathfrak{A} 09'14		inferior conj	-12303 Sep 17 j 22:05	2° \mathfrak{G} 28'39	-5°36'09
	-12305 Mar 27 j 04:37	0° \mathfrak{Z}		minimum elong	-12303 Sep 18 j 07:19	2° \mathfrak{G} 13'51	5°33'15
max. Earth dist.	-12305 Apr 14 j 15:59	23° \mathfrak{Z} 03'48	1.71894 AU	min. Earth dist.	-12303 Sep 17 j 10:15	2° \mathfrak{G} 47'37	0.27578 AU
					-12303 Sep 21 j 20:48	30° \mathfrak{R} \mathbb{I}	
superior conj	-12305 Apr 18 j 16:50	28° \mathfrak{Z} 07'07	-0°21'27	morning rise	-12303 Sep 23 j 10:26	29° \mathbb{I} 04'39	
minimum elong	-12305 Apr 18 j 21:02	28° \mathfrak{Z} 20'16	0°21'55	direct	-12303 Oct 08 j 09:45	24° \mathbb{I} 29'24	
	-12305 Apr 20 j 04:51	0° \approx		asc. node	-12303 Oct 13 j 03:41	24° \mathbb{I} 56'24	
asc. node	-12305 Apr 28 j 01:13	9° \approx 50'46		greatest brilliancy	-12303 Oct 17 j 17:22	26° \mathbb{I} 09'14	-4.8m
	-12305 May 14 j 02:03	0° \mathfrak{H}			-12303 Oct 26 j 02:02	0° \mathfrak{G}	
evening rise	-12305 May 25 j 15:23	14° \mathfrak{H} 32'20		morning max el	-12303 Nov 26 j 16:20	25° \mathfrak{G} 36'10	46°05'15
	-12305 Jun 06 j 22:23	0° \mathfrak{Y}			-12303 Dec 01 j 03:52	0° \mathcal{O}	
	-12305 Jun 30 j 19:58	0° \mathfrak{B}			-12303 Dec 29 j 16:40	0° \mathbb{M}	
	-12305 Jul 24 j 20:56	0° \mathbb{I}			-12302 Jan 25 j 11:15	0° \mathfrak{L}	
	-12305 Aug 18 j 03:32	0° \mathfrak{G}		desc. node	-12302 Feb 03 j 17:52	10° \mathfrak{L} 40'15	
desc. node	-12305 Aug 19 j 15:28	1° \mathfrak{G} 50'18			-12302 Feb 20 j 06:47	0° \mathbb{M}	
	-12305 Sep 11 j 18:16	0° \mathcal{O}			-12302 Mar 17 j 08:52	0° \mathfrak{A}	
	-12305 Oct 06 j 21:37	0° \mathbb{M}			-12302 Apr 10 j 21:09	0° \mathfrak{Z}	
	-12305 Nov 02 j 01:10	0° \mathfrak{L}			-12302 May 04 j 23:22	0° \approx	
evening max el	-12305 Nov 29 j 03:41	28° \mathfrak{L} 27'39	44°58'06	morning set	-12302 May 21 j 07:10	20° \approx 31'42	
	-12305 Nov 30 j 18:03	0° \mathbb{M}		asc. node	-12302 May 25 j 14:48	25° \approx 58'29	
asc. node	-12305 Dec 08 j 22:14	7° \mathbb{M} 31'12			-12302 May 28 j 19:18	0° \mathfrak{H}	
greatest brilliancy	-12304 Jan 05 j 11:53	25° \mathbb{M} 54'01	-4.7m		-12302 Jun 21 j 12:25	0° \mathfrak{Y}	
retrograde	-12304 Jan 16 j 07:40	28° \mathbb{M} 00'26					
evening set	-12304 Feb 02 j 22:31	22° \mathbb{M} 13'57		superior conj	-12302 Jun 29 j 07:31	9° \mathfrak{Y} 51'57	1°08'41
inferior conj	-12304 Feb 06 j 18:04	19° \mathbb{M} 54'17	8°07'01	minimum elong	-12302 Jun 28 j 21:33	9° \mathfrak{Y} 20'26	1°08'31
minimum elong	-12304 Feb 06 j 19:12	19° \mathbb{M} 52'31	8°06'28	max. Earth dist.	-12302 Jul 01 j 20:02	13° \mathfrak{Y} 03'21	1.70706 AU
min. Earth dist.	-12304 Feb 07 j 16:35	19° \mathbb{M} 19'15	0.29308 AU		-12302 Jul 15 j 05:47	0° \mathfrak{B}	
morning rise	-12304 Feb 10 j 15:33	17° \mathbb{M} 30'31			-12302 Aug 08 j 02:00	0° \mathbb{I}	
direct	-12304 Feb 28 j 18:09	11° \mathbb{M} 26'08		evening rise	-12302 Aug 10 j 05:45	2° \mathbb{I} 42'09	
greatest brilliancy	-12304 Mar 10 j 15:23	13° \mathbb{M} 31'54	-4.7m		-12302 Sep 01 j 02:48	0° \mathfrak{G}	
desc. node	-12304 Mar 31 j 16:27	26° \mathbb{M} 20'10		desc. node	-12302 Sep 16 j 02:49	18° \mathfrak{G} 35'27	
	-12304 Apr 05 j 03:07	0° \mathfrak{A}			-12302 Sep 25 j 08:51	0° \mathcal{O}	
morning max el	-12304 Apr 18 j 10:18	12° \mathfrak{A} 12'43	46°23'55		-12302 Oct 19 j 20:25	0° \mathbb{M}	
	-12304 May 05 j 15:24	0° \mathfrak{Z}			-12302 Nov 13 j 14:54	0° \mathfrak{L}	
	-12304 Jun 01 j 03:17	0° \approx			-12302 Dec 08 j 21:06	0° \mathbb{M}	
	-12304 Jun 26 j 03:12	0° \mathfrak{H}			-12301 Jan 04 j 02:07	0° \mathfrak{A}	
	-12304 Jul 20 j 10:12	0° \mathfrak{Y}		asc. node	-12301 Jan 05 j 08:01	1° \mathfrak{A} 23'03	
asc. node	-12304 Jul 20 j 16:37	0° \mathfrak{Y} 20'00			-12301 Feb 01 j 08:59	0° \mathfrak{Z}	
	-12304 Aug 13 j 10:16	0° \mathfrak{B}		evening max el	-12301 Feb 09 j 00:48	7° \mathfrak{Z} 25'55	45°10'33
	-12304 Sep 06 j 09:55	0° \mathbb{I}			-12301 Mar 09 j 11:24	0° \approx	
	-12304 Sep 30 j 13:00	0° \mathfrak{G}		greatest brilliancy	-12301 Mar 19 j 14:36	4° \approx 42'58	-4.7m
morning set	-12304 Oct 23 j 18:45	28° \mathfrak{G} 40'15		retrograde	-12301 Mar 29 j 11:44	6° \approx 25'28	
	-12304 Oct 24 j 20:42	0° \mathcal{O}		evening set	-12301 Apr 13 j 09:06	2° \approx 18'37	
desc. node	-12304 Nov 11 j 02:23	21° \mathcal{O} 09'06			-12301 Apr 17 j 12:49	30° \mathfrak{R} \mathfrak{Z}	
	-12304 Nov 18 j 07:43	0° \mathbb{M}		inferior conj	-12301 Apr 19 j 10:48	28° \mathfrak{Z} 52'17	2°17'52
				minimum elong	-12301 Apr 19 j 15:50	28° \mathfrak{Z} 44'50	2°15'46
superior conj	-12304 Dec 02 j 21:34	17° \mathbb{M} 51'07	-0°45'58	min. Earth dist.	-12301 Apr 20 j 09:05	28° \mathfrak{Z} 19'20	0.27185 AU
minimum elong	-12304 Dec 02 j 13:12	17° \mathbb{M} 25'30	0°45'28	morning rise	-12301 Apr 25 j 21:41	25° \mathfrak{Z} 12'35	
max. Earth dist.	-12304 Dec 02 j 11:26	17° \mathbb{M} 20'06	1.73710 AU	desc. node	-12301 Apr 29 j 03:42	23° \mathfrak{Z} 39'43	
	-12304 Dec 12 j 19:37	0° \mathfrak{L}		direct	-12301 May 10 j 15:12	21° \mathfrak{Z} 06'33	
	-12303 Jan 06 j 06:35	0° \mathbb{M}		greatest brilliancy	-12301 May 22 j 07:40	23° \mathfrak{Z} 36'02	-4.9m
evening rise	-12303 Jan 08 j 15:51	2° \mathbb{M} 55'46			-12301 Jun 02 j 20:44	0° \approx	
greatest brilliancy	-12303 Jan 22 j 02:59	19° \mathbb{M} 28'00	-3.9m	morning max el	-12301 Jun 30 j 04:05	23° \approx 55'00	46°40'22
	-12303 Jan 30 j 16:45	0° \mathfrak{A}			-12301 Jul 06 j 01:04	0° \mathfrak{H}	
	-12303 Feb 24 j 03:48	0° \mathfrak{Z}			-12301 Aug 01 j 21:48	0° \mathfrak{Y}	
asc. node	-12303 Mar 02 j 02:51	7° \mathfrak{Z} 17'32		asc. node	-12301 Aug 18 j 06:04	19° \mathfrak{Y} 18'15	
	-12303 Mar 20 j 17:49	0° \approx			-12301 Aug 27 j 03:39	0° \mathfrak{B}	
	-12303 Apr 14 j 12:38	0° \mathfrak{H}			-12301 Sep 20 j 20:19	0° \mathbb{I}	
	-12303 May 09 j 14:52	0° \mathfrak{Y}			-12301 Oct 15 j 10:38	0° \mathfrak{G}	
	-12303 Jun 04 j 07:10	0° \mathfrak{B}			-12301 Nov 09 j 02:50	0° \mathcal{O}	
desc. node	-12303 Jun 23 j 21:21	21° \mathfrak{B} 57'24			-12301 Dec 03 j 20:45	0° \mathbb{M}	
	-12303 Jul 01 j 09:15	0° \mathbb{I}		desc. node	-12301 Dec 09 j 16:17	7° \mathbb{M} 02'51	
evening max el	-12303 Jul 07 j 16:00	6° \mathbb{I} 31'06	47°53'55		-12301 Dec 28 j 13:50	0° \mathfrak{L}	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning set	-12300 Jan 04 j 11:00	8°  22'50		minimum elong	-12298 Jul 03 j 11:22	14°  41'43	7°45'45
	-12300 Jan 22 j 03:28	0°  16		morning rise	-12298 Jul 07 j 11:20	12°  18'53	
max. Earth dist.	-12300 Feb 05 j 04:49	17°  16'04	1.73503 AU	direct	-12298 Jul 23 j 23:32	7°  01'28	
				greatest brilliancy	-12298 Aug 03 j 01:20	8°  57'06	-4.9m
superior conj	-12300 Feb 09 j 09:31	22°  16'11	-1°19'18		-12298 Sep 01 j 23:05	0°  8	
minimum elong	-12300 Feb 09 j 11:53	22°  16'33'31	1°19'52	morning max el	-12298 Sep 12 j 07:24	10°  8'05'37	46°28'09
	-12300 Feb 15 j 12:38	0°  17		asc. node	-12298 Sep 14 j 18:31	12°  8'36'46	
	-12300 Mar 10 j 18:10	0°  18			-12298 Oct 01 j 00:34	0°  19	
evening rise	-12300 Mar 15 j 07:04	5°  37'53			-12298 Oct 27 j 12:08	0°  20	
asc. node	-12300 Mar 29 j 14:41	23°  24'58			-12298 Nov 22 j 06:12	0°  21	
	-12300 Apr 03 j 21:52	0°  22			-12298 Dec 17 j 17:24	0°  23	
	-12300 Apr 28 j 01:27	0°  24		desc. node	-12297 Jan 06 j 06:13	23°  12'12	
	-12300 May 22 j 06:25	0°  25			-12297 Jan 11 j 22:44	0°  26	
	-12300 Jun 15 j 14:44	0°  26			-12297 Feb 05 j 20:33	0°  27	
	-12300 Jul 10 j 05:50	0°  27			-12297 Mar 02 j 09:52	0°  28	
desc. node	-12300 Jul 21 j 07:13	13°  17'14		morning set	-12297 Mar 12 j 05:37	12°  17'06'53	
	-12300 Aug 04 j 10:02	0°  28			-12297 Mar 26 j 15:36	0°  29	
	-12300 Aug 30 j 17:32	0°  29		max. Earth dist.	-12297 Apr 12 j 10:28	20°  35'52	1.71956 AU
evening max el	-12300 Sep 16 j 09:39	17°  39'24	46°31'34				
	-12300 Sep 29 j 06:32	0°  30		superior conj	-12297 Apr 16 j 10:49	25°  38'28	-0°24'25
greatest brilliancy	-12300 Oct 25 j 08:37	18°  02'17	-4.8m	minimum elong	-12297 Apr 16 j 15:30	26°  31'11	0°24'53
retrograde	-12300 Nov 05 j 13:03	20°  03'33			-12297 Apr 19 j 15:54	0°  32	
asc. node	-12300 Nov 09 j 14:29	20°  03'05		asc. node	-12297 Apr 27 j 03:31	9°  23'15	
evening set	-12300 Nov 20 j 16:39	15°  04'52'0			-12297 May 13 j 13:14	0°  33	
inferior conj	-12300 Nov 26 j 18:39	11°  05'40	3°47'18	evening rise	-12297 May 23 j 06:25	12°  06'13'17	
minimum elong	-12300 Nov 26 j 11:40	12°  08'59	3°45'47		-12297 Jun 06 j 09:46	0°  34	
min. Earth dist.	-12300 Nov 26 j 09:08	12°  09'13'05	0.29099 AU		-12297 Jun 30 j 07:33	0°  35	
morning rise	-12300 Dec 02 j 07:13	8°  30'09			-12297 Jul 24 j 08:48	0°  36	
direct	-12300 Dec 18 j 07:58	3°  30'12			-12297 Aug 17 j 15:44	0°  37	
greatest brilliancy	-12300 Dec 27 j 08:53	4°  59'48	-4.7m	desc. node	-12297 Aug 18 j 17:41	1°  39'39	
	-12299 Feb 01 j 19:17	0°  40			-12297 Sep 11 j 06:58	0°  40	
morning max el	-12299 Feb 05 j 01:40	3°  40'24'9	46°02'42		-12297 Oct 06 j 11:15	0°  41	
desc. node	-12299 Mar 03 j 06:48	29°  44'26			-12297 Nov 01 j 17:00	0°  42	
	-12299 Mar 03 j 12:35	0°  45		evening max el	-12297 Nov 26 j 19:33	26°  46'49	44°59'55
	-12299 Mar 30 j 07:24	0°  46			-12297 Nov 30 j 17:04	0°  47	
	-12299 Apr 24 j 16:32	0°  47		asc. node	-12297 Dec 08 j 00:28	6°  48'36'09	
	-12299 May 19 j 05:31	0°  48		greatest brilliancy	-12296 Jan 03 j 02:36	23°  49'38	-4.7m
	-12299 Jun 12 j 06:26	0°  49		retrograde	-12296 Jan 14 j 00:57	25°  50'15	
asc. node	-12299 Jun 22 j 04:43	12°  00'29'58		evening set	-12296 Jan 31 j 14:56	20°  51'07'09	
	-12299 Jul 06 j 01:10	0°  50		inferior conj	-12296 Feb 04 j 10:49	17°  52'46'41	8°07'45
	-12299 Jul 29 j 18:26	0°  51		minimum elong	-12296 Feb 04 j 11:16	17°  53'45'59	8°07'13
morning set	-12299 Aug 04 j 13:07	7°  51'7'57		min. Earth dist.	-12296 Feb 05 j 07:49	17°  54'14'00	0.29353 AU
	-12299 Aug 22 j 13:50	0°  52		morning rise	-12296 Feb 08 j 07:22	15°  55'24'18	
	-12299 Sep 15 j 13:40	0°  53		direct	-12296 Feb 26 j 11:24	9°  56'17'41	
				greatest brilliancy	-12296 Mar 08 j 06:21	11°  57'21'47	-4.7m
superior conj	-12299 Sep 16 j 02:21	0°  58'39'29	0°56'35	desc. node	-12296 Mar 30 j 18:49	25°  58'17'59	
minimum elong	-12299 Sep 16 j 14:09	1°  59'16'11	0°56'55		-12296 Apr 05 j 08:00	0°  59	
max. Earth dist.	-12299 Sep 23 j 06:13	9°  00'33'31	1.72087 AU	morning max el	-12296 Apr 16 j 03:25	10°  01'20'42	46°23'00
	-12299 Oct 09 j 18:25	0°  01			-12296 May 05 j 09:01	0°  02	
desc. node	-12299 Oct 13 j 15:18	4°  02'46'39			-12296 May 31 j 17:49	0°  03	
evening rise	-12299 Oct 28 j 12:22	23°  03'05'59			-12296 Jun 25 j 16:22	0°  04	
	-12299 Nov 03 j 03:06	0°  04		asc. node	-12296 Jul 19 j 18:44	29°  05'47'50	
	-12299 Nov 27 j 14:30	0°  05			-12296 Jul 19 j 22:39	0°  06	
	-12299 Dec 22 j 04:42	0°  06			-12296 Aug 12 j 22:18	0°  07	
	-12298 Jan 16 j 00:08	0°  07			-12296 Sep 05 j 21:39	0°  08	
asc. node	-12298 Feb 01 j 18:12	20°  08'00'10			-12296 Sep 30 j 00:32	0°  09	
	-12298 Feb 10 j 05:17	0°  09		morning set	-12296 Oct 21 j 06:44	26°  10'14'29	
	-12298 Mar 08 j 02:26	0°  10			-12296 Oct 24 j 08:03	0°  11	
	-12298 Apr 04 j 03:38	0°  11		desc. node	-12296 Nov 10 j 04:30	20°  12'41'16	
evening max el	-12298 Apr 23 j 16:07	20°  13'07'03	46°55'29		-12296 Nov 17 j 18:54	0°  13	
	-12298 May 04 j 03:53	0°  14					
desc. node	-12298 May 26 j 13:53	16°  14'52'08		superior conj	-12296 Nov 30 j 13:20	15°  15'38'29	-0°43'17
greatest brilliancy	-12298 Jun 03 j 13:32	20°  15'30'18	-4.9m	minimum elong	-12296 Nov 30 j 05:11	15°  16'13'31	0°42'46
retrograde	-12298 Jun 13 j 01:34	22°  16'11'33		max. Earth dist.	-12296 Nov 30 j 08:52	15°  17'24'48	1.73683 AU
evening set	-12298 Jun 29 j 11:29	17°  17'03'25			-12296 Dec 12 j 06:39	0°  18	
min. Earth dist.	-12298 Jul 03 j 01:02	14°  18'57'19	0.26427 AU		-12295 Jan 05 j 17:37	0°  19	
inferior conj	-12298 Jul 03 j 19:48	14°  19'28'59	-7°47'07	evening rise	-12295 Jan 06 j 11:15	0°  20	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12295 Jan 20 j 21:47	18° \mathbb{M} 37'55	-3.9m	morning max el	-12293 Jun 27 j 16:50	21° \approx 26'54	46°40'05
	-12295 Jan 30 j 03:56	0° \mathbb{A}			-12293 Jul 05 j 21:49	0° \mathbb{H}	
	-12295 Feb 23 j 15:20	0° \mathbb{Z}			-12293 Aug 01 j 13:49	0° \mathbb{Y}	
asc. node	-12295 Mar 01 j 05:10	6° \mathbb{Z} 49'05		asc. node	-12293 Aug 17 j 08:19	18° \mathbb{Y} 41'10	
	-12295 Mar 20 j 05:54	0° \approx			-12293 Aug 26 j 17:44	0° \mathbb{B}	
	-12295 Apr 14 j 01:33	0° \mathbb{H}			-12293 Sep 20 j 09:22	0° \mathbb{I}	
	-12295 May 09 j 05:00	0° \mathbb{Y}			-12293 Oct 14 j 23:00	0° \mathbb{G}	
	-12295 Jun 03 j 23:26	0° \mathbb{B}			-12293 Nov 08 j 14:43	0° \mathbb{Q}	
desc. node	-12295 Jun 22 j 23:34	21° \mathbb{B} 11'10		desc. node	-12293 Dec 03 j 08:16	0° \mathbb{P}	
	-12295 Jul 01 j 06:24	0° \mathbb{I}			-12293 Dec 08 j 18:19	6° \mathbb{P} 34'18	
evening max el	-12295 Jul 05 j 08:19	4° \mathbb{I} 12'22	47°54'38		-12293 Dec 28 j 01:06	0° \mathbb{L}	
	-12295 Aug 03 j 16:10	0° \mathbb{G}		morning set	-12292 Jan 02 j 04:23	6° \mathbb{L} 15'24	
greatest brilliancy	-12295 Aug 15 j 22:58	6° \mathbb{G} 31'28	-4.9m		-12292 Jan 21 j 14:35	0° \mathbb{M}	
retrograde	-12295 Aug 25 j 16:27	8° \mathbb{G} 22'16		max. Earth dist.	-12292 Feb 03 j 00:05	15° \mathbb{M} 13'36	1.73535 AU
evening set	-12295 Sep 10 j 22:27	2° \mathbb{G} 59'32					
min. Earth dist.	-12295 Sep 15 j 00:29	0° \mathbb{G} 26'12	0.27530 AU	superior conj	-12292 Feb 07 j 05:28	20° \mathbb{M} 25'42	-1°19'43
inferior conj	-12295 Sep 15 j 12:56	0° \mathbb{G} 06'17	-5°52'41	minimum elong	-12292 Feb 07 j 07:18	20° \mathbb{M} 31'22	1°20'16
minimum elong	-12295 Sep 15 j 22:20	29° \mathbb{I} 51'15	5°49'49		-12292 Feb 14 j 23:42	0° \mathbb{A}	
	-12295 Sep 15 j 16:52	30° \mathbb{R} \mathbb{I}			-12292 Mar 10 j 05:18	0° \mathbb{Z}	
morning rise	-12295 Sep 20 j 22:47	26° \mathbb{I} 46'28		evening rise	-12292 Mar 13 j 02:55	3° \mathbb{Z} 35'54	
direct	-12295 Oct 06 j 00:32	22° \mathbb{I} 08'23		asc. node	-12292 Mar 28 j 17:03	22° \mathbb{Z} 57'17	
asc. node	-12295 Oct 12 j 06:04	22° \mathbb{I} 54'31			-12292 Apr 03 j 09:12	0° \approx	
greatest brilliancy	-12295 Oct 15 j 07:18	23° \mathbb{I} 48'01	-4.8m		-12292 Apr 27 j 13:07	0° \mathbb{H}	
	-12295 Oct 27 j 12:20	0° \mathbb{G}			-12292 May 21 j 18:31	0° \mathbb{Y}	
morning max el	-12295 Nov 24 j 08:24	23° \mathbb{G} 22'43	46°05'48		-12292 Jun 15 j 03:25	0° \mathbb{B}	
	-12295 Dec 01 j 01:01	0° \mathbb{Q}			-12292 Jul 09 j 19:19	0° \mathbb{I}	
	-12295 Dec 29 j 08:20	0° \mathbb{P}		desc. node	-12292 Jul 20 j 09:28	12° \mathbb{I} 42'10	
	-12294 Jan 25 j 00:41	0° \mathbb{L}			-12292 Aug 04 j 00:52	0° \mathbb{G}	
desc. node	-12294 Feb 02 j 20:01	10° \mathbb{L} 08'50			-12292 Aug 30 j 11:23	0° \mathbb{Q}	
	-12294 Feb 19 j 19:06	0° \mathbb{M}		evening max el	-12292 Sep 14 j 00:24	15° \mathbb{Q} 20'18	46°35'28
	-12294 Mar 16 j 20:35	0° \mathbb{A}			-12292 Sep 29 j 11:27	0° \mathbb{P}	
	-12294 Apr 10 j 08:34	0° \mathbb{Z}		greatest brilliancy	-12292 Oct 23 j 03:41	15° \mathbb{P} 53'40	-4.8m
	-12294 May 04 j 10:42	0° \approx		retrograde	-12292 Nov 03 j 06:12	18° \mathbb{P} 13'44	
morning set	-12294 May 18 j 22:48	18° \approx 14'03		asc. node	-12292 Nov 08 j 16:40	17° \mathbb{P} 36'52	
asc. node	-12294 May 24 j 16:54	25° \approx 29'26		evening set	-12292 Nov 18 j 09:03	13° \mathbb{P} 36'53	
	-12294 May 28 j 06:38	0° \mathbb{H}		min. Earth dist.	-12292 Nov 24 j 02:26	10° \mathbb{P} 03'29	0.29050 AU
	-12294 Jun 20 j 23:48	0° \mathbb{Y}		inferior conj	-12292 Nov 24 j 12:01	9° \mathbb{P} 47'55	3°30'45
				minimum elong	-12292 Nov 24 j 05:26	9° \mathbb{P} 58'36	3°29'20
superior conj	-12294 Jun 26 j 19:01	7° \mathbb{Y} 20'23	1°06'31	morning rise	-12292 Nov 30 j 02:18	6° \mathbb{P} 17'38	
minimum elong	-12294 Jun 26 j 08:51	6° \mathbb{Y} 48'16	1°06'17	direct	-12292 Dec 15 j 23:58	1° \mathbb{P} 21'04	
max. Earth dist.	-12294 Jun 28 j 22:07	10° \mathbb{Y} 02'00	1.70707 AU	greatest brilliancy	-12292 Dec 25 j 01:33	2° \mathbb{P} 50'57	-4.7m
	-12294 Jul 14 j 17:15	0° \mathbb{B}			-12291 Feb 01 j 19:01	0° \mathbb{L}	
evening rise	-12294 Aug 07 j 12:47	29° \mathbb{B} 57'35		morning max el	-12291 Feb 02 j 17:03	0° \mathbb{L} 51'48	46°02'26
	-12294 Aug 07 j 13:33	0° \mathbb{I}		desc. node	-12291 Mar 02 j 09:05	29° \mathbb{L} 06'32	
	-12294 Aug 31 j 14:25	0° \mathbb{G}			-12291 Mar 03 j 04:49	0° \mathbb{M}	
desc. node	-12294 Sep 15 j 05:10	18° \mathbb{G} 06'39			-12291 Mar 29 j 21:08	0° \mathbb{A}	
	-12294 Sep 24 j 20:34	0° \mathbb{Q}			-12291 Apr 24 j 05:06	0° \mathbb{Z}	
	-12294 Oct 19 j 08:20	0° \mathbb{P}			-12291 May 18 j 17:30	0° \approx	
	-12294 Nov 13 j 03:17	0° \mathbb{L}			-12291 Jun 11 j 18:07	0° \mathbb{H}	
	-12294 Dec 08 j 10:27	0° \mathbb{M}		asc. node	-12291 Jun 21 j 06:55	12° \mathbb{H} 00'18	
	-12293 Jan 03 j 17:36	0° \mathbb{A}			-12291 Jul 05 j 12:43	0° \mathbb{Y}	
asc. node	-12293 Jan 04 j 10:18	0° \mathbb{A} 46'10			-12291 Jul 29 j 05:56	0° \mathbb{B}	
	-12293 Feb 01 j 06:17	0° \mathbb{Z}		morning set	-12291 Aug 01 j 22:27	4° \mathbb{B} 39'34	
evening max el	-12293 Feb 06 j 14:55	5° \mathbb{Z} 09'40	45°08'12		-12291 Aug 22 j 01:19	0° \mathbb{I}	
	-12293 Mar 11 j 08:03	0° \approx					
greatest brilliancy	-12293 Mar 17 j 03:46	2° \approx 23'58	-4.7m	superior conj	-12291 Sep 13 j 10:52	28° \mathbb{I} 00'57	0°59'24
retrograde	-12293 Mar 26 j 23:52	4° \approx 05'37		minimum elong	-12291 Sep 13 j 22:43	28° \mathbb{I} 37'54	0°59'45
	-12293 Apr 10 j 21:11	30° \mathbb{R} \mathbb{Z}			-12291 Sep 15 j 01:06	0° \mathbb{G}	
evening set	-12293 Apr 11 j 00:06	29° \mathbb{Z} 56'13		max. Earth dist.	-12291 Sep 20 j 16:31	7° \mathbb{G} 00'59	1.72015 AU
inferior conj	-12293 Apr 16 j 24:00	26° \mathbb{Z} 31'59	2°38'45		-12291 Oct 09 j 05:49	0° \mathbb{Q}	
minimum elong	-12293 Apr 17 j 05:42	26° \mathbb{Z} 23'30	2°36'28	desc. node	-12291 Oct 12 j 17:25	4° \mathbb{Q} 18'01	
min. Earth dist.	-12293 Apr 17 j 23:44	25° \mathbb{Z} 56'46	0.27259 AU	evening rise	-12291 Oct 26 j 00:22	20° \mathbb{Q} 40'14	
morning rise	-12293 Apr 23 j 10:19	22° \mathbb{Z} 52'13			-12291 Nov 02 j 14:30	0° \mathbb{P}	
desc. node	-12293 Apr 28 j 05:49	20° \mathbb{Z} 40'49			-12291 Nov 27 j 01:57	0° \mathbb{L}	
direct	-12293 May 08 j 05:09	18° \mathbb{Z} 44'41			-12291 Dec 21 j 16:23	0° \mathbb{M}	
greatest brilliancy	-12293 May 19 j 22:21	21° \mathbb{Z} 14'03	-4.9m		-12290 Jan 15 j 12:21	0° \mathbb{A}	
	-12293 Jun 03 j 19:08	0° \approx		asc. node	-12290 Jan 31 j 20:33	19° \mathbb{A} 29'11	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12290 Feb 09 j 18:29	0°☾	morning set	-12288 Oct 18 j 18:42	23°☾48'59	
	-12290 Mar 07 j 17:29	0°♊		-12288 Oct 23 j 19:17	0°♊	
	-12290 Apr 03 j 22:32	0°♋	desc. node	-12288 Nov 09 j 06:34	20°♊13'29	
evening max el	-12290 Apr 21 j 04:19	17°♋39'38 46°51'45		-12288 Nov 17 j 06:00	0°♋	
	-12290 May 04 j 11:18	0°♌				
desc. node	-12290 May 25 j 16:06	15°♌12'41	superior conj	-12288 Nov 28 j 04:39	13°♌24'32 -0°40'31	
greatest brilliancy	-12290 Jun 01 j 00:55	17°♌58'31 -4.9m	minimum elong	-12288 Nov 27 j 20:48	13°♌00'27 0°39'58	
retrograde	-12290 Jun 10 j 13:27	19°♌40'23	max. Earth dist.	-12288 Nov 28 j 07:01	13°♌31'45 1.73660 AU	
evening set	-12290 Jun 26 j 19:12	14°♌38'26		-12288 Dec 11 j 17:40	0°♌	
min. Earth dist.	-12290 Jun 30 j 13:26	12°♌26'14 0.26411 AU	evening rise	-12287 Jan 04 j 06:07	28°♌50'52	
inferior conj	-12290 Jul 01 j 07:42	11°♌58'45 -7°35'19		-12287 Jan 05 j 04:38	0°♌	
minimum elong	-12290 Jun 30 j 22:45	12°♌12'13 7°33'48	greatest brilliancy	-12287 Jan 19 j 19:08	17°♌55'43 -3.9m	
morning rise	-12290 Jul 05 j 02:23	9°♌44'40		-12287 Jan 29 j 15:07	0°♌	
direct	-12290 Jul 21 j 11:29	4°♌31'25		-12287 Feb 23 j 02:50	0°☾	
greatest brilliancy	-12290 Jul 31 j 15:04	6°♌28'47 -4.9m	asc. node	-12287 Feb 28 j 07:30	6°☾20'45	
	-12290 Sep 02 j 02:53	0°♍		-12287 Mar 19 j 17:58	0°♊	
morning max el	-12290 Sep 09 j 20:34	7°♍38'09 46°28'53		-12287 Apr 13 j 14:26	0°♋	
asc. node	-12290 Sep 13 j 20:53	11°♍45'46		-12287 May 08 j 19:10	0°♌	
	-12290 Sep 30 j 18:31	0°♍		-12287 Jun 03 j 15:50	0°♍	
	-12290 Oct 27 j 02:59	0°☾	desc. node	-12287 Jun 22 j 01:55	20°♍25'04	
	-12290 Nov 21 j 19:31	0°♎		-12287 Jul 01 j 04:06	0°♍	
	-12290 Dec 17 j 05:47	0°♏	evening max el	-12287 Jul 03 j 00:48	1°♍54'23 47°55'09	
desc. node	-12289 Jan 05 j 08:26	22°♏43'23		-12287 Aug 05 j 00:32	0°☾	
	-12289 Jan 11 j 10:30	0°♐	greatest brilliancy	-12287 Aug 13 j 14:37	4°☾09'35 -4.9m	
	-12289 Feb 05 j 07:54	0°♑	retrograde	-12287 Aug 23 j 07:57	5°☾59'40	
	-12289 Mar 01 j 21:00	0°♒	evening set	-12287 Sep 08 j 16:14	0°☾33'26	
morning set	-12289 Mar 10 j 00:58	10°♒04'02		-12287 Sep 09 j 14:10	30°♒11	
	-12289 Mar 26 j 02:40	0°☾	min. Earth dist.	-12287 Sep 12 j 14:47	28°♒05'18 0.27478 AU	
max. Earth dist.	-12289 Apr 10 j 04:07	18°☾47'13 1.72016 AU	inferior conj	-12287 Sep 13 j 03:45	27°♒44'33 -6°08'35	
			minimum elong	-12287 Sep 13 j 13:15	27°♒29'21 6°05'48	
superior conj	-12289 Apr 14 j 04:56	23°☾50'06 -0°27'21	morning rise	-12287 Sep 18 j 10:53	24°♒28'56	
minimum elong	-12289 Apr 14 j 10:05	24°☾06'14 0°27'48	direct	-12287 Oct 03 j 15:12	19°♒48'15	
	-12289 Apr 19 j 03:02	0°♊	asc. node	-12287 Oct 11 j 08:10	20°♒58'00	
asc. node	-12289 Apr 26 j 05:37	8°♊54'48	greatest brilliancy	-12287 Oct 12 j 21:11	21°♒27'22 -4.8m	
	-12289 May 13 j 00:29	0°♋		-12287 Oct 28 j 12:22	0°☾	
evening rise	-12289 May 20 j 21:53	9°♋55'26	morning max el	-12287 Nov 21 j 23:32	21°☾07'42 46°06'13	
	-12289 Jun 05 j 21:10	0°♌		-12287 Nov 30 j 21:11	0°♎	
	-12289 Jun 29 j 19:09	0°♍		-12287 Dec 28 j 23:33	0°♏	
	-12289 Jul 23 j 20:37	0°♍		-12286 Jan 24 j 13:53	0°♐	
	-12289 Aug 17 j 03:54	0°☾	desc. node	-12286 Feb 01 j 22:12	9°♐38'04	
desc. node	-12289 Aug 17 j 20:02	0°☾49'29		-12286 Feb 19 j 07:15	0°♑	
	-12289 Sep 10 j 19:41	0°♎		-12286 Mar 16 j 08:11	0°♒	
	-12289 Oct 06 j 01:03	0°♏		-12286 Apr 09 j 19:51	0°☾	
	-12289 Nov 01 j 09:14	0°♐		-12286 May 03 j 21:50	0°♊	
evening max el	-12289 Nov 24 j 12:09	24°♐07'09 45°01'45	morning set	-12286 May 16 j 14:26	15°♊57'07	
	-12289 Nov 30 j 17:26	0°♑	asc. node	-12286 May 23 j 19:05	25°♊01'18	
asc. node	-12289 Dec 07 j 02:48	5°♑39'29		-12286 May 27 j 17:44	0°♋	
greatest brilliancy	-12289 Dec 31 j 17:44	21°♑36'55 -4.7m		-12286 Jun 20 j 10:57	0°♌	
retrograde	-12288 Jan 11 j 17:59	23°♑47'00				
evening set	-12288 Jan 29 j 07:01	18°♑00'01	superior conj	-12286 Jun 24 j 06:43	4°♌50'15 1°04'12	
inferior conj	-12288 Feb 02 j 03:27	15°♑38'18 8°07'46	minimum elong	-12286 Jun 23 j 20:27	4°♌17'47 1°03'56	
minimum elong	-12288 Feb 02 j 03:14	15°♑38'39 8°07'15	max. Earth dist.	-12286 Jun 25 j 22:16	6°♌55'20 1.70712 AU	
min. Earth dist.	-12288 Feb 02 j 22:48	15°♑08'05 0.29391 AU		-12286 Jul 14 j 04:30	0°♍	
morning rise	-12288 Feb 05 j 23:15	13°♑16'49	evening rise	-12286 Aug 04 j 20:02	27°♍14'22	
direct	-12288 Feb 24 j 04:40	7°♑08'44		-12286 Aug 07 j 00:52	0°♍	
greatest brilliancy	-12288 Mar 05 j 20:31	9°♑10'22 -4.7m		-12286 Aug 31 j 01:47	0°☾	
desc. node	-12288 Mar 29 j 20:59	24°♑16'41	desc. node	-12286 Sep 14 j 07:17	17°☾37'57	
	-12288 Apr 05 j 11:16	0°♒		-12286 Sep 24 j 08:01	0°♎	
morning max el	-12288 Apr 13 j 20:07	7°♒51'50 46°22'04		-12286 Oct 18 j 20:00	0°♏	
	-12288 May 05 j 02:15	0°☾		-12286 Nov 12 j 15:25	0°♐	
	-12288 May 31 j 08:08	0°♊		-12286 Dec 07 j 23:36	0°♑	
	-12288 Jun 25 j 05:24	0°♋		-12285 Jan 03 j 09:04	0°♒	
asc. node	-12288 Jul 18 j 20:57	29°♋16'20	asc. node	-12285 Jan 03 j 12:39	0°♒09'51	
	-12288 Jul 19 j 10:58	0°♌		-12285 Feb 01 j 04:11	0°☾	
	-12288 Aug 12 j 10:11	0°♍	evening max el	-12285 Feb 04 j 04:11	2°☾51'50 45°05'47	
	-12288 Sep 05 j 09:15	0°♍		-12285 Mar 14 j 10:45	0°♊	
	-12288 Sep 29 j 11:56	0°☾	greatest brilliancy	-12285 Mar 14 j 16:56	0°♊05'11 -4.7m	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

retrograde	-12285 Mar 24 j 11:49	1°≈46'14		superior conj	-12283 Sep 10 j 19:16	25°Ⅱ22'53	1°02'06
	-12285 Apr 03 j 04:05	30°ⅤⅢ		minimum elong	-12283 Sep 11 j 07:07	25°Ⅱ59'49	1°02'28
evening set	-12285 Apr 08 j 15:04	27°Ⅲ33'43			-12283 Sep 14 j 12:14	0°Ⅲ	
inferior conj	-12285 Apr 14 j 13:05	24°Ⅲ12'02	2°59'17	max. Earth dist.	-12283 Sep 18 j 01:09	4°Ⅲ24'05	1.71942 AU
minimum elong	-12285 Apr 14 j 19:26	24°Ⅲ02'36	2°56'50		-12283 Oct 08 j 16:55	0°Ⅲ	
min. Earth dist.	-12285 Apr 15 j 14:34	23°Ⅲ34'10	0.27334 AU	desc. node	-12283 Oct 11 j 19:32	3°Ⅲ50'20	
morning rise	-12285 Apr 20 j 22:39	20°Ⅲ32'36		evening rise	-12283 Oct 23 j 12:18	18°Ⅲ15'12	
desc. node	-12285 Apr 27 j 07:59	17°Ⅲ46'40			-12283 Nov 02 j 01:36	0°Ⅳ	
direct	-12285 May 05 j 18:39	16°Ⅲ22'56			-12283 Nov 26 j 13:07	0°Ⅴ	
greatest brilliancy	-12285 May 17 j 13:31	18°Ⅲ53'11	-4.9m		-12283 Dec 21 j 03:46	0°Ⅵ	
	-12285 Jun 04 j 11:38	0°≈			-12282 Jan 15 j 00:16	0°Ⅶ	
morning max el	-12285 Jun 25 j 05:29	18°≈59'17	46°39'58	asc. node	-12282 Jan 30 j 22:54	18°Ⅶ59'03	
	-12285 Jul 05 j 17:39	0°Ⅷ			-12282 Feb 09 j 07:27	0°Ⅲ	
	-12285 Aug 01 j 05:17	0°Ⅳ			-12282 Mar 07 j 08:24	0°≈	
asc. node	-12285 Aug 16 j 10:34	18°Ⅳ05'20			-12282 Apr 03 j 17:40	0°Ⅷ	
	-12285 Aug 26 j 07:23	0°Ⅲ		evening max el	-12282 Apr 18 j 17:16	15°Ⅷ14'51	46°47'43
	-12285 Sep 19 j 22:01	0°Ⅱ			-12282 May 04 j 21:10	0°Ⅳ	
	-12285 Oct 14 j 11:00	0°Ⅲ		desc. node	-12282 May 24 j 18:27	13°Ⅳ29'24	
	-12285 Nov 08 j 02:14	0°Ⅲ		greatest brilliancy	-12282 May 29 j 11:28	15°Ⅳ25'40	-4.9m
	-12285 Dec 02 j 19:26	0°Ⅳ		retrograde	-12282 Jun 08 j 01:34	17°Ⅳ08'36	
desc. node	-12285 Dec 07 j 20:34	6°Ⅳ07'25		evening set	-12282 Jun 24 j 02:32	12°Ⅳ12'49	
	-12285 Dec 27 j 12:02	0°Ⅴ		min. Earth dist.	-12282 Jun 28 j 01:19	9°Ⅳ54'36	0.26396 AU
morning set	-12285 Dec 30 j 21:46	4°Ⅴ08'58		inferior conj	-12282 Jun 28 j 19:13	9°Ⅳ27'47	-7°22'27
	-12284 Jan 21 j 01:23	0°Ⅵ		minimum elong	-12282 Jun 28 j 09:49	9°Ⅳ41'52	7°20'47
max. Earth dist.	-12284 Jan 31 j 20:23	13°Ⅵ15'19	1.73573 AU	morning rise	-12282 Jul 02 j 17:13	7°Ⅳ09'32	
				direct	-12282 Jul 18 j 23:37	2°Ⅳ00'44	
superior conj	-12284 Feb 05 j 01:25	18°Ⅵ26'13	-1°20'01	greatest brilliancy	-12282 Jul 29 j 04:02	3°Ⅳ59'15	-4.9m
minimum elong	-12284 Feb 05 j 02:43	18°Ⅵ30'13	1°20'34		-12282 Sep 02 j 05:01	0°Ⅲ	
	-12284 Feb 14 j 10:29	0°Ⅶ		morning max el	-12282 Sep 07 j 10:19	5°Ⅶ12'30	46°29'47
	-12284 Mar 09 j 16:12	0°Ⅲ		asc. node	-12282 Sep 12 j 22:59	10°Ⅶ55'22	
evening rise	-12284 Mar 10 j 22:44	1°Ⅲ34'38			-12282 Sep 30 j 11:55	0°Ⅱ	
asc. node	-12284 Mar 27 j 19:10	22°Ⅲ29'27			-12282 Oct 26 j 17:24	0°Ⅲ	
	-12284 Apr 02 j 20:20	0°≈			-12282 Nov 21 j 08:28	0°Ⅲ	
	-12284 Apr 27 j 00:35	0°Ⅷ			-12282 Dec 16 j 17:51	0°Ⅳ	
	-12284 May 21 j 06:26	0°Ⅳ		desc. node	-12281 Jan 04 j 10:33	22°Ⅳ15'08	
	-12284 Jun 14 j 15:52	0°Ⅲ			-12281 Jan 10 j 21:59	0°Ⅴ	
	-12284 Jul 09 j 08:34	0°Ⅱ			-12281 Feb 04 j 19:00	0°Ⅵ	
desc. node	-12284 Jul 19 j 11:47	12°Ⅱ08'08			-12281 Mar 01 j 07:53	0°Ⅶ	
	-12284 Aug 03 j 15:30	0°Ⅲ		morning set	-12281 Mar 07 j 20:41	8°Ⅶ03'13	
	-12284 Aug 30 j 05:13	0°Ⅲ			-12281 Mar 25 j 13:30	0°Ⅲ	
evening max el	-12284 Sep 11 j 15:10	13°Ⅲ02'16	46°39'25	max. Earth dist.	-12281 Apr 07 j 21:09	16°Ⅲ36'31	1.72076 AU
	-12284 Sep 29 j 17:57	0°Ⅳ					
greatest brilliancy	-12284 Oct 20 j 22:26	13°Ⅳ45'36	-4.8m	superior conj	-12281 Apr 11 j 23:28	21°Ⅲ43'52	-0°30'13
retrograde	-12284 Oct 31 j 23:45	16°Ⅳ05'09		minimum elong	-12281 Apr 12 j 05:02	22°Ⅲ01'17	0°30'39
asc. node	-12284 Nov 07 j 19:00	15°Ⅳ07'04			-12281 Apr 18 j 13:57	0°≈	
evening set	-12284 Nov 16 j 01:38	11°Ⅳ29'10		asc. node	-12281 Apr 25 j 07:55	8°≈27'43	
inferior conj	-12284 Nov 22 j 05:27	7°Ⅳ39'14	3°13'52		-12281 May 12 j 11:34	0°Ⅷ	
minimum elong	-12284 Nov 21 j 23:18	7°Ⅳ49'13	3°12'33	evening rise	-12281 May 18 j 13:38	7°Ⅷ39'05	
min. Earth dist.	-12284 Nov 21 j 19:43	7°Ⅳ55'02	0.29002 AU		-12281 Jun 05 j 08:27	0°Ⅳ	
morning rise	-12284 Nov 27 j 21:25	4°Ⅳ06'29			-12281 Jun 29 j 06:40	0°Ⅲ	
	-12284 Dec 07 j 09:57	30°ⅤⅢ			-12281 Jul 23 j 08:25	0°Ⅱ	
direct	-12284 Dec 13 j 15:56	29°Ⅴ12'54		desc. node	-12281 Aug 16 j 22:11	0°Ⅲ18'49	
	-12284 Dec 20 j 03:44	0°Ⅳ			-12281 Aug 16 j 16:03	0°Ⅲ	
greatest brilliancy	-12284 Dec 22 j 18:16	0°Ⅳ43'22	-4.7m		-12281 Sep 10 j 08:23	0°Ⅲ	
morning max el	-12283 Jan 31 j 09:17	28°Ⅳ44'03	46°02'10		-12281 Oct 05 j 14:48	0°Ⅳ	
	-12283 Feb 01 j 17:18	0°Ⅴ			-12281 Nov 01 j 01:33	0°Ⅴ	
desc. node	-12283 Mar 01 j 11:12	28°Ⅴ29'38		evening max el	-12281 Nov 22 j 05:00	21°Ⅴ58'32	45°03'42
	-12283 Mar 02 j 20:25	0°Ⅵ			-12281 Nov 30 j 18:44	0°Ⅵ	
	-12283 Mar 29 j 10:26	0°Ⅶ		asc. node	-12281 Dec 06 j 05:10	4°Ⅵ42'25	
	-12283 Apr 23 j 17:21	0°Ⅲ		greatest brilliancy	-12281 Dec 29 j 09:47	19°Ⅵ30'11	-4.7m
	-12283 May 18 j 05:14	0°≈		retrograde	-12280 Jan 09 j 10:49	21°Ⅵ40'55	
	-12283 Jun 11 j 05:36	0°Ⅷ		evening set	-12280 Jan 26 j 23:09	15°Ⅵ54'39	
asc. node	-12283 Jun 20 j 09:11	11°Ⅷ31'28		inferior conj	-12280 Jan 30 j 20:21	13°Ⅵ31'17	8°07'09
	-12283 Jul 05 j 00:04	0°Ⅳ		minimum elong	-12280 Jan 30 j 19:27	13°Ⅵ32'41	8°06'40
	-12283 Jul 28 j 17:11	0°Ⅲ		min. Earth dist.	-12280 Jan 31 j 14:14	13°Ⅵ03'17	0.29422 AU
morning set	-12283 Jul 30 j 07:45	2°Ⅲ01'50		morning rise	-12280 Feb 03 j 15:36	11°Ⅵ10'13	
	-12283 Aug 21 j 12:30	0°Ⅱ		direct	-12280 Feb 21 j 22:07	5°Ⅵ01'15	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12280 Mar 03 j 10:50	7° \mathbb{M} 00'06	-4.7m			-12278 Aug 30 j 13:17	0° \mathfrak{G}	
desc. node	-12280 Mar 28 j 23:05	23° \mathbb{M} 17'26		desc. node		-12278 Sep 13 j 09:29	17° \mathfrak{G} 08'54	
	-12280 Apr 05 j 12:46	0° \mathfrak{A}				-12278 Sep 23 j 19:39	0° \mathcal{O}	
morning max el	-12280 Apr 11 j 12:22	5° \mathfrak{A} 40'42	46°21'12			-12278 Oct 18 j 07:54	0° \mathfrak{M}	
	-12280 May 04 j 18:56	0° \mathfrak{Z}				-12278 Nov 12 j 03:51	0° \mathfrak{L}	
	-12280 May 30 j 22:10	0° \approx				-12278 Dec 07 j 13:06	0° \mathbb{M}	
	-12280 Jun 24 j 18:14	0° \mathfrak{H}		asc. node		-12277 Jan 02 j 14:58	29° \mathbb{M} 32'33	
asc. node	-12280 Jul 17 j 23:11	28° \mathfrak{H} 45'09				-12277 Jan 03 j 00:59	0° \mathfrak{A}	
	-12280 Jul 18 j 23:10	0° \mathfrak{Y}				-12277 Feb 01 j 03:11	0° \mathfrak{Z}	
	-12280 Aug 11 j 22:02	0° \mathfrak{B}		evening max el		-12277 Feb 01 j 17:11	0° \mathfrak{Z} 33'07	45°03'41
	-12280 Sep 04 j 20:53	0° \mathbb{I}		greatest brilliancy		-12277 Mar 12 j 05:40	27° \mathfrak{Z} 46'05	-4.7m
	-12280 Sep 28 j 23:22	0° \mathfrak{G}		retrograde		-12277 Mar 22 j 00:21	29° \mathfrak{Z} 27'27	
morning set	-12280 Oct 16 j 06:17	21° \mathfrak{G} 22'06		evening set		-12277 Apr 06 j 06:21	25° \mathfrak{Z} 11'13	
	-12280 Oct 23 j 06:32	0° \mathcal{O}		inferior conj		-12277 Apr 12 j 02:22	21° \mathfrak{Z} 52'16	3°19'14
desc. node	-12280 Nov 08 j 08:52	19° \mathcal{O} 46'27		minimum elong		-12277 Apr 12 j 09:18	21° \mathfrak{Z} 41'58	3°16'39
	-12280 Nov 16 j 17:04	0° \mathfrak{M}		min. Earth dist.		-12277 Apr 13 j 05:26	21° \mathfrak{Z} 12'04	0.27413 AU
				morning rise		-12277 Apr 18 j 11:03	18° \mathfrak{Z} 13'41	
superior conj	-12280 Nov 25 j 19:40	11° \mathfrak{M} 09'40	-0°37'39	desc. node		-12277 Apr 26 j 10:24	14° \mathfrak{Z} 57'43	
minimum elong	-12280 Nov 25 j 12:09	10° \mathfrak{M} 46'38	0°37'05	direct		-12277 May 03 j 08:25	14° \mathfrak{Z} 01'10	
max. Earth dist.	-12280 Nov 26 j 05:49	11° \mathfrak{M} 40'47	1.73628 AU	greatest brilliancy		-12277 May 15 j 05:10	16° \mathfrak{Z} 32'55	-4.9m
	-12280 Dec 11 j 04:38	0° \mathfrak{L}				-12277 Jun 05 j 00:13	0° \approx	
evening rise	-12279 Jan 02 j 00:59	26° \mathfrak{L} 47'43		morning max el		-12277 Jun 22 j 19:13	16° \approx 34'05	46°40'00
	-12279 Jan 04 j 15:39	0° \mathbb{M}				-12277 Jul 05 j 13:06	0° \mathfrak{H}	
greatest brilliancy	-12279 Jan 18 j 23:39	17° \mathbb{M} 35'34	-3.9m			-12277 Jul 31 j 20:42	0° \mathfrak{Y}	
	-12279 Jan 29 j 02:18	0° \mathfrak{A}		asc. node		-12277 Aug 15 j 12:42	17° \mathfrak{Y} 28'55	
	-12279 Feb 22 j 14:22	0° \mathfrak{Z}				-12277 Aug 25 j 21:04	0° \mathfrak{B}	
asc. node	-12279 Feb 27 j 09:41	5° \mathfrak{Z} 51'58				-12277 Sep 19 j 10:45	0° \mathbb{I}	
	-12279 Mar 19 j 06:02	0° \approx				-12277 Oct 13 j 23:10	0° \mathfrak{G}	
	-12279 Apr 13 j 03:20	0° \mathfrak{H}				-12277 Nov 07 j 13:59	0° \mathcal{O}	
	-12279 May 08 j 09:22	0° \mathfrak{Y}				-12277 Dec 02 j 06:53	0° \mathfrak{M}	
	-12279 Jun 03 j 08:25	0° \mathfrak{B}		desc. node		-12277 Dec 06 j 22:41	5° \mathfrak{M} 39'18	
desc. node	-12279 Jun 21 j 04:10	19° \mathfrak{B} 38'08				-12277 Dec 26 j 23:15	0° \mathfrak{L}	
evening max el	-12279 Jun 30 j 16:34	29° \mathfrak{B} 34'33	47°55'13	morning set		-12277 Dec 28 j 14:47	2° \mathfrak{L} 00'27	
	-12279 Jul 01 j 02:35	0° \mathbb{I}				-12276 Jan 20 j 12:27	0° \mathbb{M}	
	-12279 Aug 07 j 01:01	0° \mathfrak{G}		max. Earth dist.		-12276 Jan 29 j 17:51	11° \mathbb{M} 19'52	1.73606 AU
greatest brilliancy	-12279 Aug 11 j 06:37	1° \mathfrak{G} 47'28	-4.9m					
retrograde	-12279 Aug 20 j 22:46	3° \mathfrak{G} 36'01		superior conj		-12276 Feb 02 j 21:09	16° \mathbb{M} 25'17	-1°20'14
	-12279 Sep 03 j 01:54	30° \mathfrak{R} \mathbb{I}		minimum elong		-12276 Feb 02 j 21:54	16° \mathbb{M} 27'36	1°20'45
evening set	-12279 Sep 06 j 09:55	28° \mathbb{I} 06'26				-12276 Feb 13 j 21:30	0° \mathfrak{A}	
min. Earth dist.	-12279 Sep 10 j 05:19	25° \mathbb{I} 43'02	0.27431 AU	evening rise		-12276 Mar 08 j 18:33	29° \mathfrak{A} 32'48	
inferior conj	-12279 Sep 10 j 18:28	25° \mathbb{I} 21'58	-6°24'01			-12276 Mar 09 j 03:20	0° \mathfrak{Z}	
minimum elong	-12279 Sep 11 j 03:59	25° \mathbb{I} 06'46	6°21'19	asc. node		-12276 Mar 26 j 21:28	22° \mathfrak{Z} 01'28	
morning rise	-12279 Sep 15 j 22:38	22° \mathbb{I} 10'36				-12276 Apr 02 j 07:43	0° \approx	
direct	-12279 Oct 01 j 05:27	17° \mathbb{I} 27'07				-12276 Apr 26 j 12:20	0° \mathfrak{H}	
asc. node	-12279 Oct 10 j 10:31	19° \mathbb{I} 05'16				-12276 May 20 j 18:38	0° \mathfrak{Y}	
greatest brilliancy	-12279 Oct 10 j 11:34	19° \mathbb{I} 06'10	-4.8m			-12276 Jun 14 j 04:38	0° \mathfrak{B}	
	-12279 Oct 29 j 06:30	0° \mathfrak{G}				-12276 Jul 08 j 22:08	0° \mathbb{I}	
morning max el	-12279 Nov 19 j 13:52	18° \mathfrak{G} 49'43	46°06'45	desc. node		-12276 Jul 18 j 14:01	11° \mathbb{I} 32'57	
	-12279 Nov 30 j 16:58	0° \mathcal{O}				-12276 Aug 03 j 06:32	0° \mathfrak{G}	
	-12279 Dec 28 j 14:43	0° \mathfrak{M}				-12276 Aug 29 j 23:41	0° \mathcal{O}	
	-12278 Jan 24 j 03:05	0° \mathfrak{L}		evening max el		-12276 Sep 09 j 06:41	10° \mathcal{O} 45'34	46°43'21
desc. node	-12278 Feb 01 j 00:18	9° \mathfrak{L} 06'59				-12276 Sep 30 j 03:16	0° \mathfrak{M}	
	-12278 Feb 18 j 19:26	0° \mathbb{M}		greatest brilliancy		-12276 Oct 18 j 16:31	11° \mathfrak{M} 35'52	-4.8m
	-12278 Mar 15 j 19:49	0° \mathfrak{A}		retrograde		-12276 Oct 29 j 17:39	13° \mathfrak{M} 55'36	
	-12278 Apr 09 j 07:12	0° \mathfrak{Z}		asc. node		-12276 Nov 06 j 21:22	12° \mathfrak{M} 31'40	
	-12278 May 03 j 09:03	0° \approx		evening set		-12276 Nov 13 j 18:19	9° \mathfrak{M} 20'10	
morning set	-12278 May 14 j 06:39	13° \approx 41'47		inferior conj		-12276 Nov 19 j 22:51	5° \mathfrak{M} 29'23	2°56'39
asc. node	-12278 May 22 j 21:24	24° \approx 33'20		minimum elong		-12276 Nov 19 j 17:09	5° \mathfrak{M} 38'36	2°55'27
	-12278 May 27 j 04:55	0° \mathfrak{H}		min. Earth dist.		-12276 Nov 19 j 12:44	5° \mathfrak{M} 45'45	0.28957 AU
	-12278 Jun 19 j 22:11	0° \mathfrak{Y}		morning rise		-12276 Nov 25 j 16:28	1° \mathfrak{M} 54'27	
						-12276 Nov 29 j 06:40	30° \mathfrak{R} \mathcal{O}	
superior conj	-12278 Jun 21 j 19:08	2° \mathfrak{Y} 22'10	1°01'49	direct		-12276 Dec 11 j 08:14	27° \mathcal{O} 03'32	
minimum elong	-12278 Jun 21 j 08:50	1° \mathfrak{Y} 49'37	1°01'30	greatest brilliancy		-12276 Dec 20 j 10:47	28° \mathcal{O} 34'29	-4.7m
max. Earth dist.	-12278 Jun 22 j 23:35	3° \mathfrak{Y} 52'12	1.70721 AU			-12276 Dec 24 j 06:09	0° \mathfrak{M}	
	-12278 Jul 13 j 15:49	0° \mathfrak{B}		morning max el		-12275 Jan 29 j 02:28	26° \mathfrak{M} 37'29	46°01'53
evening rise	-12278 Aug 02 j 03:55	24° \mathfrak{B} 32'48				-12275 Feb 01 j 15:12	0° \mathfrak{L}	
	-12278 Aug 06 j 12:16	0° \mathbb{I}		desc. node		-12275 Feb 28 j 13:21	27° \mathfrak{L} 52'07	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12275 Mar 02 j 12:10	0°♌			-12273 Oct 05 j 04:57	0°♐		
	-12275 Mar 28 j 23:58	0°♏			-12273 Oct 31 j 18:25	0°♑		
	-12275 Apr 23 j 05:51	0°♐	evening max el		-12273 Nov 19 j 21:12	19°♑47'34	45°05'44	
	-12275 May 17 j 17:13	0°♑			-12273 Nov 30 j 21:45	0°♒		
	-12275 Jun 10 j 17:19	0°♒	asc. node		-12273 Dec 05 j 07:26	3°♒43'14		
asc. node	-12275 Jun 19 j 11:17	11°♒01'21	greatest brilliancy		-12273 Dec 27 j 02:19	17°♒23'25	-4.7m	
	-12275 Jul 04 j 11:40	0°♓	retrograde		-12272 Jan 07 j 03:18	19°♒34'24		
morning set	-12275 Jul 27 j 17:17	29°♓23'53	evening set		-12272 Jan 24 j 15:08	13°♒49'15		
	-12275 Jul 28 j 04:43	0°♈	inferior conj		-12272 Jan 28 j 13:21	11°♒23'56	8°05'57	
	-12275 Aug 20 j 23:58	0°♉	minimum elong		-12272 Jan 28 j 11:46	11°♒26'25	8°05'26	
			min. Earth dist.		-12272 Jan 29 j 06:02	10°♒57'44	0.29452 AU	
superior conj	-12275 Sep 08 j 03:45	22°♉44'02	morning rise		-12272 Feb 01 j 08:15	9°♒02'56		
minimum elong	-12275 Sep 08 j 15:29	23°♉20'38	direct		-12272 Feb 19 j 15:17	2°♒53'26		
	-12275 Sep 13 j 23:39	0°♊	greatest brilliancy		-12272 Mar 01 j 01:44	4°♒49'59	-4.7m	
max. Earth dist.	-12275 Sep 15 j 09:55	1°♊46'38	desc. node		-12272 Mar 28 j 01:28	22°♒19'28		
	-12275 Oct 08 j 04:17	0°♋			-12272 Apr 05 j 13:22	0°♏		
desc. node	-12275 Oct 10 j 21:52	3°♋22'28	morning max el		-12272 Apr 09 j 03:43	3°♏26'43	46°20'14	
evening rise	-12275 Oct 21 j 00:15	15°♋49'24			-12272 May 04 j 11:38	0°♐		
	-12275 Nov 01 j 12:58	0°♑			-12272 May 30 j 12:20	0°♑		
	-12275 Nov 26 j 00:34	0°♒			-12272 Jun 24 j 07:13	0°♒		
	-12275 Dec 20 j 15:30	0°♓	asc. node		-12272 Jul 17 j 01:19	28°♒13'13		
	-12274 Jan 14 j 12:34	0°♏			-12272 Jul 18 j 11:31	0°♓		
asc. node	-12274 Jan 30 j 01:06	18°♏27'21			-12272 Aug 11 j 10:01	0°♈		
	-12274 Feb 08 j 20:51	0°♐			-12272 Sep 04 j 08:38	0°♉		
	-12274 Mar 06 j 23:53	0°♑			-12272 Sep 28 j 10:56	0°♊		
	-12274 Apr 03 j 13:40	0°♒	morning set		-12272 Oct 13 j 17:43	18°♊54'06		
evening max el	-12274 Apr 16 j 07:12	12°♒51'57			-12272 Oct 22 j 17:55	0°♋		
	-12274 May 05 j 10:34	0°♓	desc. node		-12272 Nov 07 j 10:57	19°♋18'14		
desc. node	-12274 May 23 j 20:40	11°♓41'29			-12272 Nov 16 j 04:17	0°♌		
greatest brilliancy	-12274 May 26 j 21:53	12°♓52'33						
retrograde	-12274 Jun 05 j 13:53	14°♓36'26	superior conj		-12272 Nov 23 j 10:32	8°♌53'52	-0°34'42	
evening set	-12274 Jun 21 j 10:08	9°♓46'51	minimum elong		-12272 Nov 23 j 03:25	8°♌32'03	0°34'07	
min. Earth dist.	-12274 Jun 25 j 13:15	7°♓22'46	max. Earth dist.		-12272 Nov 24 j 03:32	9°♌45'58	1.73592 AU	
inferior conj	-12274 Jun 26 j 06:50	6°♓56'30			-12272 Dec 10 j 15:46	0°♍		
minimum elong	-12274 Jun 25 j 21:06	7°♓11'03	evening rise		-12272 Dec 30 j 19:46	24°♍43'57		
morning rise	-12274 Jun 30 j 08:12	4°♓33'53			-12271 Jan 04 j 02:46	0°♎		
	-12274 Jul 11 j 14:03	30°♈	greatest brilliancy		-12271 Jan 18 j 06:58	17°♎23'40	-3.9m	
direct	-12274 Jul 16 j 12:16	29°♈29'53			-12271 Jan 28 j 13:35	0°♏		
	-12274 Jul 21 j 12:53	0°♓			-12271 Feb 22 j 02:00	0°♐		
greatest brilliancy	-12274 Jul 26 j 16:50	1°♓28'52	asc. node		-12271 Feb 26 j 12:02	5°♐23'20		
	-12274 Sep 02 j 06:09	0°♈			-12271 Mar 18 j 18:16	0°♑		
morning max el	-12274 Sep 05 j 00:05	2°♈46'08			-12271 Apr 12 j 16:29	0°♒		
asc. node	-12274 Sep 12 j 01:18	10°♈05'35			-12271 May 07 j 23:56	0°♓		
	-12274 Sep 30 j 05:14	0°♉			-12271 Jun 03 j 01:31	0°♈		
	-12274 Oct 26 j 07:57	0°♊	desc. node		-12271 Jun 20 j 06:24	18°♈49'58		
	-12274 Nov 20 j 21:35	0°♋	evening max el		-12271 Jun 28 j 07:17	27°♈11'23	47°55'16	
	-12274 Dec 16 j 06:06	0°♌			-12271 Jul 01 j 02:13	0°♉		
desc. node	-12273 Jan 03 j 12:38	21°♌46'03	greatest brilliancy		-12271 Aug 08 j 22:55	29°♉25'01	-4.9m	
	-12273 Jan 10 j 09:41	0°♍			-12271 Aug 10 j 17:43	0°♊		
	-12273 Feb 04 j 06:21	0°♎	retrograde		-12271 Aug 18 j 13:01	1°♊11'45		
	-12273 Feb 28 j 19:04	0°♏			-12271 Aug 26 j 01:32	30°♊		
morning set	-12273 Mar 05 j 16:20	6°♏01'16	evening set		-12271 Sep 04 j 03:31	25°♊38'43		
	-12273 Mar 25 j 00:38	0°♐	inferior conj		-12271 Sep 08 j 09:06	22°♊58'53	-6°38'52	
max. Earth dist.	-12273 Apr 05 j 12:11	14°♐18'46	minimum elong		-12271 Sep 08 j 18:34	22°♊43'44	6°36'15	
			min. Earth dist.		-12271 Sep 07 j 20:01	23°♊19'50	0.27384 AU	
superior conj	-12273 Apr 09 j 18:00	19°♐36'49	morning rise		-12271 Sep 13 j 10:08	19°♊51'57		
minimum elong	-12273 Apr 09 j 23:57	19°♐55'25	direct		-12271 Sep 28 j 19:07	15°♊05'16		
	-12273 Apr 18 j 01:09	0°♑	greatest brilliancy		-12271 Oct 08 j 02:21	16°♊44'56	-4.8m	
asc. node	-12273 Apr 24 j 10:12	7°♑59'40	asc. node		-12271 Oct 09 j 12:53	17°♊16'31		
	-12273 May 11 j 22:54	0°♒			-12271 Oct 29 j 20:12	0°♋		
evening rise	-12273 May 16 j 05:24	5°♒22'01	morning max el		-12271 Nov 17 j 03:47	16°♋30'15	46°07'20	
	-12273 Jun 04 j 19:58	0°♓			-12271 Nov 30 j 12:17	0°♌		
	-12273 Jun 28 j 18:25	0°♈			-12271 Dec 28 j 05:45	0°♍		
	-12273 Jul 22 j 20:28	0°♉			-12270 Jan 23 j 16:15	0°♎		
desc. node	-12273 Aug 16 j 00:26	29°♉47'35	desc. node		-12270 Jan 31 j 02:27	8°♎36'02		
	-12273 Aug 16 j 04:29	0°♊			-12270 Feb 18 j 07:36	0°♏		
	-12273 Sep 09 j 21:24	0°♋			-12270 Mar 15 j 07:25	0°♐		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12270 Apr 08 j 18:31	0°☾		asc. node	-12268 Nov 05 j 23:32	9°☾51'33	
	-12270 May 02 j 20:15	0°≈		evening set	-12268 Nov 11 j 11:00	7°☾10'44	
morning set	-12270 May 11 j 22:52	11°≈26'30		min. Earth dist.	-12268 Nov 17 j 05:18	3°☾36'31	0.28908 AU
asc. node	-12270 May 21 j 23:29	24°≈04'31		inferior conj	-12268 Nov 17 j 16:02	3°☾19'10	2°38'58
	-12270 May 26 j 16:08	0°☿		minimum elong	-12268 Nov 17 j 10:50	3°☾27'34	2°37'54
					-12268 Nov 22 j 23:04	30°☾	
superior conj	-12270 Jun 19 j 07:22	29°☿53'17	0°59'18	morning rise	-12268 Nov 23 j 11:15	29°☾42'15	
minimum elong	-12270 Jun 18 j 21:08	29°☿20'55	0°58'55	direct	-12268 Dec 09 j 00:48	24°☾54'03	
	-12270 Jun 19 j 09:29	0°☿		greatest brilliancy	-12268 Dec 18 j 02:34	26°☾24'54	-4.7m
max. Earth dist.	-12270 Jun 20 j 02:04	0°☿52'28	1.70738 AU		-12268 Dec 26 j 09:01	0°☾	
	-12270 Jul 13 j 03:12	0°☿		morning max el	-12267 Jan 26 j 19:53	24°☾32'07	46°01'34
evening rise	-12270 Jul 30 j 11:34	21°☿50'18			-12267 Feb 01 j 12:06	0°☿	
	-12270 Aug 05 j 23:43	0°☿		desc. node	-12267 Feb 27 j 15:37	27°☿15'54	
	-12270 Aug 30 j 00:48	0°☿			-12267 Mar 02 j 03:27	0°☿	
desc. node	-12270 Sep 12 j 11:48	16°☿40'15			-12267 Mar 28 j 13:10	0°☿	
	-12270 Sep 23 j 07:19	0°☿			-12267 Apr 22 j 18:03	0°☿	
	-12270 Oct 17 j 19:49	0°☿			-12267 May 17 j 04:54	0°≈	
	-12270 Nov 11 j 16:18	0°☿		greatest brilliancy	-12267 May 31 j 09:59	17°≈43'01	-3.9m
	-12270 Dec 07 j 02:40	0°☿			-12267 Jun 10 j 04:45	0°☿	
asc. node	-12269 Jan 01 j 17:16	28°☿55'00		asc. node	-12267 Jun 18 j 13:29	10°☿32'29	
	-12269 Jan 02 j 17:06	0°☿			-12267 Jul 03 j 22:58	0°☿	
evening max el	-12269 Jan 30 j 06:38	28°☿15'56	45°01'50	morning set	-12267 Jul 25 j 03:06	26°☿47'43	
	-12269 Feb 01 j 03:04	0°☿			-12267 Jul 27 j 15:57	0°☿	
greatest brilliancy	-12269 Mar 09 j 17:50	25°☿27'20	-4.7m		-12267 Aug 20 j 11:10	0°☿	
retrograde	-12269 Mar 19 j 13:39	27°☿09'49					
evening set	-12269 Apr 03 j 21:53	22°☿49'40		superior conj	-12267 Sep 05 j 11:59	20°☿04'53	1°07'05
inferior conj	-12269 Apr 09 j 15:48	19°☿33'29	3°38'36	minimum elong	-12267 Sep 05 j 23:26	20°☿40'38	1°07'29
minimum elong	-12269 Apr 09 j 23:15	19°☿22'24	3°35'56	max. Earth dist.	-12267 Sep 12 j 19:36	29°☿12'34	1.71800 AU
min. Earth dist.	-12269 Apr 10 j 19:57	18°☿51'41	0.27495 AU		-12267 Sep 13 j 10:50	0°☿	
morning rise	-12269 Apr 15 j 23:27	15°☿56'15			-12267 Oct 07 j 15:27	0°☿	
desc. node	-12269 Apr 25 j 12:30	12°☿15'29		desc. node	-12267 Oct 09 j 23:58	2°☿54'29	
direct	-12269 Apr 30 j 22:48	11°☿40'30		evening rise	-12267 Oct 18 j 11:32	13°☿22'03	
greatest brilliancy	-12269 May 12 j 20:30	14°☿13'24	-4.8m		-12267 Nov 01 j 00:07	0°☿	
	-12269 Jun 05 j 09:23	0°≈			-12267 Nov 25 j 11:48	0°☿	
morning max el	-12269 Jun 20 j 09:53	14°≈11'52	46°39'44		-12267 Dec 20 j 03:00	0°☿	
	-12269 Jul 05 j 07:57	0°☿			-12266 Jan 14 j 00:41	0°☿	
	-12269 Jul 31 j 11:54	0°☿		asc. node	-12266 Jan 29 j 03:29	17°☿56'49	
asc. node	-12269 Aug 14 j 14:58	16°☿53'15			-12266 Feb 08 j 10:07	0°☿	
	-12269 Aug 25 j 10:38	0°☿			-12266 Mar 06 j 15:19	0°≈	
	-12269 Sep 18 j 23:25	0°☿			-12266 Apr 03 j 09:59	0°☿	
	-12269 Oct 13 j 11:13	0°☿		evening max el	-12266 Apr 13 j 21:33	10°☿31'02	46°39'52
	-12269 Nov 07 j 01:36	0°☿			-12266 May 06 j 03:40	0°☿	
	-12269 Dec 01 j 18:11	0°☿		desc. node	-12266 May 22 j 22:53	9°☿50'27	
desc. node	-12269 Dec 06 j 00:44	5°☿11'24		greatest brilliancy	-12266 May 24 j 08:39	10°☿21'10	-4.9m
morning set	-12269 Dec 26 j 07:34	29°☿51'37		retrograde	-12266 Jun 03 j 01:52	12°☿05'24	
	-12269 Dec 26 j 10:19	0°☿		evening set	-12266 Jun 18 j 17:55	7°☿22'16	
	-12268 Jan 19 j 23:23	0°☿		min. Earth dist.	-12266 Jun 23 j 01:27	4°☿52'04	0.26366 AU
max. Earth dist.	-12268 Jan 27 j 16:14	9°☿27'32	1.73637 AU	inferior conj	-12266 Jun 23 j 18:28	4°☿26'38	-6°54'11
				minimum elong	-12266 Jun 23 j 08:29	4°☿41'33	6°52'15
superior conj	-12268 Jan 31 j 16:50	14°☿24'34	-1°20'21	morning rise	-12266 Jun 27 j 23:14	1°☿59'29	
minimum elong	-12268 Jan 31 j 17:01	14°☿25'08	1°20'50		-12266 Jul 01 j 19:40	30°☿	
	-12268 Feb 13 j 08:25	0°☿		direct	-12266 Jul 14 j 00:58	27°☿00'40	
evening rise	-12268 Mar 06 j 14:32	27°☿31'57		greatest brilliancy	-12266 Jul 24 j 05:38	28°☿59'46	-4.9m
	-12268 Mar 08 j 14:20	0°☿			-12266 Jul 26 j 16:19	0°☿	
asc. node	-12268 Mar 25 j 23:48	21°☿34'08			-12266 Sep 02 j 05:40	0°☿	
	-12268 Apr 01 j 18:56	0°≈		morning max el	-12266 Sep 02 j 12:52	0°☿18'18	46°31'11
	-12268 Apr 25 j 23:54	0°☿		asc. node	-12266 Sep 11 j 03:37	9°☿17'50	
	-12268 May 20 j 06:39	0°☿			-12266 Sep 29 j 21:52	0°☿	
	-12268 Jun 13 j 17:15	0°☿			-12266 Oct 25 j 22:03	0°☿	
	-12268 Jul 08 j 11:38	0°☿			-12266 Nov 20 j 10:23	0°☿	
desc. node	-12268 Jul 17 j 16:16	10°☿58'03			-12266 Dec 15 j 18:04	0°☿	
	-12268 Aug 02 j 21:38	0°☿		desc. node	-12265 Jan 02 j 14:51	21°☿18'14	
	-12268 Aug 29 j 18:33	0°☿			-12265 Jan 09 j 21:05	0°☿	
evening max el	-12268 Sep 06 j 23:08	8°☿31'16	46°47'17		-12265 Feb 03 j 17:24	0°☿	
	-12268 Sep 30 j 15:49	0°☿			-12265 Feb 28 j 05:56	0°☿	
greatest brilliancy	-12268 Oct 16 j 10:14	9°☿25'33	-4.8m	morning set	-12265 Mar 03 j 11:47	3°☿59'46	
retrograde	-12268 Oct 27 j 11:40	11°☿45'36			-12265 Mar 24 j 11:29	0°☿	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

max. Earth dist.	-12265 Apr 03 j 03:01	12° ♁ 01'20	1.72201 AU	morning rise	-12263 Sep 10 j 21:27	17° ♁ 34'04	
				direct	-12263 Sep 26 j 08:25	12° ♁ 43'38	
superior conj	-12265 Apr 07 j 12:36	17° ♁ 30'58	-0°35'46	greatest brilliancy	-12263 Oct 05 j 17:20	14° ♁ 24'31	-4.8m
minimum elong	-12265 Apr 07 j 18:54	17° ♁ 50'38	0°36'12	asc. node	-12263 Oct 08 j 14:59	15° ♁ 32'17	
	-12265 Apr 17 j 12:05	0° ♁			-12263 Oct 30 j 06:04	0° ♁	
asc. node	-12265 Apr 23 j 12:18	7° ♁ 31'53		morning max el	-12263 Nov 14 j 17:52	14° ♁ 11'50	46°08'06
	-12265 May 11 j 09:58	0° ♁			-12263 Nov 30 j 06:46	0° ♁	
evening rise	-12265 May 13 j 21:24	3° ♁ 06'37			-12263 Dec 27 j 20:20	0° ♁	
	-12265 Jun 04 j 07:13	0° ♁			-12262 Jan 23 j 05:06	0° ♁	
	-12265 Jun 28 j 05:53	0° ♁		desc. node	-12262 Jan 30 j 04:39	8° ♁ 06'00	
	-12265 Jul 22 j 08:12	0° ♁			-12262 Feb 17 j 19:33	0° ♁	
desc. node	-12265 Aug 15 j 02:47	29° ♁ 17'46			-12262 Mar 14 j 18:51	0° ♁	
	-12265 Aug 15 j 16:35	0° ♁			-12262 Apr 08 j 05:41	0° ♁	
	-12265 Sep 09 j 10:06	0° ♁			-12262 May 02 j 07:18	0° ♁	
	-12265 Oct 04 j 18:51	0° ♁		morning set	-12262 May 09 j 15:17	9° ♁ 12'24	
	-12265 Oct 31 j 11:16	0° ♁		asc. node	-12262 May 21 j 01:43	23° ♁ 36'41	
evening max el	-12265 Nov 17 j 12:39	17° ♁ 35'24	45°07'48		-12262 May 26 j 03:11	0° ♁	
	-12265 Dec 01 j 02:09	0° ♁					
asc. node	-12265 Dec 04 j 09:45	2° ♁ 43'33		superior conj	-12262 Jun 16 j 19:45	27° ♁ 25'23	0°56'40
greatest brilliancy	-12265 Dec 24 j 19:06	15° ♁ 17'31	-4.7m	minimum elong	-12262 Jun 16 j 09:38	26° ♁ 53'26	0°56'16
retrograde	-12264 Jan 04 j 19:44	17° ♁ 28'50		max. Earth dist.	-12262 Jun 17 j 08:40	28° ♁ 06'17	1.70760 AU
evening set	-12264 Jan 22 j 06:57	11° ♁ 44'58			-12262 Jun 18 j 20:37	0° ♁	
inferior conj	-12264 Jan 26 j 06:26	9° ♁ 17'31	8°04'00		-12262 Jul 12 j 14:27	0° ♁	
minimum elong	-12264 Jan 26 j 04:12	9° ♁ 21'02	8°03'29	evening rise	-12262 Jul 27 j 19:30	19° ♁ 09'01	
min. Earth dist.	-12264 Jan 26 j 22:09	8° ♁ 52'45	0.29479 AU		-12262 Aug 05 j 11:04	0° ♁	
morning rise	-12264 Jan 30 j 01:15	6° ♁ 56'14			-12262 Aug 29 j 12:14	0° ♁	
direct	-12264 Feb 17 j 08:00	0° ♁ 46'30		desc. node	-12262 Sep 11 j 13:56	16° ♁ 11'16	
greatest brilliancy	-12264 Feb 27 j 17:17	21° ♁ 41'31	-4.7m		-12262 Sep 22 j 18:52	0° ♁	
desc. node	-12264 Mar 27 j 03:35	21° ♁ 23'05			-12262 Oct 17 j 07:37	0° ♁	
	-12264 Apr 05 j 12:32	0° ♁			-12262 Nov 11 j 04:37	0° ♁	
morning max el	-12264 Apr 06 j 18:29	1° ♁ 12'15	46°19'18		-12262 Dec 06 j 16:09	0° ♁	
	-12264 May 04 j 03:44	0° ♁		asc. node	-12262 Dec 31 j 19:37	28° ♁ 17'51	
	-12264 May 30 j 02:05	0° ♁			-12261 Jan 02 j 09:17	0° ♁	
	-12264 Jun 23 j 19:52	0° ♁		evening max el	-12261 Jan 27 j 20:58	26° ♁ 01'26	45°00'00
asc. node	-12264 Jul 16 j 03:32	27° ♁ 42'28			-12261 Feb 01 j 03:55	0° ♁	
	-12264 Jul 17 j 23:34	0° ♁		greatest brilliancy	-12261 Mar 07 j 05:45	23° ♁ 09'01	-4.7m
	-12264 Aug 10 j 21:42	0° ♁		retrograde	-12261 Mar 17 j 03:22	24° ♁ 52'46	
	-12264 Sep 03 j 20:04	0° ♁		evening set	-12261 Apr 01 j 13:40	20° ♁ 28'44	
	-12264 Sep 27 j 22:09	0° ♁		inferior conj	-12261 Apr 07 j 05:19	17° ♁ 15'12	3°57'31
morning set	-12264 Oct 11 j 05:18	16° ♁ 27'29		minimum elong	-12261 Apr 07 j 13:16	17° ♁ 03'24	3°54'45
	-12264 Oct 22 j 04:57	0° ♁		min. Earth dist.	-12261 Apr 08 j 10:11	16° ♁ 32'23	0.27578 AU
desc. node	-12264 Nov 06 j 13:03	18° ♁ 51'05		morning rise	-12261 Apr 13 j 11:46	13° ♁ 39'36	
	-12264 Nov 15 j 15:12	0° ♁		desc. node	-12261 Apr 24 j 14:42	9° ♁ 39'11	
				direct	-12261 Apr 28 j 13:50	9° ♁ 20'32	
superior conj	-12264 Nov 21 j 01:24	6° ♁ 38'58	-0°31'42	greatest brilliancy	-12261 May 10 j 11:18	11° ♁ 53'43	-4.8m
minimum elong	-12264 Nov 20 j 18:45	6° ♁ 18'34	0°31'06		-12261 Jun 05 j 16:00	0° ♁	
max. Earth dist.	-12264 Nov 22 j 00:07	7° ♁ 48'35	1.73556 AU	morning max el	-12261 Jun 18 j 01:03	11° ♁ 51'23	46°39'25
	-12264 Dec 10 j 02:37	0° ♁			-12261 Jul 05 j 02:16	0° ♁	
evening rise	-12264 Dec 28 j 14:24	22° ♁ 40'30			-12261 Jul 31 j 02:50	0° ♁	
	-12263 Jan 03 j 13:40	0° ♁		asc. node	-12261 Aug 13 j 17:12	16° ♁ 17'54	
greatest brilliancy	-12263 Jan 17 j 19:20	17° ♁ 27'59	-3.9m		-12261 Aug 25 j 00:03	0° ♁	
	-12263 Jan 28 j 00:39	0° ♁			-12261 Sep 18 j 11:58	0° ♁	
	-12263 Feb 21 j 13:26	0° ♁			-12261 Oct 12 j 23:13	0° ♁	
asc. node	-12263 Feb 25 j 14:21	4° ♁ 55'15			-12261 Nov 06 j 13:11	0° ♁	
	-12263 Mar 18 j 06:19	0° ♁			-12261 Dec 01 j 05:27	0° ♁	
	-12263 Apr 12 j 05:28	0° ♁		desc. node	-12261 Dec 05 j 02:59	4° ♁ 44'12	
	-12263 May 07 j 14:25	0° ♁		morning set	-12261 Dec 24 j 00:30	27° ♁ 43'24	
	-12263 Jun 02 j 18:44	0° ♁			-12261 Dec 25 j 21:20	0° ♁	
desc. node	-12263 Jun 19 j 08:45	18° ♁ 01'52			-12260 Jan 19 j 10:15	0° ♁	
evening max el	-12263 Jun 25 j 21:13	24° ♁ 46'43	47°55'06	max. Earth dist.	-12260 Jan 25 j 16:06	7° ♁ 40'00	1.73665 AU
	-12263 Jul 01 j 02:42	0° ♁					
greatest brilliancy	-12263 Aug 06 j 15:14	27° ♁ 02'47	-4.9m	superior conj	-12260 Jan 29 j 12:38	12° ♁ 24'26	-1°20'20
retrograde	-12263 Aug 16 j 03:09	28° ♁ 47'55		minimum elong	-12260 Jan 29 j 12:15	12° ♁ 23'16	1°20'50
evening set	-12263 Sep 01 j 21:00	23° ♁ 11'11			-12260 Feb 12 j 19:16	0° ♁	
inferior conj	-12263 Sep 05 j 23:39	20° ♁ 36'12	-6°53'00	evening rise	-12260 Mar 04 j 10:40	25° ♁ 31'39	
minimum elong	-12263 Sep 06 j 09:01	20° ♁ 21'15	6°50'30		-12260 Mar 08 j 01:19	0° ♁	
min. Earth dist.	-12263 Sep 05 j 10:45	20° ♁ 56'49	0.27336 AU	asc. node	-12260 Mar 25 j 01:55	21° ♁ 05'58	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12260 Apr 01 j 06:12	0°♊			-12258 Sep 02 j 04:40	0°♋		
	-12260 Apr 25 j 11:33	0°♌		asc. node	-12258 Sep 10 j 05:43	8°♋29'07		
	-12260 May 19 j 18:46	0°♍			-12258 Sep 29 j 14:36	0°♎		
	-12260 Jun 13 j 05:59	0°♐			-12258 Oct 25 j 12:22	0°♑		
	-12260 Jul 08 j 01:19	0°♒			-12258 Nov 19 j 23:24	0°♓		
desc. node	-12260 Jul 16 j 18:35	10°♒22'57			-12258 Dec 15 j 06:17	0°♐		
	-12260 Aug 02 j 13:01	0°♑		desc. node	-12257 Jan 01 j 16:57	20°♐49'09		
	-12260 Aug 29 j 14:03	0°♒			-12257 Jan 09 j 08:46	0°♑		
evening max el	-12260 Sep 04 j 16:03	6°♒17'46	46°51'06		-12257 Feb 03 j 04:43	0°♒		
	-12260 Oct 01 j 08:53	0°♐			-12257 Feb 27 j 17:04	0°♑		
greatest brilliancy	-12260 Oct 14 j 04:15	7°♐15'02	-4.8m	morning set	-12257 Mar 01 j 07:25	1°♑58'08		
retrograde	-12260 Oct 25 j 05:39	9°♐34'46			-12257 Mar 23 j 22:34	0°♑		
asc. node	-12260 Nov 05 j 01:55	7°♐06'15		max. Earth dist.	-12257 Mar 31 j 20:02	9°♑50'09	1.72263 AU	
evening set	-12260 Nov 09 j 03:49	5°♐00'38						
inferior conj	-12260 Nov 15 j 09:08	1°♐08'17	2°20'56	superior conj	-12257 Apr 05 j 07:37	15°♑25'51	-0°38'26	
minimum elong	-12260 Nov 15 j 04:29	1°♐15'49	2°20'02	minimum elong	-12257 Apr 05 j 14:13	15°♑46'27	0°38'51	
min. Earth dist.	-12260 Nov 14 j 21:46	1°♐26'41	0.28853 AU		-12257 Apr 16 j 23:13	0°♊		
	-12260 Nov 17 j 03:30	30°♑♒		asc. node	-12257 Apr 22 j 14:36	7°♊04'06		
morning rise	-12260 Nov 21 j 05:51	27°♒29'27			-12257 May 10 j 21:16	0°♌		
direct	-12260 Dec 06 j 17:37	22°♒44'09		evening rise	-12257 May 11 j 13:55	0°♌52'15		
greatest brilliancy	-12260 Dec 15 j 17:59	24°♒14'24	-4.7m		-12257 Jun 03 j 18:45	0°♍		
	-12260 Dec 27 j 18:50	0°♐			-12257 Jun 27 j 17:42	0°♋		
morning max el	-12259 Jan 24 j 12:55	22°♐25'43	46°01'21		-12257 Jul 21 j 20:20	0°♎		
	-12259 Feb 01 j 08:22	0°♑		desc. node	-12257 Aug 14 j 04:55	28°♎46'03		
desc. node	-12259 Feb 26 j 17:43	26°♑39'30			-12257 Aug 15 j 05:06	0°♑		
	-12259 Mar 01 j 18:33	0°♒			-12257 Sep 08 j 23:16	0°♒		
	-12259 Mar 28 j 02:18	0°♑			-12257 Oct 04 j 09:18	0°♐		
	-12259 Apr 22 j 06:17	0°♑			-12257 Oct 31 j 04:55	0°♑		
	-12259 May 16 j 16:42	0°♊		evening max el	-12257 Nov 15 j 03:14	15°♑19'47	45°10'05	
greatest brilliancy	-12259 Jun 04 j 08:08	23°♊17'00	-3.9m		-12257 Dec 01 j 09:13	0°♒		
	-12259 Jun 09 j 16:20	0°♌		asc. node	-12257 Dec 03 j 12:07	1°♒41'21		
asc. node	-12259 Jun 17 j 15:44	10°♌03'10		greatest brilliancy	-12257 Dec 22 j 11:35	13°♒09'55	-4.7m	
	-12259 Jul 03 j 10:27	0°♍		retrograde	-12256 Jan 02 j 12:24	15°♒22'10		
morning set	-12259 Jul 22 j 12:52	24°♍10'45		evening set	-12256 Jan 19 j 22:29	9°♒39'40		
	-12259 Jul 27 j 03:22	0°♋		inferior conj	-12256 Jan 23 j 23:28	7°♒09'54	8°01'23	
	-12259 Aug 19 j 22:33	0°♎		minimum elong	-12256 Jan 23 j 20:35	7°♒14'27	8°00'50	
				min. Earth dist.	-12256 Jan 24 j 14:18	6°♒46'30	0.29502 AU	
superior conj	-12259 Sep 02 j 20:02	17°♎24'35	1°09'22	morning rise	-12256 Jan 27 j 18:29	4°♒48'05		
minimum elong	-12259 Sep 03 j 07:05	17°♎59'07	1°09'48		-12256 Feb 06 j 15:37	30°♑♒		
max. Earth dist.	-12259 Sep 10 j 07:52	26°♎45'49	1.71732 AU	direct	-12256 Feb 15 j 00:19	28°♑38'14		
	-12259 Sep 12 j 22:12	0°♑			-12256 Feb 23 j 17:31	0°♒		
	-12259 Oct 07 j 02:49	0°♒		greatest brilliancy	-12256 Feb 25 j 09:10	0°♒32'25	-4.7m	
desc. node	-12259 Oct 09 j 02:06	2°♒26'04		desc. node	-12256 Mar 26 j 05:43	20°♒27'02		
evening rise	-12259 Oct 15 j 22:26	10°♒52'53		morning max el	-12256 Apr 04 j 09:42	28°♒58'09	46°18'39	
	-12259 Oct 31 j 11:29	0°♐			-12256 Apr 05 j 11:09	0°♑		
	-12259 Nov 24 j 23:15	0°♑			-12256 May 03 j 19:51	0°♑		
	-12259 Dec 19 j 14:43	0°♒			-12256 May 29 j 15:57	0°♊		
	-12258 Jan 13 j 13:01	0°♑			-12256 Jun 23 j 08:41	0°♌		
asc. node	-12258 Jan 28 j 05:49	17°♑25'38		asc. node	-12256 Jul 15 j 05:44	27°♌10'51		
	-12258 Feb 07 j 23:37	0°♑			-12256 Jul 17 j 11:50	0°♍		
	-12258 Mar 06 j 07:06	0°♊			-12256 Aug 10 j 09:41	0°♋		
	-12258 Apr 03 j 07:06	0°♌			-12256 Sep 03 j 07:51	0°♎		
evening max el	-12258 Apr 11 j 11:04	8°♌07'39	46°35'38		-12256 Sep 27 j 09:46	0°♑		
	-12258 May 07 j 02:52	0°♍		morning set	-12256 Oct 08 j 16:09	13°♑57'08		
greatest brilliancy	-12258 May 21 j 19:47	7°♍49'23	-4.9m		-12256 Oct 21 j 16:24	0°♒		
desc. node	-12258 May 22 j 01:15	7°♍54'00		desc. node	-12256 Nov 05 j 15:20	18°♒23'11		
retrograde	-12258 May 31 j 13:06	9°♍33'11			-12256 Nov 15 j 02:30	0°♐		
evening set	-12258 Jun 16 j 01:39	4°♍56'26						
min. Earth dist.	-12258 Jun 20 j 13:59	2°♍19'34	0.26357 AU	superior conj	-12256 Nov 18 j 15:35	4°♐20'45	-0°28'35	
inferior conj	-12258 Jun 21 j 05:59	1°♍55'38	-6°38'32	minimum elong	-12256 Nov 18 j 09:27	4°♐01'58	0°27'59	
minimum elong	-12258 Jun 20 j 19:49	2°♍10'50	6°36'30	max. Earth dist.	-12256 Nov 19 j 18:47	5°♐44'07	1.73518 AU	
	-12258 Jun 24 j 12:28	30°♑♌			-12256 Dec 09 j 13:51	0°♑		
morning rise	-12258 Jun 25 j 14:09	29°♌23'42		evening rise	-12256 Dec 26 j 08:37	20°♑34'36		
direct	-12258 Jul 11 j 13:04	24°♌30'05			-12255 Jan 03 j 00:57	0°♒		
greatest brilliancy	-12258 Jul 21 j 18:58	26°♌29'50	-4.9m	greatest brilliancy	-12255 Jan 17 j 16:15	17°♒57'19	-3.9m	
	-12258 Jul 29 j 02:17	0°♍			-12255 Jan 27 j 12:07	0°♑		
morning max el	-12258 Aug 31 j 00:28	27°♍46'04	46°31'51		-12255 Feb 21 j 01:16	0°♑		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-12255 Feb 24 j 16:31	4° ♁ 25'36			-12253 Nov 06 j 00:52	0° ♁	
	-12255 Mar 17 j 18:45	0° \approx			-12253 Nov 30 j 16:51	0° ♁	
	-12255 Apr 11 j 18:50	0° ♁		desc. node	-12253 Dec 04 j 05:05	4° ♁ 16'01	
	-12255 May 07 j 05:18	0° ♁		morning set	-12253 Dec 21 j 16:59	25° ♁ 33'16	
	-12255 Jun 02 j 12:31	0° ♁			-12253 Dec 25 j 08:31	0° ♁	
desc. node	-12255 Jun 18 j 10:59	17° ♁ 12'09			-12252 Jan 18 j 21:19	0° ♁	
evening max el	-12255 Jun 23 j 10:57	22° ♁ 21'00	47°54'45	max. Earth dist.	-12252 Jan 23 j 14:56	5° ♁ 48'44	1.73691 AU
	-12255 Jul 01 j 04:39	0° ♁					
greatest brilliancy	-12255 Aug 04 j 06:42	24° ♁ 38'26	-4.9m	superior conj	-12252 Jan 27 j 07:57	10° ♁ 22'15	-1°20'14
retrograde	-12255 Aug 13 j 17:20	26° ♁ 22'50		minimum elong	-12252 Jan 27 j 07:00	10° ♁ 19'22	1°20'42
evening set	-12255 Aug 30 j 14:14	20° ♁ 42'02			-12252 Feb 12 j 06:18	0° ♁	
min. Earth dist.	-12255 Sep 03 j 01:01	18° ♁ 32'38	0.27297 AU	evening rise	-12252 Mar 02 j 06:24	23° ♁ 29'43	
inferior conj	-12255 Sep 03 j 14:02	18° ♁ 11'54	-7°06'24		-12252 Mar 07 j 12:29	0° ♁	
minimum elong	-12255 Sep 03 j 23:12	17° ♁ 57'18	7°04'03	asc. node	-12252 Mar 24 j 04:14	20° ♁ 38'00	
morning rise	-12255 Sep 08 j 08:31	15° ♁ 14'57			-12252 Mar 31 j 17:38	0° \approx	
direct	-12255 Sep 23 j 21:48	10° ♁ 20'10			-12252 Apr 24 j 23:22	0° ♁	
greatest brilliancy	-12255 Oct 03 j 08:04	12° ♁ 02'21	-4.8m		-12252 May 19 j 07:04	0° ♁	
asc. node	-12255 Oct 07 j 17:21	13° ♁ 50'51			-12252 Jun 12 j 18:54	0° ♁	
	-12255 Oct 30 j 13:54	0° ♁			-12252 Jul 07 j 15:09	0° ♁	
morning max el	-12255 Nov 12 j 08:39	11° ♁ 53'33	46°08'47	desc. node	-12252 Jul 15 j 20:47	9° ♁ 47'12	
	-12255 Nov 30 j 01:18	0° ♁			-12252 Aug 02 j 04:35	0° ♁	
	-12255 Dec 27 j 11:11	0° ♁			-12252 Aug 29 j 10:00	0° ♁	
	-12254 Jan 22 j 18:15	0° ♁		evening max el	-12252 Sep 02 j 08:54	4° ♁ 04'14	46°54'54
desc. node	-12254 Jan 29 j 06:44	7° ♁ 34'37			-12252 Oct 02 j 07:45	0° ♁	
	-12254 Feb 17 j 07:47	0° ♁		greatest brilliancy	-12252 Oct 11 j 22:45	5° ♁ 05'31	-4.8m
	-12254 Mar 14 j 06:34	0° ♁		retrograde	-12252 Oct 22 j 23:24	7° ♁ 24'12	
	-12254 Apr 07 j 17:07	0° ♁		asc. node	-12252 Nov 04 j 04:14	4° ♁ 17'24	
	-12254 May 01 j 18:37	0° \approx		evening set	-12252 Nov 06 j 20:55	2° ♁ 50'49	
morning set	-12254 May 07 j 08:01	6° \approx 58'35			-12252 Nov 11 j 11:56	30° ♁	
asc. node	-12254 May 20 j 03:59	23° \approx 08'08		min. Earth dist.	-12252 Nov 12 j 14:31	29° ♁ 17'01	0.28801 AU
	-12254 May 25 j 14:30	0° ♁		inferior conj	-12252 Nov 13 j 02:23	28° ♁ 57'47	2°02'49
				minimum elong	-12252 Nov 12 j 22:17	29° ♁ 04'26	2°02'04
superior conj	-12254 Jun 14 j 08:41	24° ♁ 58'34	0°53'58	morning rise	-12252 Nov 19 j 00:27	25° ♁ 16'59	
minimum elong	-12254 Jun 13 j 22:48	24° ♁ 27'18	0°53'32	direct	-12252 Dec 04 j 10:38	20° ♁ 34'45	
max. Earth dist.	-12254 Jun 14 j 17:41	25° ♁ 27'02	1.70777 AU	greatest brilliancy	-12252 Dec 13 j 09:41	22° ♁ 04'15	-4.7m
	-12254 Jun 18 j 07:59	0° ♁			-12252 Dec 28 j 18:58	0° ♁	
	-12254 Jul 12 j 01:52	0° ♁		morning max el	-12251 Jan 22 j 05:15	20° ♁ 17'24	46°00'56
evening rise	-12254 Jul 25 j 04:04	16° ♁ 29'08			-12251 Feb 01 j 04:07	0° ♁	
	-12254 Aug 04 j 22:34	0° ♁		desc. node	-12251 Feb 25 j 19:53	26° ♁ 03'18	
	-12254 Aug 28 j 23:51	0° ♁			-12251 Mar 01 j 09:34	0° ♁	
desc. node	-12254 Sep 10 j 16:08	15° ♁ 41'54			-12251 Mar 27 j 15:27	0° ♁	
	-12254 Sep 22 j 06:39	0° ♁			-12251 Apr 21 j 18:32	0° ♁	
	-12254 Oct 16 j 19:43	0° ♁			-12251 May 16 j 04:30	0° \approx	
	-12254 Nov 10 j 17:19	0° ♁		greatest brilliancy	-12251 Jun 06 j 07:25	26° \approx 24'33	-3.9m
	-12254 Dec 06 j 06:05	0° ♁			-12251 Jun 09 j 03:54	0° ♁	
asc. node	-12254 Dec 30 j 21:55	27° ♁ 39'08		asc. node	-12251 Jun 16 j 17:50	9° ♁ 33'29	
	-12253 Jan 02 j 02:10	0° ♁			-12251 Jul 02 j 21:53	0° ♁	
evening max el	-12253 Jan 25 j 11:51	23° ♁ 47'20	44°58'21	morning set	-12251 Jul 19 j 22:43	21° ♁ 34'04	
	-12253 Feb 01 j 06:36	0° ♁			-12251 Jul 26 j 14:44	0° ♁	
greatest brilliancy	-12253 Mar 04 j 17:46	20° ♁ 50'06	-4.7m		-12251 Aug 19 j 09:53	0° ♁	
retrograde	-12253 Mar 14 j 16:59	22° ♁ 34'39					
evening set	-12253 Mar 30 j 05:31	18° ♁ 06'57		superior conj	-12251 Aug 31 j 04:23	14° ♁ 45'17	1°11'28
inferior conj	-12253 Apr 04 j 18:46	14° ♁ 55'58	4°15'54	minimum elong	-12251 Aug 31 j 14:57	15° ♁ 18'20	1°11'56
minimum elong	-12253 Apr 05 j 03:07	14° ♁ 43'32	4°13'05	max. Earth dist.	-12251 Sep 07 j 20:49	24° ♁ 21'20	1.71657 AU
min. Earth dist.	-12253 Apr 06 j 00:02	14° ♁ 12'26	0.27659 AU		-12251 Sep 12 j 09:28	0° ♁	
morning rise	-12253 Apr 10 j 23:45	11° ♁ 22'08			-12251 Oct 06 j 14:02	0° ♁	
desc. node	-12253 Apr 23 j 17:05	7° ♁ 07'10		desc. node	-12251 Oct 08 j 04:26	1° ♁ 58'35	
direct	-12253 Apr 26 j 04:58	6° ♁ 59'49		evening rise	-12251 Oct 13 j 09:24	8° ♁ 24'13	
greatest brilliancy	-12253 May 08 j 01:14	9° ♁ 32'08	-4.8m		-12251 Oct 30 j 22:41	0° ♁	
	-12253 Jun 05 j 20:57	0° \approx			-12251 Nov 24 j 10:33	0° ♁	
morning max el	-12253 Jun 15 j 16:06	9° \approx 30'02	46°39'12		-12251 Dec 19 j 02:21	0° ♁	
	-12253 Jul 04 j 20:23	0° ♁			-12250 Jan 13 j 01:19	0° ♁	
	-12253 Jul 30 j 17:44	0° ♁		asc. node	-12250 Jan 27 j 08:00	16° ♁ 54'07	
asc. node	-12253 Aug 12 j 19:18	15° ♁ 42'02			-12250 Feb 07 j 13:10	0° ♁	
	-12253 Aug 24 j 13:27	0° ♁			-12250 Mar 05 j 23:06	0° \approx	
	-12253 Sep 18 j 00:32	0° ♁			-12250 Apr 03 j 04:56	0° ♁	
	-12253 Oct 12 j 11:16	0° ♁		evening max el	-12250 Apr 08 j 23:33	5° ♁ 42'04	46°31'29

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12250 May 08 j 10:25	0°♿		morning set	-12248 Oct 06 j 02:55	11°♄27'21	
greatest brilliancy	-12250 May 19 j 07:28	5°♿18'34	-4.9m		-12248 Oct 21 j 03:30	0°♄	
desc. node	-12250 May 21 j 03:24	5°♿52'51		desc. node	-12248 Nov 04 j 17:24	17°♄55'40	
retrograde	-12250 May 28 j 23:56	7°♿01'31			-12248 Nov 14 j 13:28	0°♄	
evening set	-12250 Jun 13 j 09:30	2°♿30'42					
	-12250 Jun 17 j 18:13	30°♄		superior conj	-12248 Nov 16 j 05:47	2°♄03'37	-0°25'26
min. Earth dist.	-12250 Jun 18 j 02:53	29°♄47'03	0.26350 AU	minimum elong	-12248 Nov 16 j 00:13	1°♄46'32	0°24'48
inferior conj	-12250 Jun 18 j 17:29	29°♄25'14	-6°22'12	max. Earth dist.	-12248 Nov 17 j 12:36	3°♄38'05	1.73475 AU
minimum elong	-12250 Jun 18 j 07:14	29°♄40'34	6°20'02		-12248 Dec 09 j 00:44	0°♄	
morning rise	-12250 Jun 23 j 05:02	26°♄48'31		evening rise	-12248 Dec 24 j 03:03	18°♄30'40	
direct	-12250 Jul 09 j 00:34	21°♄59'44			-12247 Jan 02 j 11:50	0°♄	
greatest brilliancy	-12250 Jul 19 j 08:55	24°♄01'00	-4.9m	greatest brilliancy	-12247 Jan 17 j 16:57	18°♄39'27	-3.9m
	-12250 Jul 30 j 15:27	0°♿			-12247 Jan 26 j 23:10	0°♄	
morning max el	-12250 Aug 28 j 11:34	25°♿12'52	46°32'40		-12247 Feb 20 j 12:42	0°♄	
	-12250 Sep 02 j 02:37	0°♄		asc. node	-12247 Feb 23 j 18:55	3°♄57'50	
asc. node	-12250 Sep 09 j 08:03	7°♄42'16			-12247 Mar 17 j 06:51	0°♄	
	-12250 Sep 29 j 06:50	0°♄			-12247 Apr 11 j 07:59	0°♄	
	-12250 Oct 25 j 02:18	0°♄			-12247 May 06 j 20:06	0°♿	
	-12250 Nov 19 j 12:04	0°♄			-12247 Jun 02 j 06:27	0°♄	
desc. node	-12250 Dec 14 j 18:10	0°♄		desc. node	-12247 Jun 17 j 13:13	16°♄22'12	
	-12250 Dec 31 j 19:03	20°♄21'01		evening max el	-12247 Jun 21 j 01:28	19°♄57'58	47°54'19
	-12249 Jan 08 j 20:07	0°♄			-12247 Jul 01 j 07:47	0°♄	
	-12249 Feb 02 j 15:47	0°♄		greatest brilliancy	-12247 Aug 01 j 21:29	22°♄13'44	-4.9m
morning set	-12249 Feb 27 j 02:59	29°♄56'56		retrograde	-12247 Aug 11 j 07:57	23°♄58'09	
	-12249 Feb 27 j 03:59	0°♄		evening set	-12247 Aug 28 j 07:20	18°♄13'11	
	-12249 Mar 23 j 09:28	0°♄		min. Earth dist.	-12247 Aug 31 j 14:45	16°♄09'20	0.27254 AU
max. Earth dist.	-12249 Mar 29 j 14:06	7°♄42'49	1.72328 AU	inferior conj	-12247 Sep 01 j 04:15	15°♄47'55	-7°19'13
				minimum elong	-12247 Sep 01 j 13:11	15°♄33'44	7°17'00
superior conj	-12249 Apr 03 j 02:34	13°♄21'06	-0°41'02	morning rise	-12247 Sep 05 j 19:23	12°♄56'30	
minimum elong	-12249 Apr 03 j 09:26	13°♄42'32	0°41'29	direct	-12247 Sep 21 j 11:28	7°♄57'10	
	-12249 Apr 16 j 10:12	0°♄		greatest brilliancy	-12247 Sep 30 j 22:06	9°♄40'06	-4.8m
asc. node	-12249 Apr 21 j 16:52	6°♄36'41		asc. node	-12247 Oct 06 j 19:41	12°♄13'57	
evening rise	-12249 May 09 j 06:23	28°♄38'26			-12247 Oct 30 j 19:05	0°♄	
	-12249 May 10 j 08:23	0°♄		morning max el	-12247 Nov 10 j 00:13	9°♄38'08	46°09'32
	-12249 Jun 03 j 06:05	0°♿			-12247 Nov 29 j 19:01	0°♄	
	-12249 Jun 27 j 05:18	0°♄			-12247 Dec 27 j 01:28	0°♄	
	-12249 Jul 21 j 08:14	0°♄			-12246 Jan 22 j 06:55	0°♄	
desc. node	-12249 Aug 13 j 07:09	28°♄15'21		desc. node	-12246 Jan 28 j 08:54	7°♄04'50	
	-12249 Aug 14 j 17:24	0°♄			-12246 Feb 16 j 19:34	0°♄	
	-12249 Sep 08 j 12:13	0°♄			-12246 Mar 13 j 17:51	0°♄	
	-12249 Oct 03 j 23:35	0°♄			-12246 Apr 07 j 04:08	0°♄	
	-12249 Oct 30 j 22:32	0°♄			-12246 May 01 j 05:34	0°♄	
evening max el	-12249 Nov 12 j 18:08	13°♄06'14	45°12'39	morning set	-12246 May 05 j 01:07	4°♄47'12	
	-12249 Dec 01 j 18:08	0°♄		asc. node	-12246 May 19 j 06:06	22°♄40'10	
asc. node	-12249 Dec 02 j 14:22	0°♄38'53			-12246 May 25 j 01:31	0°♄	
greatest brilliancy	-12249 Dec 20 j 03:44	11°♄03'43	-4.7m				
retrograde	-12249 Dec 31 j 05:46	13°♄17'45		superior conj	-12246 Jun 11 j 21:47	22°♄33'08	0°51'11
evening set	-12248 Jan 17 j 14:09	7°♄36'37		minimum elong	-12246 Jun 11 j 12:12	22°♄02'50	0°50'42
inferior conj	-12248 Jan 21 j 16:49	5°♄04'20	7°58'09	max. Earth dist.	-12246 Jun 12 j 01:08	22°♄43'46	1.70803 AU
minimum elong	-12248 Jan 21 j 13:18	5°♄09'52	7°57'34		-12246 Jun 17 j 19:06	0°♿	
min. Earth dist.	-12248 Jan 22 j 06:30	4°♄42'45	0.29526 AU		-12246 Jul 11 j 13:05	0°♄	
morning rise	-12248 Jan 25 j 12:16	2°♄41'50		evening rise	-12246 Jul 22 j 12:26	13°♄49'08	
	-12248 Jan 30 j 07:58	30°♄			-12246 Aug 04 j 09:52	0°♄	
direct	-12248 Feb 12 j 17:04	26°♄32'00			-12246 Aug 28 j 11:15	0°♄	
greatest brilliancy	-12248 Feb 23 j 01:15	28°♄25'31	-4.7m	desc. node	-12246 Sep 09 j 18:28	15°♄13'40	
	-12248 Feb 26 j 22:41	0°♄			-12246 Sep 21 j 18:13	0°♄	
desc. node	-12248 Mar 25 j 08:05	19°♄33'54			-12246 Oct 16 j 07:35	0°♄	
morning max el	-12248 Apr 02 j 02:01	26°♄48'04	46°17'46		-12246 Nov 10 j 05:46	0°♄	
	-12248 Apr 05 j 08:29	0°♄			-12246 Dec 05 j 19:48	0°♄	
	-12248 May 03 j 11:26	0°♄		asc. node	-12246 Dec 30 j 00:13	27°♄01'12	
	-12248 May 29 j 05:28	0°♄			-12245 Jan 01 j 18:57	0°♄	
	-12248 Jun 22 j 21:13	0°♄		evening max el	-12245 Jan 23 j 03:23	21°♄36'06	44°56'53
asc. node	-12248 Jul 14 j 07:53	26°♄39'56			-12245 Feb 01 j 10:12	0°♄	
	-12248 Jul 16 j 23:50	0°♿		greatest brilliancy	-12245 Mar 02 j 06:50	18°♄34'43	-4.7m
	-12248 Aug 09 j 21:21	0°♄		retrograde	-12245 Mar 12 j 06:42	20°♄19'20	
	-12248 Sep 02 j 19:19	0°♄		evening set	-12245 Mar 27 j 21:56	15°♄48'11	
	-12248 Sep 26 j 21:02	0°♄		inferior conj	-12245 Apr 02 j 08:45	12°♄39'48	4°33'24

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

minimum elong	-12245 Apr 02 j 17:26	12° Z 26'50	4°30'35	max. Earth dist.	-12243 Sep 05 j 07:06	21° II 48'32	1.71590 AU
min. Earth dist.	-12245 Apr 03 j 14:27	11° Z 55'29	0.27739 AU		-12243 Sep 11 j 20:44	0° G	
morning rise	-12245 Apr 08 j 12:02	9° Z 07'39			-12243 Oct 06 j 01:17	0° Ω	
desc. node	-12245 Apr 22 j 19:11	4° Z 43'33		desc. node	-12243 Oct 07 j 06:30	1° Ω 30'15	
direct	-12245 Apr 23 j 20:22	4° Z 42'15		evening rise	-12243 Oct 10 j 19:36	5° Ω 52'52	
greatest brilliancy	-12245 May 05 j 15:12	7° Z 12'56	-4.8m		-12243 Oct 30 j 09:57	0° M	
	-12245 Jun 05 j 23:35	0° \approx			-12243 Nov 23 j 21:56	0° $\underline{\Omega}$	
morning max el	-12245 Jun 13 j 06:39	7° \approx 08'53	46°38'37		-12243 Dec 18 j 14:03	0° M	
	-12245 Jul 04 j 13:46	0° X			-12242 Jan 12 j 13:42	0° X	
	-12245 Jul 30 j 08:15	0° Y		asc. node	-12242 Jan 26 j 10:25	16° X 23'07	
asc. node	-12245 Aug 11 j 21:36	15° Y 07'31			-12242 Feb 07 j 02:51	0° Z	
	-12245 Aug 24 j 02:37	0° B			-12242 Mar 05 j 15:21	0° \approx	
	-12245 Sep 17 j 12:56	0° II			-12242 Apr 03 j 03:32	0° X	
	-12245 Oct 11 j 23:07	0° G		evening max el	-12242 Apr 06 j 11:36	3° X 15'49	46°27'28
	-12245 Nov 05 j 12:21	0° Ω			-12242 May 10 j 07:27	0° Y	
	-12245 Nov 30 j 04:01	0° M		greatest brilliancy	-12242 May 16 j 19:25	2° Y 48'48	-4.9m
desc. node	-12245 Dec 03 j 07:10	3° M 48'31		desc. node	-12242 May 20 j 05:41	3° Y 47'32	
morning set	-12245 Dec 19 j 09:24	23° M 23'39		retrograde	-12242 May 26 j 10:58	4° Y 31'11	
	-12245 Dec 24 j 19:28	0° $\underline{\Omega}$		evening set	-12242 Jun 10 j 17:41	0° Y 05'33	
	-12244 Jan 18 j 08:08	0° M			-12242 Jun 10 j 21:49	30° R X	
max. Earth dist.	-12244 Jan 21 j 12:43	3° M 55'02	1.73711 AU	min. Earth dist.	-12242 Jun 15 j 16:07	27° X 15'31	0.26346 AU
				inferior conj	-12242 Jun 16 j 05:12	26° X 56'00	-6°05'04
superior conj	-12244 Jan 25 j 03:25	8° M 21'20	-1°20'02	minimum elong	-12242 Jun 15 j 18:56	27° X 11'19	6°02'50
minimum elong	-12244 Jan 25 j 01:54	8° M 16'40	1°20'28	morning rise	-12242 Jun 20 j 20:09	24° X 14'42	
	-12244 Feb 11 j 17:07	0° X		direct	-12242 Jul 06 j 12:04	19° X 30'18	
evening rise	-12244 Feb 29 j 02:30	21° X 29'36		greatest brilliancy	-12242 Jul 16 j 23:18	21° X 33'42	-4.9m
	-12244 Mar 06 j 23:25	0° Z			-12242 Jul 31 j 17:22	0° Y	
asc. node	-12244 Mar 23 j 06:34	20° Z 10'54		morning max el	-12242 Aug 25 j 23:17	22° Y 41'32	46°33'23
	-12244 Mar 31 j 04:49	0° \approx			-12242 Sep 01 j 23:39	0° B	
	-12244 Apr 24 j 10:55	0° X		asc. node	-12242 Sep 08 j 10:20	6° B 56'18	
	-12244 May 18 j 19:06	0° Y			-12242 Sep 28 j 22:48	0° II	
	-12244 Jun 12 j 07:36	0° B			-12242 Oct 24 j 16:11	0° G	
	-12244 Jul 07 j 04:54	0° II			-12242 Nov 19 j 00:49	0° Ω	
desc. node	-12244 Jul 14 j 23:04	9° II 11'56			-12242 Dec 14 j 06:11	0° M	
	-12244 Aug 01 j 20:17	0° G		desc. node	-12242 Dec 30 j 21:16	19° M 52'40	
	-12244 Aug 29 j 06:36	0° Ω			-12241 Jan 08 j 07:38	0° $\underline{\Omega}$	
evening max el	-12244 Aug 31 j 01:07	1° Ω 48'44	46°58'27		-12241 Feb 02 j 02:59	0° M	
	-12244 Oct 03 j 16:10	0° M		morning set	-12241 Feb 24 j 22:17	27° M 54'35	
greatest brilliancy	-12244 Oct 09 j 17:46	2° M 55'52	-4.8m		-12241 Feb 26 j 15:01	0° X	
retrograde	-12244 Oct 20 j 16:36	5° M 12'39			-12241 Mar 22 j 20:29	0° Z	
asc. node	-12244 Nov 03 j 06:25	1° M 23'45		max. Earth dist.	-12241 Mar 27 j 09:46	5° Z 40'11	1.72391 AU
evening set	-12244 Nov 04 j 13:57	0° M 40'00					
	-12244 Nov 05 j 17:16	30° R Ω		superior conj	-12241 Mar 31 j 21:29	11° Z 15'57	-0°43'36
inferior conj	-12244 Nov 10 j 19:25	26° Ω 46'36	1°44'16	minimum elong	-12241 Apr 01 j 04:36	11° Z 38'08	0°44'02
minimum elong	-12244 Nov 10 j 15:55	26° Ω 52'18	1°43'41		-12241 Apr 15 j 21:17	0° \approx	
min. Earth dist.	-12244 Nov 10 j 07:26	27° Ω 06'04	0.28745 AU	asc. node	-12241 Apr 20 j 18:58	6° \approx 08'24	
morning rise	-12244 Nov 16 j 18:41	23° Ω 03'49		evening rise	-12241 May 06 j 23:08	26° \approx 25'10	
direct	-12244 Dec 02 j 02:54	18° Ω 24'41			-12241 May 09 j 19:39	0° X	
greatest brilliancy	-12244 Dec 11 j 01:35	19° Ω 53'45	-4.7m		-12241 Jun 02 j 17:33	0° Y	
	-12244 Dec 29 j 12:52	0° M			-12241 Jun 26 j 17:01	0° B	
morning max el	-12243 Jan 19 j 20:37	18° M 06'53	46°00'42		-12241 Jul 20 j 20:14	0° II	
	-12243 Jan 31 j 23:12	0° $\underline{\Omega}$		desc. node	-12241 Aug 12 j 09:32	27° II 44'50	
desc. node	-12243 Feb 24 j 22:09	25° $\underline{\Omega}$ 28'04			-12241 Aug 14 j 05:48	0° G	
	-12243 Mar 01 j 00:14	0° M			-12241 Sep 08 j 01:20	0° Ω	
	-12243 Mar 27 j 04:21	0° X			-12241 Oct 03 j 14:09	0° M	
	-12243 Apr 21 j 06:35	0° Z			-12241 Oct 30 j 16:51	0° $\underline{\Omega}$	
	-12243 May 15 j 16:06	0° \approx		evening max el	-12241 Nov 10 j 09:49	10° $\underline{\Omega}$ 53'39	45°15'08
greatest brilliancy	-12243 Jun 07 j 13:56	28° \approx 40'15	-3.9m	asc. node	-12241 Dec 01 j 16:44	29° $\underline{\Omega}$ 33'48	
	-12243 Jun 08 j 15:16	0° X			-12241 Dec 02 j 06:57	0° M	
asc. node	-12243 Jun 15 j 20:03	9° X 04'45		greatest brilliancy	-12241 Dec 17 j 19:21	8° M 55'26	-4.7m
	-12243 Jul 02 j 09:09	0° Y		retrograde	-12241 Dec 28 j 23:22	11° M 11'34	
morning set	-12243 Jul 17 j 09:01	18° Y 59'11		evening set	-12240 Jan 15 j 05:25	5° M 32'05	
	-12243 Jul 26 j 01:58	0° B		inferior conj	-12240 Jan 19 j 09:56	2° M 56'58	7°54'14
	-12243 Aug 18 j 21:07	0° II		minimum elong	-12240 Jan 19 j 05:50	3° M 03'27	7°53'36
				min. Earth dist.	-12240 Jan 19 j 22:14	2° M 37'34	0.29546 AU
superior conj	-12243 Aug 28 j 12:42	12° II 05'59	1°13'25	morning rise	-12240 Jan 23 j 06:05	0° M 33'27	
minimum elong	-12243 Aug 28 j 22:39	12° II 37'09	1°13'54		-12240 Jan 24 j 04:26	30° R $\underline{\Omega}$	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

direct	-12240 Feb 10 j 10:00	24° Ω 24'07			-12238 Aug 27 j 22:58	0° Θ	
greatest brilliancy	-12240 Feb 20 j 16:37	26° Ω 16'37	-4.7m	desc. node	-12238 Sep 08 j 20:34	14° Θ 43'47	
	-12240 Feb 28 j 20:14	0° \mathbb{M}			-12238 Sep 21 j 06:05	0° Ω	
desc. node	-12240 Mar 24 j 10:11	18° \mathbb{M} 40'15			-12238 Oct 15 j 19:44	0° \mathbb{M}	
morning max el	-12240 Mar 30 j 18:59	24° \mathbb{M} 38'50	46°16'58		-12238 Nov 09 j 18:32	0° Ω	
	-12240 Apr 05 j 05:27	0° \mathbb{A}			-12238 Dec 05 j 09:55	0° \mathbb{M}	
	-12240 May 03 j 03:02	0° \mathbb{Z}		asc. node	-12238 Dec 29 j 02:35	26° \mathbb{M} 22'10	
	-12240 May 28 j 19:05	0° \approx			-12237 Jan 01 j 12:24	0° \mathbb{A}	
	-12240 Jun 22 j 09:53	0° \mathbb{H}		evening max el	-12237 Jan 20 j 18:18	19° \mathbb{A} 22'22	44°55'15
asc. node	-12240 Jul 13 j 10:06	26° \mathbb{H} 08'39			-12237 Feb 01 j 16:14	0° \mathbb{Z}	
	-12240 Jul 16 j 11:59	0° \mathbb{Y}		greatest brilliancy	-12237 Feb 27 j 20:17	16° \mathbb{Z} 18'24	-4.7m
	-12240 Aug 09 j 09:12	0° \mathbb{B}		retrograde	-12237 Mar 09 j 19:36	18° \mathbb{Z} 02'34	
	-12240 Sep 02 j 06:55	0° \mathbb{I}		evening set	-12237 Mar 25 j 14:17	13° \mathbb{Z} 27'51	
	-12240 Sep 26 j 08:28	0° Θ		inferior conj	-12237 Mar 30 j 22:39	10° \mathbb{Z} 22'17	4°50'31
morning set	-12240 Oct 03 j 13:55	8° Θ 57'39		minimum elong	-12237 Mar 31 j 07:35	10° \mathbb{Z} 08'53	4°47'42
	-12240 Oct 20 j 14:46	0° Ω		min. Earth dist.	-12237 Apr 01 j 05:06	9° \mathbb{Z} 36'40	0.27820 AU
desc. node	-12240 Nov 03 j 19:32	17° Ω 27'47		morning rise	-12237 Apr 05 j 23:59	6° \mathbb{Z} 51'55	
				direct	-12237 Apr 21 j 11:16	2° \mathbb{Z} 23'11	
superior conj	-12240 Nov 13 j 19:53	29° Ω 45'25	-0°22'12	desc. node	-12237 Apr 21 j 21:25	2° \mathbb{Z} 23'24	
minimum elong	-12240 Nov 13 j 14:56	29° Ω 30'13	0°21'36	greatest brilliancy	-12237 May 03 j 05:35	4° \mathbb{Z} 52'44	-4.8m
	-12240 Nov 14 j 00:38	0° \mathbb{M}			-12237 Jun 06 j 01:23	0° \approx	
max. Earth dist.	-12240 Nov 15 j 07:27	1° \mathbb{M} 34'29	1.73439 AU	morning max el	-12237 Jun 10 j 20:11	4° \approx 43'58	46°38'10
	-12240 Dec 08 j 11:52	0° Ω			-12237 Jul 04 j 07:11	0° \mathbb{H}	
evening rise	-12240 Dec 21 j 21:18	16° Ω 25'19			-12237 Jul 29 j 22:55	0° \mathbb{Y}	
	-12239 Jan 01 j 23:02	0° \mathbb{M}		asc. node	-12237 Aug 10 j 23:49	14° \mathbb{Y} 32'02	
greatest brilliancy	-12239 Jan 18 j 05:05	19° \mathbb{M} 55'29	-3.9m		-12237 Aug 23 j 15:58	0° \mathbb{B}	
	-12239 Jan 26 j 10:34	0° \mathbb{A}			-12237 Sep 17 j 01:31	0° \mathbb{I}	
	-12239 Feb 20 j 00:31	0° \mathbb{Z}			-12237 Oct 11 j 11:13	0° Θ	
asc. node	-12239 Feb 22 j 21:12	3° \mathbb{Z} 28'43			-12237 Nov 05 j 00:04	0° Ω	
	-12239 Mar 16 j 19:20	0° \approx			-12237 Nov 29 j 15:26	0° \mathbb{M}	
	-12239 Apr 10 j 21:32	0° \mathbb{H}		desc. node	-12237 Dec 02 j 09:24	3° \mathbb{M} 20'41	
	-12239 May 06 j 11:22	0° \mathbb{Y}		morning set	-12237 Dec 17 j 01:54	21° \mathbb{M} 13'30	
	-12239 Jun 02 j 01:06	0° \mathbb{B}			-12237 Dec 24 j 06:39	0° Ω	
desc. node	-12239 Jun 16 j 15:35	15° \mathbb{B} 30'49			-12236 Jan 17 j 19:11	0° \mathbb{M}	
evening max el	-12239 Jun 18 j 16:55	17° \mathbb{B} 36'30	47°53'43	max. Earth dist.	-12236 Jan 19 j 09:49	1° \mathbb{M} 58'32	1.73732 AU
	-12239 Jul 01 j 12:57	0° \mathbb{I}					
greatest brilliancy	-12239 Jul 30 j 11:48	19° \mathbb{I} 47'33	-4.9m	superior conj	-12236 Jan 22 j 22:59	6° \mathbb{M} 20'00	-1°19'43
retrograde	-12239 Aug 08 j 22:52	21° \mathbb{I} 32'14		minimum elong	-12236 Jan 22 j 20:54	6° \mathbb{M} 13'35	1°20'08
evening set	-12239 Aug 26 j 00:18	15° \mathbb{I} 43'18			-12236 Feb 11 j 04:11	0° \mathbb{A}	
min. Earth dist.	-12239 Aug 29 j 04:07	13° \mathbb{I} 45'12	0.27209 AU	evening rise	-12236 Feb 26 j 22:36	19° \mathbb{A} 28'47	
inferior conj	-12239 Aug 29 j 18:21	13° \mathbb{I} 22'42	-7°31'18		-12236 Mar 06 j 10:39	0° \mathbb{Z}	
minimum elong	-12239 Aug 30 j 03:00	13° \mathbb{I} 09'00	7°29'14	asc. node	-12236 Mar 22 j 08:41	19° \mathbb{Z} 42'11	
morning rise	-12239 Sep 03 j 06:02	10° \mathbb{I} 36'57			-12236 Mar 30 j 16:20	0° \approx	
direct	-12239 Sep 19 j 01:29	5° \mathbb{I} 33'14			-12236 Apr 23 j 22:50	0° \mathbb{H}	
greatest brilliancy	-12239 Sep 28 j 11:28	7° \mathbb{I} 16'09	-4.9m		-12236 May 18 j 07:31	0° \mathbb{Y}	
asc. node	-12239 Oct 05 j 21:47	10° \mathbb{I} 39'27			-12236 Jun 11 j 20:42	0° \mathbb{B}	
	-12239 Oct 30 j 22:44	0° Θ			-12236 Jul 06 j 19:05	0° \mathbb{I}	
morning max el	-12239 Nov 07 j 15:52	7° Θ 22'11	46°10'16	desc. node	-12236 Jul 14 j 01:22	8° \mathbb{I} 35'40	
	-12239 Nov 29 j 12:35	0° Ω			-12236 Aug 01 j 12:30	0° Θ	
	-12239 Dec 26 j 15:53	0° \mathbb{M}		evening max el	-12236 Aug 28 j 16:19	29° Θ 29'50	47°02'03
	-12238 Jan 21 j 19:51	0° Ω			-12236 Aug 29 j 04:11	0° Ω	
desc. node	-12238 Jan 27 j 11:05	6° Ω 34'10			-12236 Oct 05 j 17:48	0° \mathbb{M}	
	-12238 Feb 16 j 07:40	0° \mathbb{M}		greatest brilliancy	-12236 Oct 07 j 13:07	0° \mathbb{M} 45'44	-4.8m
	-12238 Mar 13 j 05:29	0° \mathbb{A}		retrograde	-12236 Oct 18 j 09:30	3° \mathbb{M} 00'25	
	-12238 Apr 06 j 15:31	0° \mathbb{Z}			-12236 Oct 30 j 09:52	30° \mathbb{R} Ω	
	-12238 Apr 30 j 16:51	0° \approx		evening set	-12236 Nov 02 j 07:07	28° Ω 28'05	
morning set	-12238 May 02 j 18:08	2° \approx 34'34		asc. node	-12236 Nov 02 j 08:49	28° Ω 25'39	
asc. node	-12238 May 18 j 08:20	22° \approx 11'35		min. Earth dist.	-12236 Nov 08 j 00:43	24° Ω 53'58	0.28688 AU
	-12238 May 24 j 12:49	0° \mathbb{H}		inferior conj	-12236 Nov 08 j 12:30	24° Ω 34'48	1°25'26
				minimum elong	-12236 Nov 08 j 09:36	24° Ω 39'31	1°25'04
superior conj	-12238 Jun 09 j 10:57	20° \mathbb{H} 07'08	0°48'19	morning rise	-12236 Nov 14 j 12:50	20° Ω 50'07	
minimum elong	-12238 Jun 09 j 01:43	19° \mathbb{H} 37'58	0°47'48	direct	-12236 Nov 29 j 18:40	16° Ω 13'48	
max. Earth dist.	-12238 Jun 09 j 06:55	19° \mathbb{H} 54'22	1.70828 AU	greatest brilliancy	-12236 Dec 08 j 18:06	17° Ω 43'09	-4.7m
	-12238 Jun 17 j 06:29	0° \mathbb{Y}			-12236 Dec 30 j 02:34	0° \mathbb{M}	
	-12238 Jul 11 j 00:34	0° \mathbb{B}		morning max el	-12235 Jan 17 j 11:46	15° \mathbb{M} 55'16	46°00'38
evening rise	-12238 Jul 19 j 20:56	11° \mathbb{B} 08'39			-12235 Jan 31 j 17:57	0° Ω	
	-12238 Aug 03 j 21:28	0° \mathbb{I}		desc. node	-12235 Feb 24 j 00:13	24° Ω 52'04	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12235 Feb 28 j 14:55	0°♍				-12233 Sep 07 j 14:37	0°♎		
	-12235 Mar 26 j 17:22	0°♌				-12233 Oct 03 j 04:58	0°♏		
	-12235 Apr 20 j 18:48	0°♎				-12233 Oct 30 j 11:38	0°♍		
	-12235 May 15 j 03:56	0°♏			evening max el	-12233 Nov 08 j 02:15	8°♎43'02	45°17'54	
	-12235 Jun 08 j 02:55	0°♏			asc. node	-12233 Nov 30 j 19:05	28°♎27'13		
greatest brilliancy	-12235 Jun 08 j 12:58	0°♏31'39	-3.9m			-12233 Dec 03 j 00:02	0°♍		
asc. node	-12235 Jun 14 j 22:18	8°♏35'13			greatest brilliancy	-12233 Dec 15 j 11:12	6°♍47'53	-4.7m	
	-12235 Jul 01 j 20:41	0°♏			retrograde	-12233 Dec 26 j 17:15	9°♍05'50		
morning set	-12235 Jul 14 j 19:05	16°♏22'39			evening set	-12232 Jan 12 j 20:45	3°♍28'25		
	-12235 Jul 25 j 13:27	0°♏			inferior conj	-12232 Jan 17 j 03:10	0°♍50'09	7°49'45	
	-12235 Aug 18 j 08:35	0°♏			minimum elong	-12232 Jan 16 j 22:31	0°♍57'30	7°49'03	
					min. Earth dist.	-12232 Jan 17 j 13:50	0°♍33'19	0.29559 AU	
superior conj	-12235 Aug 25 j 20:48	9°♏25'17	1°15'13			-12232 Jan 18 j 10:59	30°♏♎		
minimum elong	-12235 Aug 26 j 06:02	9°♏54'13	1°15'42		morning rise	-12232 Jan 21 j 00:10	28°♎25'18		
max. Earth dist.	-12235 Sep 02 j 14:22	19°♏05'41	1.71518 AU		direct	-12232 Feb 08 j 03:25	22°♎17'01		
	-12235 Sep 11 j 08:10	0°♎			greatest brilliancy	-12232 Feb 18 j 07:31	24°♎07'47	-4.7m	
	-12235 Oct 05 j 12:41	0°♎				-12232 Mar 01 j 02:58	0°♍		
desc. node	-12235 Oct 06 j 08:42	1°♎01'48			desc. node	-12232 Mar 23 j 12:22	17°♍48'18		
evening rise	-12235 Oct 08 j 05:31	3°♎20'11			morning max el	-12232 Mar 28 j 12:27	22°♍31'34	46°16'12	
	-12235 Oct 29 j 21:22	0°♏				-12232 Apr 05 j 01:35	0°♌		
	-12235 Nov 23 j 09:29	0°♎				-12232 May 02 j 18:15	0°♎		
	-12235 Dec 18 j 01:56	0°♍				-12232 May 28 j 08:26	0°♏		
	-12234 Jan 12 j 02:15	0°♌				-12232 Jun 21 j 22:20	0°♏		
asc. node	-12234 Jan 25 j 12:43	15°♌51'24			asc. node	-12232 Jul 12 j 12:19	25°♏37'49		
	-12234 Feb 06 j 16:44	0°♎				-12232 Jul 15 j 23:59	0°♏		
	-12234 Mar 05 j 07:56	0°♏				-12232 Aug 08 j 20:57	0°♏		
	-12234 Apr 03 j 03:11	0°♏				-12232 Sep 01 j 18:29	0°♏		
evening max el	-12234 Apr 03 j 23:27	0°♏49'05	46°23'21			-12232 Sep 25 j 19:51	0°♎		
	-12234 May 13 j 10:43	0°♏			morning set	-12232 Oct 01 j 00:24	6°♎26'13		
greatest brilliancy	-12234 May 14 j 06:39	0°♏17'36	-4.9m			-12232 Oct 20 j 02:00	0°♎		
desc. node	-12234 May 19 j 08:01	1°♏36'04			desc. node	-12232 Nov 02 j 21:49	17°♎00'28		
retrograde	-12234 May 23 j 22:08	2°♏00'09							
	-12234 Jun 03 j 00:34	30°♏♏			superior conj	-12232 Nov 11 j 09:19	27°♎25'17	-0°18'53	
evening set	-12234 Jun 08 j 01:48	27°♏38'58			minimum elong	-12232 Nov 11 j 05:02	27°♎12'09	0°18'17	
min. Earth dist.	-12234 Jun 13 j 05:03	24°♏42'58	0.26351 AU		max. Earth dist.	-12232 Nov 13 j 03:13	29°♎33'50	1.73396 AU	
inferior conj	-12234 Jun 13 j 16:42	24°♏25'40	-5°46'55			-12232 Nov 13 j 11:44	0°♏		
minimum elong	-12234 Jun 13 j 06:31	24°♏40'47	5°44'38			-12232 Dec 07 j 22:54	0°♎		
morning rise	-12234 Jun 18 j 11:07	21°♏39'57			evening rise	-12232 Dec 19 j 15:15	14°♎19'26		
direct	-12234 Jul 03 j 23:44	16°♏59'26				-12231 Jan 01 j 10:06	0°♍		
greatest brilliancy	-12234 Jul 14 j 13:39	19°♏05'18	-4.9m		greatest brilliancy	-12231 Jan 19 j 14:38	22°♍17'27	-3.9m	
	-12234 Aug 01 j 12:57	0°♏				-12231 Jan 25 j 21:50	0°♌		
morning max el	-12234 Aug 23 j 11:59	20°♏11'50	46°34'12			-12231 Feb 19 j 12:11	0°♎		
	-12234 Sep 01 j 20:20	0°♏			asc. node	-12231 Feb 21 j 23:23	2°♎59'42		
asc. node	-12234 Sep 07 j 12:27	6°♏09'45				-12231 Mar 16 j 07:42	0°♏		
	-12234 Sep 28 j 14:43	0°♏				-12231 Apr 10 j 10:58	0°♏		
	-12234 Oct 24 j 06:04	0°♎				-12231 May 06 j 02:34	0°♏		
	-12234 Nov 18 j 13:33	0°♎				-12231 Jun 01 j 19:51	0°♏		
	-12234 Dec 13 j 18:10	0°♏			desc. node	-12231 Jun 15 j 17:48	14°♏39'02		
desc. node	-12234 Dec 29 j 23:22	19°♏23'59			evening max el	-12231 Jun 16 j 08:56	15°♏17'22	47°52'47	
	-12233 Jan 07 j 19:09	0°♎				-12231 Jul 01 j 19:47	0°♏		
	-12233 Feb 01 j 14:11	0°♍			greatest brilliancy	-12231 Jul 28 j 01:48	17°♏21'37	-4.9m	
morning set	-12233 Feb 22 j 17:54	25°♍53'14			retrograde	-12231 Aug 06 j 13:35	19°♏06'19		
	-12233 Feb 26 j 02:04	0°♌			evening set	-12231 Aug 23 j 17:06	13°♏13'52		
	-12233 Mar 22 j 07:28	0°♎			min. Earth dist.	-12231 Aug 26 j 17:20	11°♏21'17	0.27168 AU	
max. Earth dist.	-12233 Mar 25 j 06:25	3°♎40'46	1.72449 AU		inferior conj	-12231 Aug 27 j 08:19	10°♏57'37	-7°42'32	
					minimum elong	-12231 Aug 27 j 16:36	10°♏44'32	7°40'38	
superior conj	-12233 Mar 29 j 16:48	9°♎12'11	-0°46'04		morning rise	-12231 Aug 31 j 16:28	8°♏17'25		
minimum elong	-12233 Mar 30 j 00:06	9°♎34'59	0°46'30		direct	-12231 Sep 16 j 15:36	3°♏09'33		
	-12233 Apr 15 j 08:21	0°♏			greatest brilliancy	-12231 Sep 26 j 00:44	4°♏52'00	-4.9m	
asc. node	-12233 Apr 19 j 21:19	5°♏40'59			asc. node	-12231 Oct 05 j 00:12	9°♏08'52		
evening rise	-12233 May 04 j 16:20	24°♏13'27				-12231 Oct 31 j 00:49	0°♎		
	-12233 May 09 j 06:52	0°♏			morning max el	-12231 Nov 05 j 07:06	5°♎05'11	46°10'53	
	-12233 Jun 02 j 05:02	0°♏				-12231 Nov 29 j 05:44	0°♎		
	-12233 Jun 26 j 04:48	0°♏				-12231 Dec 26 j 06:01	0°♏		
	-12233 Jul 20 j 08:21	0°♏				-12230 Jan 21 j 08:30	0°♎		
desc. node	-12233 Aug 11 j 11:39	27°♏13'04			desc. node	-12230 Jan 26 j 13:10	6°♎03'56		
	-12233 Aug 13 j 18:22	0°♎				-12230 Feb 15 j 19:29	0°♍		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12230 Mar 12 j 16:49	0°♊		retrograde	-12228 Oct 16 j 02:21	0°♎49'20	
	-12230 Apr 06 j 02:38	0°♊			-12228 Oct 22 j 08:22	30°♎	
morning set	-12230 Apr 30 j 11:27	0°♊23'42		evening set	-12228 Oct 31 j 00:22	26°♎16'43	
	-12230 Apr 30 j 03:54	0°♊		asc. node	-12228 Nov 01 j 11:05	25°♎25'42	
asc. node	-12230 May 17 j 10:35	21°♊43'50		inferior conj	-12228 Nov 06 j 05:34	22°♎23'58	1°06'33
	-12230 May 23 j 23:53	0°♊		minimum elong	-12228 Nov 06 j 03:18	22°♎27'40	1°06'21
max. Earth dist.	-12230 Jun 06 j 10:24	16°♊58'42	1.70854 AU	min. Earth dist.	-12228 Nov 05 j 18:03	22°♎42'43	0.28635 AU
				morning rise	-12228 Nov 12 j 06:54	18°♎37'41	
superior conj	-12230 Jun 07 j 00:44	17°♊44'02	0°45'23	direct	-12228 Nov 27 j 10:17	14°♎03'40	
minimum elong	-12230 Jun 06 j 15:55	17°♊16'09	0°44'51	greatest brilliancy	-12228 Dec 06 j 10:58	15°♎33'54	-4.7m
	-12230 Jun 16 j 17:36	0°♊			-12228 Dec 30 j 12:23	0°♎	
	-12230 Jul 10 j 11:46	0°♊		morning max el	-12227 Jan 15 j 03:27	13°♎45'34	46°00'33
evening rise	-12230 Jul 17 j 06:07	8°♊31'12			-12227 Jan 31 j 11:59	0°♎	
	-12230 Aug 03 j 08:45	0°♊		desc. node	-12227 Feb 23 j 02:25	24°♎17'22	
	-12230 Aug 27 j 10:23	0°♊			-12227 Feb 28 j 05:10	0°♎	
desc. node	-12230 Sep 07 j 22:49	14°♊15'14			-12227 Mar 26 j 06:03	0°♊	
	-12230 Sep 20 j 17:43	0°♊			-12227 Apr 20 j 06:42	0°♊	
	-12230 Oct 15 j 07:42	0°♊			-12227 May 14 j 15:25	0°♊	
	-12230 Nov 09 j 07:09	0°♊			-12227 Jun 07 j 14:12	0°♊	
	-12230 Dec 04 j 23:57	0°♊		greatest brilliancy	-12227 Jun 09 j 00:44	1°♊48'48	-3.9m
asc. node	-12230 Dec 28 j 04:53	25°♊43'09		asc. node	-12227 Jun 14 j 00:23	8°♊06'13	
	-12229 Jan 01 j 05:59	0°♊			-12227 Jul 01 j 07:53	0°♊	
evening max el	-12229 Jan 18 j 08:30	17°♊07'42	44°53'57	morning set	-12227 Jul 12 j 05:22	13°♊47'45	
	-12229 Feb 02 j 00:08	0°♊			-12227 Jul 25 j 00:39	0°♊	
greatest brilliancy	-12229 Feb 25 j 10:04	14°♊03'51	-4.7m		-12227 Aug 17 j 19:46	0°♊	
retrograde	-12229 Mar 07 j 08:34	15°♊47'46					
evening set	-12229 Mar 23 j 06:53	11°♊09'03		superior conj	-12227 Aug 23 j 05:00	6°♊45'36	1°16'49
inferior conj	-12229 Mar 28 j 12:48	8°♊06'34	5°06'52	minimum elong	-12227 Aug 23 j 13:28	7°♊12'07	1°17'20
minimum elong	-12229 Mar 28 j 21:57	7°♊52'50	5°04'03	max. Earth dist.	-12227 Aug 30 j 18:01	16°♊12'15	1.71448 AU
min. Earth dist.	-12229 Mar 29 j 20:11	7°♊19'28	0.27902 AU		-12227 Sep 10 j 19:19	0°♊	
morning rise	-12229 Apr 03 j 12:03	4°♊38'16			-12227 Oct 04 j 23:48	0°♊	
direct	-12229 Apr 19 j 01:56	0°♊05'44		desc. node	-12227 Oct 05 j 11:00	0°♊34'37	
desc. node	-12229 Apr 20 j 23:47	0°♊09'55		evening rise	-12227 Oct 05 j 15:23	0°♊48'07	
greatest brilliancy	-12229 Apr 30 j 20:43	2°♊34'58	-4.8m		-12227 Oct 29 j 08:29	0°♊	
	-12229 Jun 06 j 01:32	0°♊			-12227 Nov 22 j 20:44	0°♊	
morning max el	-12229 Jun 08 j 09:36	2°♊19'53	46°37'48		-12227 Dec 17 j 13:33	0°♊	
	-12229 Jul 03 j 23:55	0°♊			-12226 Jan 11 j 14:36	0°♊	
	-12229 Jul 29 j 13:05	0°♊		asc. node	-12226 Jan 24 j 14:55	15°♊19'55	
asc. node	-12229 Aug 10 j 01:54	13°♊57'25			-12226 Feb 06 j 06:30	0°♊	
	-12229 Aug 23 j 04:52	0°♊			-12226 Mar 05 j 00:35	0°♊	
	-12229 Sep 16 j 13:42	0°♊		evening max el	-12226 Apr 01 j 12:07	28°♊25'20	46°19'27
	-12229 Oct 10 j 22:57	0°♊			-12226 Apr 03 j 03:37	0°♊	
	-12229 Nov 04 j 11:28	0°♊		greatest brilliancy	-12226 May 11 j 17:16	27°♊46'48	-4.9m
	-12229 Nov 29 j 02:34	0°♊		desc. node	-12226 May 18 j 10:10	29°♊19'54	
desc. node	-12229 Dec 01 j 11:30	2°♊53'15		retrograde	-12226 May 21 j 09:52	29°♊30'13	
morning set	-12229 Dec 14 j 18:00	19°♊02'58		evening set	-12226 Jun 05 j 10:10	25°♊13'02	
	-12229 Dec 23 j 17:34	0°♊		min. Earth dist.	-12226 Jun 10 j 17:38	22°♊11'47	0.26358 AU
max. Earth dist.	-12228 Jan 17 j 05:28	29°♊58'27	1.73751 AU	inferior conj	-12226 Jun 11 j 04:11	21°♊56'10	-5°28'08
	-12228 Jan 17 j 05:59	0°♊		minimum elong	-12226 Jun 10 j 18:10	22°♊11'01	5°25'49
				morning rise	-12226 Jun 16 j 02:02	19°♊06'18	
superior conj	-12228 Jan 20 j 18:13	4°♊18'33	-1°19'18	direct	-12226 Jul 01 j 12:01	14°♊29'34	
minimum elong	-12228 Jan 20 j 15:35	4°♊10'26	1°19'41	greatest brilliancy	-12226 Jul 12 j 03:30	16°♊37'18	-4.9m
	-12228 Feb 10 j 14:58	0°♊			-12226 Aug 02 j 03:14	0°♊	
evening rise	-12228 Feb 24 j 18:31	17°♊28'21		morning max el	-12226 Aug 21 j 01:30	17°♊45'01	46°34'51
	-12228 Mar 05 j 21:35	0°♊			-12226 Sep 01 j 16:06	0°♊	
asc. node	-12228 Mar 21 j 11:02	19°♊15'08		asc. node	-12226 Sep 06 j 14:47	5°♊25'04	
	-12228 Mar 30 j 03:34	0°♊			-12226 Sep 28 j 06:11	0°♊	
	-12228 Apr 23 j 10:27	0°♊			-12226 Oct 23 j 19:36	0°♊	
	-12228 May 17 j 19:41	0°♊			-12226 Nov 18 j 02:00	0°♊	
	-12228 Jun 11 j 09:36	0°♊			-12226 Dec 13 j 05:55	0°♊	
	-12228 Jul 06 j 09:05	0°♊		desc. node	-12226 Dec 29 j 01:28	18°♊55'57	
desc. node	-12228 Jul 13 j 03:35	7°♊59'49			-12225 Jan 07 j 06:26	0°♊	
	-12228 Aug 01 j 04:36	0°♊			-12225 Feb 01 j 01:11	0°♊	
evening max el	-12228 Aug 26 j 07:01	27°♊10'42	47°05'41	morning set	-12225 Feb 20 j 13:22	23°♊52'02	
	-12228 Aug 29 j 02:05	0°♊			-12225 Feb 25 j 12:56	0°♊	
greatest brilliancy	-12228 Oct 05 j 08:05	28°♊36'02	-4.8m		-12225 Mar 21 j 18:20	0°♊	
	-12228 Oct 09 j 15:54	0°♊		max. Earth dist.	-12225 Mar 23 j 01:45	1°♊37'42	1.72509 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

superior conj	-12225 Mar 27 j 11:58	7° Z 08'25	-0°48'29	min. Earth dist.	-12223 Aug 24 j 06:35	8° II 56'11	0.27122 AU
minimum elong	-12225 Mar 27 j 19:25	7° Z 31'39	0°48'55	morning rise	-12223 Aug 29 j 02:36	5° II 56'57	
	-12225 Apr 14 j 19:17	0° \approx		direct	-12223 Sep 14 j 05:19	0° II 45'08	
asc. node	-12225 Apr 18 j 23:33	5° \approx 13'39		greatest brilliancy	-12223 Sep 23 j 14:06	2° II 27'14	-4.9m
evening rise	-12225 May 02 j 09:23	22° \approx 01'41		asc. node	-12223 Oct 04 j 02:28	7° II 40'42	
	-12225 May 08 j 17:59	0° H			-12223 Oct 31 j 01:42	0° G	
	-12225 Jun 01 j 16:24	0° Y		morning max el	-12223 Nov 02 j 21:15	2° G 45'01	46°11'29
	-12225 Jun 25 j 16:26	0° B			-12223 Nov 28 j 22:38	0° Ω	
	-12225 Jul 19 j 20:19	0° II			-12223 Dec 25 j 20:07	0° H	
desc. node	-12225 Aug 10 j 13:56	26° II 42'15			-12222 Jan 20 j 21:12	0° B	
	-12225 Aug 13 j 06:48	0° G		desc. node	-12222 Jan 25 j 15:20	5° B 33'39	
	-12225 Sep 07 j 03:51	0° Ω			-12222 Feb 15 j 07:22	0° H	
	-12225 Oct 02 j 19:49	0° H			-12222 Mar 12 j 04:15	0° A	
	-12225 Oct 30 j 06:47	0° B			-12222 Apr 05 j 13:50	0° Z	
evening max el	-12225 Nov 05 j 19:13	6° B 33'56	45°20'44	morning set	-12222 Apr 28 j 04:56	28° Z 13'05	
asc. node	-12225 Nov 29 j 21:19	27° B 19'00			-12222 Apr 29 j 15:02	0° \approx	
	-12225 Dec 03 j 22:59	0° H		asc. node	-12222 May 16 j 12:42	21° \approx 15'18	
greatest brilliancy	-12225 Dec 13 j 03:38	4° H 41'26	-4.7m		-12222 May 23 j 11:05	0° H	
retrograde	-12225 Dec 24 j 10:55	7° H 00'23		max. Earth dist.	-12222 Jun 03 j 14:26	14° H 04'17	1.70891 AU
evening set	-12224 Jan 10 j 12:01	1° H 25'36					
	-12224 Jan 12 j 20:06	30° R B		superior conj	-12222 Jun 04 j 14:38	15° H 20'45	0°42'23
inferior conj	-12224 Jan 14 j 20:28	28° B 43'51	7°44'39	minimum elong	-12222 Jun 04 j 06:16	14° H 54'20	0°41'50
minimum elong	-12224 Jan 14 j 15:16	28° B 52'04	7°43'53		-12222 Jun 16 j 04:54	0° Y	
min. Earth dist.	-12224 Jan 15 j 05:26	28° B 29'39	0.29568 AU		-12222 Jul 09 j 23:11	0° B	
morning rise	-12224 Jan 18 j 18:27	26° B 17'16		evening rise	-12222 Jul 14 j 15:14	5° B 52'49	
direct	-12224 Feb 05 j 21:05	20° B 10'37			-12222 Aug 02 j 20:17	0° II	
greatest brilliancy	-12224 Feb 15 j 22:05	21° B 59'03	-4.7m		-12222 Aug 26 j 22:03	0° G	
	-12224 Mar 02 j 01:00	0° H		desc. node	-12222 Sep 07 j 01:07	13° G 46'12	
desc. node	-12224 Mar 22 j 14:42	16° H 57'53			-12222 Sep 20 j 05:34	0° Ω	
morning max el	-12224 Mar 26 j 05:16	20° H 23'08	46°15'14		-12222 Oct 14 j 19:53	0° H	
	-12224 Apr 04 j 21:02	0° A			-12222 Nov 08 j 20:01	0° B	
	-12224 May 02 j 09:14	0° Z			-12222 Dec 04 j 14:21	0° H	
	-12224 May 27 j 21:42	0° \approx		asc. node	-12222 Dec 27 j 07:10	25° H 03'02	
	-12224 Jun 21 j 10:46	0° H			-12221 Jan 01 j 00:14	0° A	
asc. node	-12224 Jul 11 j 14:27	25° H 06'53		evening max el	-12221 Jan 15 j 22:03	14° A 50'55	44°52'48
	-12224 Jul 15 j 11:57	0° Y			-12221 Feb 02 j 11:11	0° Z	
	-12224 Aug 08 j 08:37	0° B		greatest brilliancy	-12221 Feb 22 j 23:42	11° Z 48'52	-4.7m
	-12224 Sep 01 j 05:57	0° II		retrograde	-12221 Mar 04 j 22:02	13° Z 33'10	
	-12224 Sep 25 j 07:11	0° G		evening set	-12221 Mar 20 j 23:35	8° Z 50'07	
morning set	-12224 Sep 28 j 10:44	3° G 54'27		inferior conj	-12221 Mar 26 j 03:07	5° Z 50'53	5°22'25
	-12224 Oct 19 j 13:12	0° Ω		minimum elong	-12221 Mar 26 j 12:24	5° Z 36'56	5°19'41
desc. node	-12224 Nov 01 j 23:52	16° Ω 32'34		min. Earth dist.	-12221 Mar 27 j 11:21	5° Z 02'26	0.27984 AU
				morning rise	-12221 Apr 01 j 00:11	2° Z 25'05	
superior conj	-12224 Nov 08 j 22:28	25° Ω 04'13	-0°15'31		-12221 Apr 06 j 01:05	30° R A	
minimum elong	-12224 Nov 08 j 18:55	24° Ω 53'18	0°14'54	direct	-12221 Apr 16 j 16:30	27° A 48'12	
behind sun begin	-12224 Nov 08 j 09:29	24° Ω 24'19		desc. node	-12221 Apr 20 j 01:50	28° A 01'14	
behind sun end	-12224 Nov 09 j 04:21	25° Ω 22'17			-12221 Apr 27 j 18:04	0° Z	
max. Earth dist.	-12224 Nov 11 j 00:02	27° Ω 36'22	1.73352 AU	greatest brilliancy	-12221 Apr 28 j 12:19	0° Z 17'52	-4.8m
	-12224 Nov 12 j 22:50	0° H		morning max el	-12221 Jun 05 j 23:19	29° Z 56'15	46°37'21
	-12224 Dec 07 j 09:57	0° B			-12221 Jun 06 j 00:49	0° \approx	
evening rise	-12224 Dec 17 j 09:03	12° B 13'02			-12221 Jul 03 j 16:34	0° H	
	-12224 Dec 31 j 21:10	0° H			-12221 Jul 29 j 03:22	0° Y	
	-12223 Jan 25 j 09:06	0° A		asc. node	-12221 Aug 09 j 04:13	13° Y 22'44	
	-12223 Feb 18 j 23:53	0° Z			-12221 Aug 22 j 18:01	0° B	
asc. node	-12223 Feb 21 j 01:47	2° Z 31'23			-12221 Sep 16 j 02:11	0° II	
	-12223 Mar 15 j 20:09	0° \approx			-12221 Oct 10 j 10:58	0° G	
	-12223 Apr 10 j 00:34	0° H			-12221 Nov 03 j 23:08	0° Ω	
	-12223 May 05 j 18:05	0° Y			-12221 Nov 28 j 13:57	0° H	
	-12223 Jun 01 j 15:18	0° B		desc. node	-12221 Nov 30 j 13:36	2° H 25'04	
evening max el	-12223 Jun 14 j 00:39	12° B 56'45	47°51'38	morning set	-12221 Dec 12 j 09:45	16° H 50'28	
desc. node	-12223 Jun 14 j 20:03	13° B 45'40			-12221 Dec 23 j 04:45	0° B	
	-12223 Jul 02 j 05:23	0° II		max. Earth dist.	-12220 Jan 15 j 01:28	27° B 58'34	1.73771 AU
greatest brilliancy	-12223 Jul 25 j 16:05	14° II 55'11	-4.9m		-12220 Jan 16 j 17:03	0° H	
retrograde	-12223 Aug 04 j 03:44	16° II 39'10					
evening set	-12223 Aug 21 j 09:38	10° II 43'45		superior conj	-12220 Jan 18 j 13:21	2° H 15'55	-1°18'47
inferior conj	-12223 Aug 24 j 22:07	8° II 31'40	-7°53'04	minimum elong	-12220 Jan 18 j 10:09	2° H 06'06	1°19'07
minimum elong	-12223 Aug 25 j 05:56	8° II 19'18	7°51'21		-12220 Feb 10 j 02:05	0° A	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

evening rise	-12220 Feb 22 j 14:31	15° ♁ 27'21		asc. node	-12218 Sep 05 j 17:03	4° ♁ 40'12	
	-12220 Mar 05 j 08:50	0° ♁			-12218 Sep 27 j 21:39	0° ♁	
asc. node	-12220 Mar 20 j 13:19	18° ♁ 46'58			-12218 Oct 23 j 09:18	0° ♁	
	-12220 Mar 29 j 15:05	0° ♁			-12218 Nov 17 j 14:41	0° ♁	
	-12220 Apr 22 j 22:21	0° ♁			-12218 Dec 12 j 17:57	0° ♁	
	-12220 May 17 j 08:06	0° ♁		desc. node	-12218 Dec 28 j 03:41	18° ♁ 27'20	
	-12220 Jun 10 j 22:47	0° ♁			-12217 Jan 06 j 18:01	0° ♁	
	-12220 Jul 05 j 23:29	0° ♁			-12217 Jan 31 j 12:29	0° ♁	
desc. node	-12220 Jul 12 j 05:52	7° ♁ 23'00		morning set	-12217 Feb 18 j 08:42	21° ♁ 49'43	
	-12220 Jul 31 j 21:20	0° ♁			-12217 Feb 25 j 00:04	0° ♁	
evening max el	-12220 Aug 23 j 21:59	24° ♁ 50'57	47°09'13	max. Earth dist.	-12217 Mar 20 j 20:04	29° ♁ 30'49	1.72568 AU
	-12220 Aug 29 j 01:24	0° ♁			-12217 Mar 21 j 05:27	0° ♁	
greatest brilliancy	-12220 Oct 03 j 02:27	26° ♁ 23'46	-4.8m				
retrograde	-12220 Oct 13 j 19:23	28° ♁ 36'23		superior conj	-12217 Mar 25 j 07:10	5° ♁ 04'02	-0°50'49
evening set	-12220 Oct 28 j 17:34	24° ♁ 03'03		minimum elong	-12217 Mar 25 j 14:44	5° ♁ 27'37	0°51'16
asc. node	-12220 Oct 31 j 13:17	22° ♁ 21'22			-12217 Apr 14 j 06:31	0° ♁	
inferior conj	-12220 Nov 03 j 22:27	20° ♁ 11'07	0°47'19	asc. node	-12217 Apr 18 j 01:40	4° ♁ 45'02	
minimum elong	-12220 Nov 03 j 20:50	20° ♁ 13'46	0°47'19	evening rise	-12217 Apr 30 j 02:35	19° ♁ 49'34	
min. Earth dist.	-12220 Nov 03 j 11:00	20° ♁ 29'43	0.28581 AU		-12217 May 08 j 05:25	0° ♁	
morning rise	-12220 Nov 10 j 00:44	16° ♁ 23'40			-12217 Jun 01 j 04:03	0° ♁	
direct	-12220 Nov 25 j 01:47	11° ♁ 51'31			-12217 Jun 25 j 04:21	0° ♁	
greatest brilliancy	-12220 Dec 04 j 03:31	13° ♁ 22'44	-4.7m		-12217 Jul 19 j 08:32	0° ♁	
	-12220 Dec 30 j 20:08	0° ♁		desc. node	-12217 Aug 09 j 16:16	26° ♁ 10'59	
morning max el	-12219 Jan 12 j 19:44	11° ♁ 36'13	46°00'29		-12217 Aug 12 j 19:27	0° ♁	
	-12219 Jan 31 j 05:59	0° ♁			-12217 Sep 06 j 17:19	0° ♁	
desc. node	-12219 Feb 22 j 04:40	23° ♁ 42'05			-12217 Oct 02 j 10:59	0° ♁	
	-12219 Feb 27 j 19:38	0° ♁			-12217 Oct 30 j 02:41	0° ♁	
	-12219 Mar 25 j 18:59	0° ♁		evening max el	-12217 Nov 03 j 12:04	4° ♁ 23'51	45°23'26
	-12219 Apr 19 j 18:53	0° ♁		asc. node	-12217 Nov 28 j 23:40	26° ♁ 08'25	
	-12219 May 14 j 03:12	0° ♁			-12217 Dec 05 j 07:47	0° ♁	
	-12219 Jun 07 j 01:45	0° ♁		greatest brilliancy	-12217 Dec 10 j 20:55	2° ♁ 35'18	-4.7m
greatest brilliancy	-12219 Jun 09 j 09:22	2° ♁ 55'16	-3.9m	retrograde	-12217 Dec 22 j 04:19	4° ♁ 54'22	
asc. node	-12219 Jun 13 j 02:37	7° ♁ 36'51			-12216 Jan 07 j 01:43	30° ♁ 12	
	-12219 Jun 30 j 19:21	0° ♁		evening set	-12216 Jan 08 j 03:22	29° ♁ 22'32	
morning set	-12219 Jul 09 j 16:17	11° ♁ 14'07		inferior conj	-12216 Jan 12 j 13:54	26° ♁ 37'09	7°38'59
	-12219 Jul 24 j 12:05	0° ♁		minimum elong	-12216 Jan 12 j 08:12	26° ♁ 46'11	7°38'09
	-12219 Aug 17 j 07:13	0° ♁		min. Earth dist.	-12216 Jan 12 j 21:27	26° ♁ 25'10	0.29573 AU
				morning rise	-12216 Jan 16 j 13:01	24° ♁ 08'31	
superior conj	-12219 Aug 20 j 13:23	4° ♁ 05'24	1°18'15	direct	-12216 Feb 03 j 14:46	18° ♁ 03'57	
minimum elong	-12219 Aug 20 j 20:59	4° ♁ 29'15	1°18'47	greatest brilliancy	-12216 Feb 13 j 12:59	19° ♁ 50'05	-4.7m
max. Earth dist.	-12219 Aug 27 j 22:05	13° ♁ 19'04	1.71387 AU		-12216 Mar 02 j 17:43	0° ♁	
	-12219 Sep 10 j 06:46	0° ♁		desc. node	-12216 Mar 21 j 16:47	16° ♁ 07'10	
evening rise	-12219 Oct 03 j 00:53	28° ♁ 13'52		morning max el	-12216 Mar 23 j 21:14	18° ♁ 12'09	46°14'17
	-12219 Oct 04 j 11:14	0° ♁			-12216 Apr 04 j 16:11	0° ♁	
desc. node	-12219 Oct 04 j 13:03	0° ♁ 05'36			-12216 May 02 j 00:14	0° ♁	
	-12219 Oct 28 j 19:58	0° ♁			-12216 May 27 j 11:02	0° ♁	
	-12219 Nov 22 j 08:22	0° ♁			-12216 Jun 20 j 23:18	0° ♁	
	-12219 Dec 17 j 01:33	0° ♁		asc. node	-12216 Jul 10 j 16:41	24° ♁ 35'44	
	-12218 Jan 11 j 03:23	0° ♁			-12216 Jul 15 j 00:03	0° ♁	
asc. node	-12218 Jan 23 j 17:21	14° ♁ 47'54			-12216 Aug 07 j 20:26	0° ♁	
	-12218 Feb 05 j 20:46	0° ♁			-12216 Aug 31 j 17:33	0° ♁	
	-12218 Mar 04 j 17:58	0° ♁			-12216 Sep 24 j 18:36	0° ♁	
evening max el	-12218 Mar 30 j 01:44	26° ♁ 03'05	46°15'30	morning set	-12216 Sep 25 j 21:24	1° ♁ 23'14	
	-12218 Apr 03 j 05:45	0° ♁			-12216 Oct 19 j 00:29	0° ♁	
greatest brilliancy	-12218 May 09 j 03:32	25° ♁ 15'00	-4.9m	desc. node	-12216 Nov 01 j 02:02	16° ♁ 04'49	
desc. node	-12218 May 17 j 12:28	26° ♁ 57'10					
retrograde	-12218 May 18 j 21:54	26° ♁ 59'26		superior conj	-12216 Nov 06 j 11:47	22° ♁ 43'22	-0°12'07
evening set	-12218 Jun 02 j 18:48	22° ♁ 46'14		minimum elong	-12216 Nov 06 j 08:59	22° ♁ 34'48	0°11'32
min. Earth dist.	-12218 Jun 08 j 05:59	19° ♁ 40'07	0.26363 AU	behind sun begin	-12216 Nov 05 j 15:06	21° ♁ 39'51	
inferior conj	-12218 Jun 08 j 15:36	19° ♁ 25'55	-5°08'41	behind sun end	-12216 Nov 07 j 02:52	23° ♁ 29'44	
minimum elong	-12218 Jun 08 j 05:51	19° ♁ 40'19	5°06'22	max. Earth dist.	-12216 Nov 08 j 22:13	25° ♁ 42'48	1.73305 AU
morning rise	-12218 Jun 13 j 16:50	16° ♁ 31'59			-12216 Nov 12 j 10:00	0° ♁	
direct	-12218 Jun 29 j 00:43	11° ♁ 59'13			-12216 Dec 06 j 21:04	0° ♁	
greatest brilliancy	-12218 Jul 09 j 16:40	14° ♁ 07'52	-4.9m	evening rise	-12216 Dec 15 j 02:53	10° ♁ 06'27	
	-12218 Aug 02 j 14:11	0° ♁			-12216 Dec 31 j 08:21	0° ♁	
morning max el	-12218 Aug 18 j 15:07	15° ♁ 17'57	46°35'31		-12215 Jan 24 j 20:30	0° ♁	
	-12218 Sep 01 j 11:32	0° ♁			-12215 Feb 18 j 11:44	0° ♁	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-12215 Feb 20 j 04:03	2° Z 02'10		asc. node	-12213 Aug 08 j 06:25	12° Y 48'21	
	-12215 Mar 15 j 08:45	0° \approx			-12213 Aug 22 j 06:55	0° B	
	-12215 Apr 09 j 14:23	0° X			-12213 Sep 15 j 14:27	0° II	
	-12215 May 05 j 09:55	0° Y			-12213 Oct 09 j 22:48	0° E	
	-12215 Jun 01 j 11:24	0° B			-12213 Nov 03 j 10:37	0° Ω	
evening max el	-12215 Jun 11 j 15:18	10° B 33'06	47°50'11		-12213 Nov 28 j 01:08	0° M	
desc. node	-12215 Jun 13 j 22:24	12° B 51'11		desc. node	-12213 Nov 29 j 15:49	1° M 57'51	
	-12215 Jul 02 j 18:18	0° II		morning set	-12213 Dec 10 j 01:36	14° M 38'48	
greatest brilliancy	-12215 Jul 23 j 06:52	12° II 28'48	-4.9m		-12213 Dec 22 j 15:41	0° E	
retrograde	-12215 Aug 01 j 17:13	14° II 11'27		max. Earth dist.	-12212 Jan 12 j 23:19	26° E 05'11	1.73788 AU
evening set	-12215 Aug 19 j 02:00	8° II 13'26					
inferior conj	-12215 Aug 22 j 11:52	6° II 05'25	-8°02'51	superior conj	-12212 Jan 16 j 08:42	0° M 14'48	-1°18'09
minimum elong	-12215 Aug 22 j 19:10	5° II 53'52	8°01'17	minimum elong	-12212 Jan 16 j 04:57	0° M 03'18	1°18'28
min. Earth dist.	-12215 Aug 21 j 20:11	6° II 30'11	0.27075 AU		-12212 Jan 16 j 03:52	0° M	
morning rise	-12215 Aug 26 j 12:40	3° II 36'08			-12212 Feb 09 j 12:55	0° A	
	-12215 Sep 02 j 20:28	30° R B		evening rise	-12212 Feb 20 j 10:52	13° A 28'21	
direct	-12215 Sep 11 j 18:32	28° B 20'17			-12212 Mar 04 j 19:51	0° Z	
greatest brilliancy	-12215 Sep 21 j 03:59	0° II 02'41	-4.9m	asc. node	-12212 Mar 19 j 15:28	18° Z 19'06	
	-12215 Sep 21 j 00:54	0° II			-12212 Mar 29 j 02:24	0° \approx	
asc. node	-12215 Oct 03 j 04:36	6° II 15'05			-12212 Apr 22 j 10:05	0° X	
	-12215 Oct 31 j 01:25	0° E			-12212 May 16 j 20:25	0° Y	
morning max el	-12215 Oct 31 j 10:30	0° E 22'24	46°12'20		-12212 Jun 10 j 11:53	0° B	
	-12215 Nov 28 j 15:10	0° Ω			-12212 Jul 05 j 13:49	0° II	
	-12215 Dec 25 j 10:00	0° M		desc. node	-12212 Jul 11 j 08:11	6° II 46'36	
	-12214 Jan 20 j 09:45	0° E			-12212 Jul 31 j 14:07	0° E	
desc. node	-12214 Jan 24 j 17:31	5° E 03'40		evening max el	-12212 Aug 21 j 13:37	22° E 33'33	47°12'44
	-12214 Feb 14 j 19:12	0° M			-12212 Aug 29 j 01:28	0° Ω	
	-12214 Mar 11 j 15:39	0° A		greatest brilliancy	-12212 Sep 30 j 20:19	24° Ω 11'22	-4.8m
	-12214 Apr 05 j 01:01	0° Z		retrograde	-12212 Oct 11 j 12:50	26° Ω 23'49	
morning set	-12214 Apr 25 j 22:31	26° Z 02'55		evening set	-12212 Oct 26 j 10:52	21° Ω 49'32	
	-12214 Apr 29 j 02:10	0° \approx		asc. node	-12212 Oct 30 j 15:42	19° Ω 15'20	
asc. node	-12214 May 15 j 14:58	20° \approx 47'19		min. Earth dist.	-12212 Nov 01 j 03:37	18° Ω 17'23	0.28527 AU
	-12214 May 22 j 22:15	0° X		inferior conj	-12212 Nov 01 j 15:16	17° Ω 58'32	0°27'47
max. Earth dist.	-12214 May 31 j 22:11	11° X 21'49	1.70931 AU	minimum elong	-12212 Nov 01 j 14:17	18° Ω 00'06	0°28'01
				morning rise	-12212 Nov 07 j 18:23	14° Ω 10'15	
superior conj	-12214 Jun 02 j 04:41	12° X 58'07	0°39'20	direct	-12212 Nov 22 j 17:38	9° Ω 39'41	
minimum elong	-12214 Jun 01 j 20:49	12° X 33'17	0°38'45	greatest brilliancy	-12212 Dec 01 j 19:37	11° Ω 11'34	-4.7m
	-12214 Jun 15 j 16:09	0° Y			-12212 Dec 31 j 01:21	0° M	
	-12214 Jul 09 j 10:33	0° B		morning max el	-12211 Jan 10 j 12:46	9° M 29'30	46°00'36
evening rise	-12214 Jul 12 j 00:42	3° B 15'42			-12211 Jan 30 j 23:15	0° E	
	-12214 Aug 02 j 07:47	0° II		desc. node	-12211 Feb 21 j 06:43	23° E 07'29	
	-12214 Aug 26 j 09:41	0° E			-12211 Feb 27 j 09:35	0° M	
desc. node	-12214 Sep 06 j 03:13	13° E 16'33			-12211 Mar 25 j 07:31	0° A	
	-12214 Sep 19 j 17:23	0° Ω			-12211 Apr 19 j 06:42	0° Z	
	-12214 Oct 14 j 08:01	0° M			-12211 May 13 j 14:40	0° \approx	
	-12214 Nov 08 j 08:50	0° E			-12211 Jun 06 j 13:03	0° X	
	-12214 Dec 04 j 04:43	0° M		greatest brilliancy	-12211 Jun 09 j 15:33	3° X 54'48	-3.9m
asc. node	-12214 Dec 26 j 09:34	24° M 23'19		asc. node	-12211 Jun 12 j 04:52	7° X 08'16	
	-12214 Dec 31 j 18:42	0° A			-12211 Jun 30 j 06:36	0° Y	
evening max el	-12213 Jan 13 j 11:39	12° A 35'00	44°51'46	morning set	-12211 Jul 07 j 03:09	8° Y 40'57	
	-12213 Feb 03 j 01:35	0° Z			-12211 Jul 23 j 23:20	0° B	
greatest brilliancy	-12213 Feb 20 j 12:48	9° Z 34'12	-4.7m		-12211 Aug 16 j 18:27	0° II	
retrograde	-12213 Mar 02 j 12:09	11° Z 19'42					
evening set	-12213 Mar 18 j 16:27	6° Z 32'00		superior conj	-12211 Aug 17 j 21:27	1° II 24'48	1°19'31
inferior conj	-12213 Mar 23 j 17:34	3° Z 36'02	5°37'22	minimum elong	-12211 Aug 18 j 04:04	1° II 45'37	1°20'03
minimum elong	-12213 Mar 24 j 02:55	3° Z 21'58	5°34'41	max. Earth dist.	-12211 Aug 25 j 04:29	10° II 33'45	1.71326 AU
min. Earth dist.	-12213 Mar 25 j 02:23	2° Z 46'44	0.28071 AU		-12211 Sep 09 j 17:58	0° E	
morning rise	-12213 Mar 29 j 12:24	0° Z 13'08		evening rise	-12211 Sep 30 j 09:59	25° E 39'05	
	-12213 Mar 29 j 22:05	30° R A		desc. node	-12211 Oct 03 j 15:18	29° E 37'57	
direct	-12213 Apr 14 j 07:29	25° A 31'26			-12211 Oct 03 j 22:26	0° Ω	
desc. node	-12213 Apr 19 j 04:07	25° A 58'01			-12211 Oct 28 j 07:13	0° M	
greatest brilliancy	-12213 Apr 26 j 04:05	28° A 01'44	-4.8m		-12211 Nov 21 j 19:47	0° E	
	-12213 Apr 30 j 10:45	0° Z			-12211 Dec 16 j 13:20	0° M	
morning max el	-12213 Jun 03 j 14:05	27° Z 35'46	46°36'56		-12210 Jan 10 j 15:54	0° A	
	-12213 Jun 05 j 23:04	0° \approx		asc. node	-12210 Jan 22 j 19:38	14° A 16'21	
	-12213 Jul 03 j 08:49	0° X			-12210 Feb 05 j 10:47	0° Z	
	-12213 Jul 28 j 17:24	0° Y			-12210 Mar 04 j 11:13	0° \approx	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

evening max el	-12210 Mar 27 j 15:47	23° \approx 43'27	46°11'31			-12208 Sep 24 j 05:51	0° \mathfrak{C}	
	-12210 Apr 03 j 08:42	0° \mathfrak{H}				-12208 Oct 18 j 11:37	0° \mathcal{O}	
greatest brilliancy	-12210 May 06 j 13:59	22° \mathfrak{H} 45'07	-4.9m	desc. node		-12208 Oct 31 j 04:18	15° \mathcal{O} 37'47	
retrograde	-12210 May 16 j 09:46	24° \mathfrak{H} 30'01						
desc. node	-12210 May 16 j 14:47	24° \mathfrak{H} 29'58		superior conj		-12208 Nov 04 j 00:21	20° \mathcal{O} 20'36	-0°08'38
evening set	-12210 May 31 j 03:49	20° \mathfrak{H} 20'46		minimum elong		-12208 Nov 03 j 22:22	20° \mathcal{O} 14'32	0°08'04
inferior conj	-12210 Jun 06 j 03:07	16° \mathfrak{H} 57'02	-4°48'33	behind sun begin		-12208 Nov 03 j 00:04	19° \mathcal{O} 06'00	
minimum elong	-12210 Jun 05 j 17:44	17° \mathfrak{H} 10'54	4°46'18	behind sun end		-12208 Nov 04 j 20:41	21° \mathcal{O} 23'05	
min. Earth dist.	-12210 Jun 05 j 18:33	17° \mathfrak{H} 09'42	0.26376 AU	max. Earth dist.		-12208 Nov 06 j 18:40	23° \mathcal{O} 44'20	1.73254 AU
morning rise	-12210 Jun 11 j 07:37	13° \mathfrak{H} 58'55				-12208 Nov 11 j 21:02	0° \mathfrak{M}	
direct	-12210 Jun 26 j 13:40	9° \mathfrak{H} 30'17				-12208 Dec 06 j 08:02	0° \mathfrak{L}	
greatest brilliancy	-12210 Jul 07 j 05:51	11° \mathfrak{H} 39'17	-4.9m	evening rise		-12208 Dec 12 j 20:06	7° \mathfrak{L} 58'24	
	-12210 Aug 02 j 22:01	0° \mathfrak{Y}				-12208 Dec 30 j 19:23	0° \mathfrak{M}	
morning max el	-12210 Aug 16 j 04:09	12° \mathfrak{Y} 49'58	46°35'59			-12207 Jan 24 j 07:46	0° \mathfrak{J}	
	-12210 Sep 01 j 06:15	0° \mathfrak{B}				-12207 Feb 17 j 23:29	0° \mathfrak{Z}	
asc. node	-12210 Sep 04 j 19:10	3° \mathfrak{B} 56'02		asc. node		-12207 Feb 19 j 06:15	1° \mathfrak{Z} 33'11	
	-12210 Sep 27 j 12:43	0° \mathfrak{I}				-12207 Mar 14 j 21:17	0° \approx	
	-12210 Oct 22 j 22:39	0° \mathfrak{C}				-12207 Apr 09 j 04:07	0° \mathfrak{H}	
	-12210 Nov 17 j 03:03	0° \mathcal{O}				-12207 May 05 j 01:42	0° \mathfrak{Y}	
	-12210 Dec 12 j 05:40	0° \mathfrak{M}				-12207 Jun 01 j 07:43	0° \mathfrak{B}	
desc. node	-12210 Dec 27 j 05:47	17° \mathfrak{M} 59'17		evening max el		-12207 Jun 09 j 04:51	8° \mathfrak{B} 07'40	47°48'43
	-12209 Jan 06 j 05:18	0° \mathfrak{L}		desc. node		-12207 Jun 13 j 00:37	11° \mathfrak{B} 56'17	
	-12209 Jan 30 j 23:29	0° \mathfrak{M}				-12207 Jul 03 j 10:45	0° \mathfrak{I}	
morning set	-12209 Feb 16 j 04:11	19° \mathfrak{M} 48'47		greatest brilliancy		-12207 Jul 20 j 21:42	10° \mathfrak{I} 03'26	-4.9m
	-12209 Feb 24 j 10:54	0° \mathfrak{J}		retrograde		-12207 Jul 30 j 06:27	11° \mathfrak{I} 44'52	
max. Earth dist.	-12209 Mar 18 j 13:30	27° \mathfrak{J} 22'17	1.72621 AU	evening set		-12207 Aug 16 j 18:10	5° \mathfrak{I} 44'15	
	-12209 Mar 20 j 16:14	0° \mathfrak{Z}		min. Earth dist.		-12207 Aug 19 j 09:56	4° \mathfrak{I} 04'54	0.27036 AU
				inferior conj		-12207 Aug 20 j 01:40	3° \mathfrak{I} 40'05	-8°11'34
superior conj	-12209 Mar 23 j 02:46	3° \mathfrak{Z} 02'01	-0°53'04	minimum elong		-12207 Aug 20 j 08:25	3° \mathfrak{I} 29'27	8°10'10
minimum elong	-12209 Mar 23 j 10:24	3° \mathfrak{Z} 25'48	0°53'31	morning rise		-12207 Aug 23 j 22:55	1° \mathfrak{I} 16'09	
	-12209 Apr 13 j 17:23	0° \approx				-12207 Aug 26 j 04:23	30° \mathfrak{R} \mathfrak{B}	
asc. node	-12209 Apr 17 j 04:02	4° \approx 18'22		direct		-12207 Sep 09 j 07:28	25° \mathfrak{B} 56'00	
evening rise	-12209 Apr 27 j 20:15	17° \approx 40'08		greatest brilliancy		-12207 Sep 18 j 18:24	27° \mathfrak{B} 39'18	-4.9m
	-12209 May 07 j 16:28	0° \mathfrak{H}				-12207 Sep 24 j 04:45	0° \mathfrak{I}	
	-12209 May 31 j 15:23	0° \mathfrak{Y}		asc. node		-12207 Oct 02 j 07:02	4° \mathfrak{I} 53'14	
	-12209 Jun 24 j 15:59	0° \mathfrak{B}		morning max el		-12207 Oct 28 j 23:43	27° \mathfrak{I} 59'36	46°13'01
	-12209 Jul 18 j 20:32	0° \mathfrak{I}				-12207 Oct 31 j 00:05	0° \mathfrak{C}	
desc. node	-12209 Aug 08 j 18:23	25° \mathfrak{I} 39'31				-12207 Nov 28 j 07:24	0° \mathcal{O}	
	-12209 Aug 12 j 07:59	0° \mathfrak{C}				-12207 Dec 24 j 23:46	0° \mathfrak{M}	
	-12209 Sep 06 j 06:43	0° \mathcal{O}				-12206 Jan 19 j 22:14	0° \mathfrak{L}	
	-12209 Oct 02 j 02:13	0° \mathfrak{M}		desc. node		-12206 Jan 23 j 19:36	4° \mathfrak{L} 33'37	
	-12209 Oct 29 j 23:04	0° \mathfrak{L}				-12206 Feb 14 j 06:55	0° \mathfrak{M}	
evening max el	-12209 Nov 01 j 03:51	2° \mathfrak{L} 11'22	45°26'19			-12206 Mar 11 j 02:58	0° \mathfrak{J}	
asc. node	-12209 Nov 28 j 02:01	24° \mathfrak{L} 56'09				-12206 Apr 04 j 12:08	0° \mathfrak{Z}	
	-12209 Dec 07 j 09:24	0° \mathfrak{M}		morning set		-12206 Apr 23 j 16:12	23° \mathfrak{Z} 53'17	
greatest brilliancy	-12209 Dec 08 j 14:37	0° \mathfrak{M} 29'51	-4.7m			-12206 Apr 28 j 13:14	0° \approx	
retrograde	-12209 Dec 19 j 21:20	2° \mathfrak{M} 48'35		asc. node		-12206 May 14 j 17:13	20° \approx 19'32	
	-12209 Dec 31 j 18:30	30° \mathfrak{R} \mathfrak{L}				-12206 May 22 j 09:20	0° \mathfrak{H}	
evening set	-12208 Jan 05 j 18:31	27° \mathfrak{L} 19'51		max. Earth dist.		-12206 May 29 j 08:26	8° \mathfrak{H} 47'27	1.70967 AU
inferior conj	-12208 Jan 10 j 07:14	24° \mathfrak{L} 30'47	7°32'43					
minimum elong	-12208 Jan 10 j 01:05	24° \mathfrak{L} 40'35	7°31'48	superior conj		-12206 May 30 j 19:02	10° \mathfrak{H} 36'46	0°36'14
min. Earth dist.	-12208 Jan 10 j 13:44	24° \mathfrak{L} 20'27	0.29574 AU	minimum elong		-12206 May 30 j 11:43	10° \mathfrak{H} 13'37	0°35'38
morning rise	-12208 Jan 14 j 07:36	21° \mathfrak{L} 59'47				-12206 Jun 15 j 03:18	0° \mathfrak{Y}	
direct	-12208 Feb 01 j 07:47	15° \mathfrak{L} 57'33				-12206 Jul 08 j 21:47	0° \mathfrak{B}	
greatest brilliancy	-12208 Feb 11 j 04:17	17° \mathfrak{L} 41'53	-4.7m	evening rise		-12206 Jul 09 j 10:48	0° \mathfrak{B} 41'01	
	-12208 Mar 03 j 06:02	0° \mathfrak{M}				-12206 Aug 01 j 19:08	0° \mathfrak{I}	
desc. node	-12208 Mar 20 j 19:00	15° \mathfrak{M} 18'17				-12206 Aug 25 j 21:12	0° \mathfrak{C}	
morning max el	-12208 Mar 21 j 12:26	16° \mathfrak{M} 00'01	46°13'34	desc. node		-12206 Sep 05 j 05:30	12° \mathfrak{C} 47'55	
	-12208 Apr 04 j 10:33	0° \mathfrak{J}				-12206 Sep 19 j 05:06	0° \mathcal{O}	
	-12208 May 01 j 14:44	0° \mathfrak{Z}				-12206 Oct 13 j 20:07	0° \mathfrak{M}	
	-12208 May 26 j 23:59	0° \approx				-12206 Nov 07 j 21:43	0° \mathfrak{L}	
	-12208 Jun 20 j 11:28	0° \mathfrak{H}				-12206 Dec 03 j 19:19	0° \mathfrak{M}	
asc. node	-12208 Jul 09 j 18:52	24° \mathfrak{H} 05'33		asc. node		-12206 Dec 25 j 11:50	23° \mathfrak{M} 42'31	
	-12208 Jul 14 j 11:49	0° \mathfrak{Y}				-12206 Dec 31 j 13:47	0° \mathfrak{J}	
	-12208 Aug 07 j 07:58	0° \mathfrak{B}		evening max el		-12205 Jan 11 j 01:52	10° \mathfrak{J} 20'21	44°50'58
	-12208 Aug 31 j 04:56	0° \mathfrak{I}				-12205 Feb 03 j 21:07	0° \mathfrak{Z}	
morning set	-12208 Sep 23 j 07:26	28° \mathfrak{I} 50'24		greatest brilliancy		-12205 Feb 18 j 01:20	7° \mathfrak{Z} 18'49	-4.7m

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

retrograde	-12205 Feb 28 j 02:40	9° Z 05'58		morning set	-12203 Jul 04 j 14:04	6° Y 07'24	
evening set	-12205 Mar 16 j 09:18	4° Z 13'36			-12203 Jul 23 j 10:45	0° B	
inferior conj	-12205 Mar 21 j 07:56	1° Z 20'49	5°51'45				
minimum elong	-12205 Mar 21 j 17:19	1° Z 06'42	5°49'08	superior conj	-12203 Aug 15 j 05:36	28° B 43'49	1°20'35
min. Earth dist.	-12205 Mar 22 j 16:53	0° Z 31'17	0.28157 AU	minimum elong	-12203 Aug 15 j 11:12	29° B 01'24	1°21'08
	-12205 Mar 23 j 13:50	30° R Z			-12203 Aug 16 j 05:51	0° II	
morning rise	-12205 Mar 27 j 00:25	28° Z 01'07		max. Earth dist.	-12203 Aug 22 j 12:11	7° II 51'45	1.71263 AU
direct	-12205 Apr 11 j 22:51	23° Z 14'24			-12203 Sep 09 j 05:21	0° G	
desc. node	-12205 Apr 18 j 06:28	23° Z 59'03		evening rise	-12203 Sep 27 j 19:01	23° G 03'26	
greatest brilliancy	-12205 Apr 23 j 19:05	25° Z 44'38	-4.8m	desc. node	-12203 Oct 02 j 17:35	29° G 09'57	
	-12205 May 02 j 03:14	0° Z			-12203 Oct 03 j 09:47	0° Q	
morning max el	-12205 Jun 01 j 05:47	25° Z 17'41	46°36'31		-12203 Oct 27 j 18:36	0° P	
	-12205 Jun 05 j 20:35	0° \approx			-12203 Nov 21 j 07:19	0° L	
	-12205 Jul 03 j 00:50	0° H			-12203 Dec 16 j 01:17	0° M	
	-12205 Jul 28 j 07:17	0° Y			-12202 Jan 10 j 04:41	0° Z	
asc. node	-12205 Aug 07 j 08:31	12° Y 13'54		asc. node	-12202 Jan 21 j 21:51	13° Z 43'46	
	-12205 Aug 21 j 19:44	0° B			-12202 Feb 05 j 01:12	0° Z	
	-12205 Sep 15 j 02:37	0° II			-12202 Mar 04 j 05:12	0° \approx	
	-12205 Oct 09 j 10:34	0° G		evening max el	-12202 Mar 25 j 05:41	21° \approx 22'34	46°07'28
	-12205 Nov 02 j 22:03	0° Q			-12202 Apr 03 j 13:49	0° H	
	-12205 Nov 27 j 12:19	0° P		greatest brilliancy	-12202 May 04 j 01:08	20° H 15'13	-4.8m
desc. node	-12205 Nov 28 j 17:55	1° P 30'08		retrograde	-12202 May 13 j 21:07	21° H 59'36	
morning set	-12205 Dec 07 j 17:09	12° P 26'00		desc. node	-12202 May 15 j 16:56	21° H 55'43	
	-12205 Dec 22 j 02:43	0° L		evening set	-12202 May 28 j 13:02	17° H 54'14	
max. Earth dist.	-12204 Jan 10 j 21:49	24° L 13'20	1.73806 AU	inferior conj	-12202 Jun 03 j 14:36	14° H 27'27	-4°27'51
				minimum elong	-12202 Jun 03 j 05:38	14° H 40'41	4°25'41
superior conj	-12204 Jan 14 j 03:37	28° L 11'59	-1°17'25	min. Earth dist.	-12202 Jun 03 j 07:28	14° H 37'59	0.26388 AU
minimum elong	-12204 Jan 13 j 23:20	27° L 58'51	1°17'41	morning rise	-12202 Jun 08 j 22:11	11° H 25'06	
	-12204 Jan 15 j 14:49	0° M		direct	-12202 Jun 24 j 02:08	7° H 00'36	
	-12204 Feb 08 j 23:54	0° Z		greatest brilliancy	-12202 Jul 04 j 19:13	9° H 10'02	-4.9m
evening rise	-12204 Feb 18 j 06:51	11° Z 27'52			-12202 Aug 03 j 03:56	0° Y	
	-12204 Mar 04 j 07:00	0° Z		morning max el	-12202 Aug 13 j 16:09	10° Y 18'24	46°36'28
asc. node	-12204 Mar 18 j 17:50	17° Z 51'29			-12202 Sep 01 j 00:47	0° B	
	-12204 Mar 28 j 13:50	0° \approx		asc. node	-12202 Sep 03 j 21:33	3° B 12'24	
	-12204 Apr 21 j 21:59	0° H			-12202 Sep 27 j 03:50	0° II	
	-12204 May 16 j 08:55	0° Y			-12202 Oct 22 j 12:08	0° G	
	-12204 Jun 10 j 01:13	0° B			-12202 Nov 16 j 15:33	0° Q	
	-12204 Jul 05 j 04:25	0° II			-12202 Dec 11 j 17:32	0° P	
desc. node	-12204 Jul 10 j 10:23	6° II 09'15		desc. node	-12202 Dec 26 j 07:53	17° P 30'47	
	-12204 Jul 31 j 07:18	0° G			-12201 Jan 05 j 16:45	0° L	
evening max el	-12204 Aug 19 j 06:17	20° G 18'39	47°16'18		-12201 Jan 30 j 10:39	0° M	
	-12204 Aug 29 j 02:42	0° Q		morning set	-12201 Feb 13 j 23:43	17° M 47'29	
greatest brilliancy	-12204 Sep 28 j 13:58	21° Q 58'49	-4.8m		-12201 Feb 23 j 21:58	0° Z	
retrograde	-12204 Oct 09 j 06:33	24° Q 11'11		max. Earth dist.	-12201 Mar 16 j 06:40	25° Z 12'11	1.72684 AU
evening set	-12204 Oct 24 j 04:25	19° Q 35'57			-12201 Mar 20 j 03:18	0° Z	
asc. node	-12204 Oct 29 j 17:57	16° Q 08'47					
inferior conj	-12204 Oct 30 j 08:06	15° Q 45'52	0°08'18	superior conj	-12201 Mar 20 j 22:25	0° Z 59'25	-0°55'14
minimum elong	-12204 Oct 30 j 07:48	15° Q 46'22	0°08'44	minimum elong	-12201 Mar 21 j 06:05	1° Z 23'15	0°55'41
transit middle	-12204 Oct 30 j 07:48	15° Q 46'22	0°08'44		-12201 Apr 13 j 04:35	0° \approx	
transit begin	-12204 Oct 30 j 04:25	15° Q 51'51		asc. node	-12201 Apr 16 j 06:15	3° \approx 50'15	
transit end	-12204 Oct 30 j 11:11	15° Q 40'53		evening rise	-12201 Apr 25 j 13:53	15° \approx 29'42	
min. Earth dist.	-12204 Oct 29 j 19:59	16° Q 05'30	0.28473 AU		-12201 May 07 j 03:52	0° H	
morning rise	-12204 Nov 05 j 11:58	11° Q 57'00			-12201 May 31 j 03:02	0° Y	
direct	-12204 Nov 20 j 10:02	7° Q 27'59			-12201 Jun 24 j 03:56	0° B	
greatest brilliancy	-12204 Nov 29 j 11:11	8° Q 59'49	-4.7m		-12201 Jul 18 j 08:51	0° II	
	-12204 Dec 31 j 04:51	0° P		desc. node	-12201 Aug 07 j 20:42	25° II 07'40	
morning max el	-12203 Jan 08 j 06:00	7° P 22'57	46°00'26		-12201 Aug 11 j 20:50	0° G	
	-12203 Jan 30 j 16:21	0° L			-12201 Sep 05 j 20:31	0° Q	
desc. node	-12203 Feb 20 j 08:56	22° L 32'58			-12201 Oct 01 j 17:57	0° P	
	-12203 Feb 26 j 23:38	0° M			-12201 Oct 29 j 20:23	0° L	
	-12203 Mar 24 j 20:13	0° Z		evening max el	-12201 Oct 29 j 19:10	29° P 56'59	45°29'24
	-12203 Apr 18 j 18:43	0° \approx		asc. node	-12201 Nov 27 j 04:17	23° L 41'20	
	-12203 May 13 j 02:18	0° \approx		greatest brilliancy	-12201 Dec 06 j 08:33	28° L 24'22	-4.7m
	-12203 Jun 06 j 00:31	0° H			-12201 Dec 11 j 10:54	0° M	
greatest brilliancy	-12203 Jun 09 j 16:11	4° H 36'22	-3.9m	retrograde	-12201 Dec 17 j 14:34	0° M 43'09	
asc. node	-12203 Jun 11 j 06:58	6° H 38'44			-12201 Dec 23 j 14:15	30° R L	
	-12203 Jun 29 j 18:01	0° Y		evening set	-12200 Jan 03 j 09:52	25° L 17'25	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

inferior conj	-12200 Jan 08 j 00:53	22° Ω 24'46	7°25'49	superior conj	-12198 May 28 j 09:41	8° Υ 15'46	0°33'05
minimum elong	-12200 Jan 07 j 18:17	22° Ω 35'18	7°24'50	minimum elong	-12198 May 28 j 02:56	7° Υ 54'29	0°32'30
min. Earth dist.	-12200 Jan 08 j 06:31	22° Ω 15'48	0.29571 AU		-12198 Jun 14 j 14:40	0° Υ	
morning rise	-12200 Jan 12 j 02:38	19° Ω 51'19		evening rise	-12198 Jul 06 j 20:59	28° Υ 05'40	
direct	-12200 Jan 30 j 00:32	13° Ω 51'26			-12198 Jul 08 j 09:17	0° Υ	
greatest brilliancy	-12200 Feb 08 j 20:21	15° Ω 34'41	-4.7m		-12198 Aug 01 j 06:47	0° Π	
	-12200 Mar 03 j 15:17	0° \mathbb{M}			-12198 Aug 25 j 09:00	0° \mathfrak{D}	
morning max el	-12200 Mar 19 j 03:38	13° \mathbb{M} 47'33	46°12'43	desc. node	-12198 Sep 04 j 07:47	12° \mathfrak{D} 18'22	
desc. node	-12200 Mar 19 j 21:19	14° \mathbb{M} 30'02			-12198 Sep 18 j 17:07	0° Ω	
	-12200 Apr 04 j 04:42	0° \mathfrak{Z}			-12198 Oct 13 j 08:30	0° \mathfrak{M}	
	-12200 May 01 j 05:22	0° \mathfrak{Z}			-12198 Nov 07 j 10:54	0° Ω	
	-12200 May 26 j 13:11	0° \approx			-12198 Dec 03 j 10:17	0° \mathbb{M}	
	-12200 Jun 19 j 23:58	0° Υ		asc. node	-12198 Dec 24 j 14:09	23° \mathbb{M} 00'53	
asc. node	-12200 Jul 08 j 21:02	23° Υ 34'14			-12198 Dec 31 j 09:35	0° \mathfrak{Z}	
	-12200 Jul 13 j 23:54	0° Υ		evening max el	-12197 Jan 08 j 17:16	8° \mathfrak{Z} 08'21	44°50'25
	-12200 Aug 06 j 19:47	0° Υ			-12197 Feb 04 j 23:39	0° \mathfrak{Z}	
	-12200 Aug 30 j 16:34	0° Π		greatest brilliancy	-12197 Feb 15 j 14:13	5° \mathfrak{Z} 04'27	-4.7m
morning set	-12200 Sep 20 j 17:19	26° Π 16'02		retrograde	-12197 Feb 25 j 17:41	6° \mathfrak{Z} 53'06	
	-12200 Sep 23 j 17:21	0° \mathfrak{D}		evening set	-12197 Mar 14 j 02:32	1° \mathfrak{Z} 56'26	
	-12200 Oct 17 j 23:00	0° Ω			-12197 Mar 17 j 11:06	30° \mathfrak{R} \mathfrak{Z}	
desc. node	-12200 Oct 30 j 06:21	15° Ω 09'16		inferior conj	-12197 Mar 18 j 22:41	29° \mathfrak{Z} 06'38	6°05'15
				minimum elong	-12197 Mar 19 j 08:02	28° \mathfrak{Z} 52'33	6°02'45
superior conj	-12200 Nov 01 j 12:53	17° Ω 56'52	-0°05'08	min. Earth dist.	-12197 Mar 20 j 07:23	28° \mathfrak{Z} 17'25	0.28237 AU
minimum elong	-12200 Nov 01 j 11:45	17° Ω 53'23	0°04'34	morning rise	-12197 Mar 24 j 12:42	25° \mathfrak{Z} 50'11	
behind sun begin	-12200 Oct 31 j 11:00	16° Ω 37'18		direct	-12197 Apr 09 j 14:57	20° \mathfrak{Z} 58'47	
behind sun end	-12200 Nov 02 j 12:30	19° Ω 09'27		desc. node	-12197 Apr 17 j 08:31	22° \mathfrak{Z} 05'12	
max. Earth dist.	-12200 Nov 04 j 13:15	21° Ω 39'12	1.73199 AU	greatest brilliancy	-12197 Apr 21 j 09:31	23° \mathfrak{Z} 27'49	-4.8m
	-12200 Nov 11 j 08:20	0° \mathfrak{M}			-12197 May 03 j 07:11	0° \mathfrak{Z}	
	-12200 Dec 05 j 19:16	0° Ω		morning max el	-12197 May 29 j 21:51	23° \mathfrak{Z} 01'05	46°35'52
evening rise	-12200 Dec 10 j 13:20	5° Ω 49'41			-12197 Jun 05 j 17:17	0° \approx	
	-12200 Dec 30 j 06:39	0° \mathbb{M}			-12197 Jul 02 j 16:37	0° Υ	
	-12199 Jan 23 j 19:15	0° \mathfrak{Z}			-12197 Jul 27 j 21:09	0° Υ	
	-12199 Feb 17 j 11:26	0° \mathfrak{Z}		asc. node	-12197 Aug 06 j 10:50	11° Υ 39'52	
asc. node	-12199 Feb 18 j 08:42	1° \mathfrak{Z} 04'18			-12197 Aug 21 j 08:39	0° Υ	
	-12199 Mar 14 j 10:03	0° \approx			-12197 Sep 14 j 14:59	0° Π	
	-12199 Apr 08 j 18:12	0° Υ			-12197 Oct 08 j 22:31	0° \mathfrak{D}	
	-12199 May 04 j 18:03	0° Υ			-12197 Nov 02 j 09:40	0° Ω	
	-12199 Jun 01 j 05:10	0° Υ			-12197 Nov 26 j 23:39	0° \mathfrak{M}	
evening max el	-12199 Jun 06 j 17:47	5° \mathfrak{Z} 39'26	47°46'56	desc. node	-12197 Nov 27 j 20:02	1° \mathfrak{M} 02'09	
desc. node	-12199 Jun 12 j 02:54	10° \mathfrak{Z} 58'56		morning set	-12197 Dec 05 j 08:19	10° \mathfrak{M} 11'36	
	-12199 Jul 04 j 09:41	0° Π			-12197 Dec 21 j 13:51	0° Ω	
greatest brilliancy	-12199 Jul 18 j 12:10	7° Π 35'41	-4.9m	max. Earth dist.	-12196 Jan 08 j 21:22	22° Ω 24'30	1.73818 AU
retrograde	-12199 Jul 27 j 19:38	9° Π 16'18					
evening set	-12199 Aug 14 j 09:46	3° Π 13'16		superior conj	-12196 Jan 11 j 22:19	26° Ω 08'13	-1°16'34
min. Earth dist.	-12199 Aug 16 j 23:21	1° Π 37'36	0.26996 AU	minimum elong	-12196 Jan 11 j 17:32	25° Ω 53'30	1°16'48
inferior conj	-12199 Aug 17 j 15:10	1° Π 12'43	-8°19'22		-12196 Jan 15 j 01:52	0° \mathbb{M}	
minimum elong	-12199 Aug 17 j 21:16	1° Π 03'08	8°18'09		-12196 Feb 08 j 10:59	0° \mathfrak{Z}	
	-12199 Aug 19 j 13:40	30° \mathfrak{R} \mathfrak{Z}		evening rise	-12196 Feb 16 j 02:56	9° \mathfrak{Z} 27'27	
morning rise	-12199 Aug 21 j 08:59	28° \mathfrak{Z} 54'11			-12196 Mar 03 j 18:12	0° \mathfrak{Z}	
direct	-12199 Sep 06 j 19:56	23° \mathfrak{Z} 29'32		asc. node	-12196 Mar 17 j 20:05	17° \mathfrak{Z} 23'25	
greatest brilliancy	-12199 Sep 16 j 08:34	25° \mathfrak{Z} 14'07	-4.9m		-12196 Mar 28 j 01:19	0° \approx	
	-12199 Sep 26 j 01:55	0° Π			-12196 Apr 21 j 09:53	0° Υ	
asc. node	-12199 Oct 01 j 09:16	3° Π 32'24			-12196 May 15 j 21:24	0° Υ	
morning max el	-12199 Oct 26 j 13:22	25° Π 36'45	46°13'54		-12196 Jun 09 j 14:34	0° Υ	
	-12199 Oct 30 j 22:15	0° \mathfrak{D}			-12196 Jul 04 j 19:10	0° Π	
	-12199 Nov 27 j 23:38	0° Ω		desc. node	-12196 Jul 09 j 12:41	5° Π 31'51	
	-12199 Dec 24 j 13:38	0° \mathfrak{M}			-12196 Jul 31 j 00:54	0° \mathfrak{D}	
	-12198 Jan 19 j 10:50	0° Ω		evening max el	-12196 Aug 16 j 23:21	18° \mathfrak{D} 04'06	47°19'25
desc. node	-12198 Jan 22 j 21:47	4° Ω 03'20			-12196 Aug 29 j 05:36	0° Ω	
	-12198 Feb 13 j 18:47	0° \mathbb{M}		greatest brilliancy	-12196 Sep 26 j 07:43	19° Ω 44'58	-4.9m
	-12198 Mar 10 j 14:24	0° \mathfrak{Z}		retrograde	-12196 Oct 06 j 23:52	21° Ω 56'29	
	-12198 Apr 03 j 23:22	0° \mathfrak{Z}		evening set	-12196 Oct 21 j 21:48	17° Ω 20'31	
morning set	-12198 Apr 21 j 10:21	21° \mathfrak{Z} 44'54		min. Earth dist.	-12196 Oct 27 j 12:06	13° Ω 51'38	0.28416 AU
	-12198 Apr 28 j 00:26	0° \approx		inferior conj	-12196 Oct 28 j 00:35	13° Ω 31'24	-0°11'30
asc. node	-12198 May 13 j 19:20	19° \approx 50'56		minimum elong	-12196 Oct 28 j 00:58	13° Ω 30'47	0°10'51
	-12198 May 21 j 20:35	0° Υ		transit middle	-12196 Oct 28 j 00:58	13° Ω 30'47	0°10'51
max. Earth dist.	-12198 May 26 j 20:36	6° Υ 18'43	1.71013 AU	transit begin	-12196 Oct 27 j 21:57	13° Ω 35'40	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

transit end	-12196 Oct 28 j 03:58	13°Ω25'55		evening rise	-12193 Apr 23 j 07:35	13°≈20'12	
asc. node	-12196 Oct 28 j 20:10	12°Ω59'44			-12193 May 06 j 15:06	0°✠	
morning rise	-12196 Nov 03 j 05:02	9°Ω42'01			-12193 May 30 j 14:30	0°Υ	
direct	-12196 Nov 18 j 02:14	5°Ω14'46			-12193 Jun 23 j 15:40	0°♄	
greatest brilliancy	-12196 Nov 27 j 02:16	6°Ω46'07	-4.8m		-12193 Jul 17 j 20:56	0°♂	
	-12196 Dec 31 j 07:06	0°♐		desc. node	-12193 Aug 06 j 23:01	24°♂36'39	
morning max el	-12195 Jan 05 j 22:31	5°♐14'10	46°00'24		-12193 Aug 11 j 09:26	0°♄	
	-12195 Jan 30 j 09:13	0°♌			-12193 Sep 05 j 10:04	0°♌	
desc. node	-12195 Feb 19 j 11:10	21°♌58'43			-12193 Oct 01 j 09:33	0°♐	
	-12195 Feb 26 j 13:34	0°♍		evening max el	-12193 Oct 27 j 10:00	27°♐42'01	45°32'23
	-12195 Mar 24 j 08:49	0°♈			-12193 Oct 29 j 18:12	0°♌	
	-12195 Apr 18 j 06:37	0°♄		asc. node	-12193 Nov 26 j 06:36	22°♌24'40	
	-12195 May 12 j 13:50	0°≈		greatest brilliancy	-12193 Dec 04 j 01:45	26°♌18'00	-4.7m
	-12195 Jun 05 j 11:52	0°✠		retrograde	-12193 Dec 15 j 07:48	28°♌37'39	
greatest brilliancy	-12195 Jun 09 j 14:59	5°✠12'33	-3.9m	evening set	-12192 Jan 01 j 00:53	23°♌14'43	
asc. node	-12195 Jun 10 j 09:12	6°✠10'04		inferior conj	-12192 Jan 05 j 18:20	20°♌18'30	7°18'17
	-12195 Jun 29 j 05:18	0°Υ		minimum elong	-12192 Jan 05 j 11:19	20°♌29'43	7°17'12
morning set	-12195 Jul 02 j 01:41	3°Υ36'33		min. Earth dist.	-12192 Jan 05 j 23:07	20°♌10'52	0.29570 AU
	-12195 Jul 22 j 22:01	0°♄		morning rise	-12192 Jan 09 j 21:39	17°♌42'31	
				direct	-12192 Jan 27 j 16:57	11°♌44'54	
superior conj	-12195 Aug 12 j 14:16	26°♄04'43	1°21'27	greatest brilliancy	-12192 Feb 06 j 12:37	13°♌27'46	-4.7m
minimum elong	-12195 Aug 12 j 18:48	26°♄18'59	1°22'01		-12192 Mar 03 j 21:57	0°♍	
	-12195 Aug 15 j 17:08	0°♂		morning max el	-12192 Mar 16 j 19:26	11°♍36'59	46°12'01
max. Earth dist.	-12195 Aug 19 j 21:11	5°♂14'01	1.71207 AU	desc. node	-12192 Mar 18 j 23:22	13°♍42'18	
	-12195 Sep 08 j 16:38	0°♄			-12192 Apr 03 j 22:17	0°♈	
evening rise	-12195 Sep 25 j 03:41	20°♄26'39			-12192 Apr 30 j 19:37	0°♄	
desc. node	-12195 Oct 01 j 19:38	28°♄41'21			-12192 May 26 j 02:01	0°≈	
	-12195 Oct 02 j 21:06	0°♌			-12192 Jun 19 j 12:07	0°✠	
	-12195 Oct 27 j 05:59	0°♐		asc. node	-12192 Jul 07 j 23:15	23°♈04'08	
	-12195 Nov 20 j 18:54	0°♌			-12192 Jul 13 j 11:40	0°Υ	
	-12195 Dec 15 j 13:15	0°♍			-12192 Aug 06 j 07:18	0°♄	
	-12194 Jan 09 j 17:30	0°♈			-12192 Aug 30 j 03:53	0°♂	
asc. node	-12194 Jan 21 j 00:17	13°♈11'42		morning set	-12192 Sep 18 j 03:21	23°♂42'58	
	-12194 Feb 04 j 15:44	0°♄			-12192 Sep 23 j 04:31	0°♄	
	-12194 Mar 03 j 23:30	0°≈			-12192 Oct 17 j 10:03	0°♌	
evening max el	-12194 Mar 22 j 18:53	19°≈00'27	46°03'30	desc. node	-12192 Oct 29 j 08:34	14°♌42'19	
	-12194 Apr 03 j 20:47	0°✠					
greatest brilliancy	-12194 May 01 j 13:01	17°✠47'00	-4.8m	superior conj	-12192 Oct 30 j 01:26	15°♌34'12	-0°01'36
retrograde	-12194 May 11 j 08:05	19°✠30'19		minimum elong	-12192 Oct 30 j 01:09	15°♌33'21	0°01'03
desc. node	-12194 May 14 j 19:14	19°✠16'21		behind sun begin	-12192 Oct 28 j 23:30	14°♌14'28	
evening set	-12194 May 25 j 22:36	15°✠28'22		behind sun end	-12192 Oct 31 j 02:48	16°♌52'12	
inferior conj	-12194 Jun 01 j 02:12	11°✠59'06	-4°06'45	max. Earth dist.	-12192 Nov 02 j 06:37	19°♌31'28	1.73145 AU
minimum elong	-12194 May 31 j 17:45	12°✠11'37	4°04'40		-12192 Nov 10 j 19:16	0°♐	
min. Earth dist.	-12194 May 31 j 20:57	12°✠06'53	0.26401 AU		-12192 Dec 05 j 06:11	0°♌	
morning rise	-12194 Jun 06 j 12:42	8°✠52'35		evening rise	-12192 Dec 08 j 06:27	3°♌41'32	
direct	-12194 Jun 21 j 14:05	4°✠31'55			-12192 Dec 29 j 17:39	0°♍	
greatest brilliancy	-12194 Jul 02 j 09:14	6°✠42'29	-4.9m		-12191 Jan 23 j 06:31	0°♈	
	-12194 Aug 03 j 07:36	0°Υ			-12191 Feb 16 j 23:13	0°♄	
morning max el	-12194 Aug 11 j 03:32	7°Υ46'06	46°37'02	asc. node	-12191 Feb 17 j 10:53	0°♄35'16	
	-12194 Aug 31 j 18:35	0°♄			-12191 Mar 13 j 22:40	0°≈	
asc. node	-12194 Sep 02 j 23:44	2°♄29'39			-12191 Apr 08 j 08:09	0°✠	
	-12194 Sep 26 j 18:31	0°♂			-12191 May 04 j 10:22	0°Υ	
	-12194 Oct 22 j 01:19	0°♄			-12191 Jun 01 j 03:00	0°♄	
	-12194 Nov 16 j 03:53	0°♌		evening max el	-12191 Jun 04 j 07:05	3°♄13'11	47°45'10
	-12194 Dec 11 j 05:18	0°♐		desc. node	-12191 Jun 11 j 05:12	10°♄01'22	
desc. node	-12194 Dec 25 j 10:06	17°♐02'54			-12191 Jul 05 j 16:30	0°♂	
	-12193 Jan 05 j 04:06	0°♌		greatest brilliancy	-12191 Jul 16 j 01:59	5°♂07'52	-4.9m
	-12193 Jan 29 j 21:43	0°♍		retrograde	-12191 Jul 25 j 09:06	6°♂48'23	
morning set	-12193 Feb 11 j 18:46	15°♍45'07		evening set	-12191 Aug 12 j 00:58	0°♂42'59	
	-12193 Feb 23 j 08:52	0°♈			-12191 Aug 13 j 04:58	30°♈	
max. Earth dist.	-12193 Mar 14 j 00:56	23°♈06'06	1.72743 AU	min. Earth dist.	-12191 Aug 14 j 12:19	29°♈11'08	0.26957 AU
				inferior conj	-12191 Aug 15 j 04:31	28°♈45'47	-8°26'24
superior conj	-12193 Mar 18 j 17:51	28°♈56'45	-0°57'20	minimum elong	-12191 Aug 15 j 09:55	28°♈37'19	8°25'19
minimum elong	-12193 Mar 19 j 01:30	29°♈20'34	0°57'48	morning rise	-12191 Aug 18 j 19:02	26°♈32'37	
	-12193 Mar 19 j 14:12	0°♄		direct	-12191 Sep 04 j 08:37	21°♈03'26	
	-12193 Apr 12 j 15:35	0°≈		greatest brilliancy	-12191 Sep 13 j 22:15	22°♈49'07	-4.9m
asc. node	-12193 Apr 15 j 08:22	3°≈22'25			-12191 Sep 27 j 08:13	0°♂	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-12191 Sep 30 j 11:24	2°II14'51			-12188 Apr 20 j 21:42	0°H		
morning max el	-12191 Oct 24 j 03:53	23°II17'02	46°14'53		-12188 May 15 j 09:53	0°Y		
	-12191 Oct 30 j 19:12	0°S			-12188 Jun 09 j 03:55	0°B		
	-12191 Nov 27 j 15:12	0°Q			-12188 Jul 04 j 09:56	0°II		
	-12191 Dec 24 j 02:59	0°M		desc. node	-12188 Jul 08 j 14:58	4°II54'26		
	-12190 Jan 18 j 23:02	0°A			-12188 Jul 30 j 18:40	0°S		
desc. node	-12190 Jan 21 j 23:57	3°A34'09		evening max el	-12188 Aug 14 j 16:02	15°S49'01	47°22'36	
	-12190 Feb 13 j 06:19	0°M			-12188 Aug 29 j 09:50	0°Q		
	-12190 Mar 10 j 01:35	0°J		greatest brilliancy	-12188 Sep 24 j 02:04	17°Q32'29	-4.9m	
	-12190 Apr 03 j 10:23	0°S		retrograde	-12188 Oct 04 j 16:56	19°Q42'19		
morning set	-12190 Apr 19 j 04:22	19°S36'54		evening set	-12188 Oct 19 j 15:25	15°Q05'39		
	-12190 Apr 27 j 11:24	0°A		min. Earth dist.	-12188 Oct 25 j 04:34	11°Q38'07	0.28357 AU	
asc. node	-12190 May 12 j 21:36	19°A23'33		inferior conj	-12188 Oct 25 j 17:10	11°Q17'41	-0°31'23	
	-12190 May 21 j 07:35	0°H		minimum elong	-12188 Oct 25 j 18:14	11°Q15'58	0°30'31	
max. Earth dist.	-12190 May 24 j 07:41	3°H47'26	1.71053 AU	asc. node	-12188 Oct 27 j 22:34	9°Q51'42		
				morning rise	-12188 Oct 31 j 21:59	7°Q27'44		
superior conj	-12190 May 26 j 00:17	5°H55'34	0°29'53	direct	-12188 Nov 15 j 18:18	3°Q02'20		
minimum elong	-12190 May 25 j 18:10	5°H36'15	0°29'18	greatest brilliancy	-12188 Nov 24 j 17:49	4°Q33'19	-4.8m	
	-12190 Jun 14 j 01:45	0°Y			-12188 Dec 31 j 07:46	0°M		
evening rise	-12190 Jul 04 j 07:17	25°Y31'39		morning max el	-12187 Jan 03 j 14:22	3°M04'18	46°00'25	
	-12190 Jul 07 j 20:30	0°B			-12187 Jan 30 j 01:32	0°A		
	-12190 Jul 31 j 18:10	0°II		desc. node	-12187 Feb 18 j 13:12	21°A24'43		
	-12190 Aug 24 j 20:32	0°S			-12187 Feb 26 j 03:11	0°M		
desc. node	-12190 Sep 03 j 09:52	11°S48'59			-12187 Mar 23 j 21:11	0°J		
	-12190 Sep 18 j 04:50	0°Q			-12187 Apr 17 j 18:21	0°S		
	-12190 Oct 12 j 20:36	0°M			-12187 May 12 j 01:16	0°A		
	-12190 Nov 06 j 23:49	0°A			-12187 Jun 04 j 23:11	0°H		
	-12190 Dec 03 j 01:04	0°M		asc. node	-12187 Jun 09 j 11:25	5°H41'25		
asc. node	-12190 Dec 23 j 16:31	22°M20'00		greatest brilliancy	-12187 Jun 09 j 12:32	5°H44'55	-3.9m	
	-12190 Dec 31 j 05:36	0°J			-12187 Jun 28 j 16:35	0°Y		
evening max el	-12189 Jan 06 j 09:08	5°J58'24	44°49'47	morning set	-12187 Jun 29 j 13:05	1°Y04'53		
	-12189 Feb 06 j 12:44	0°S			-12187 Jul 22 j 09:19	0°B		
greatest brilliancy	-12189 Feb 13 j 03:18	2°S51'11	-4.7m					
retrograde	-12189 Feb 23 j 08:16	4°S40'42		superior conj	-12187 Aug 09 j 22:42	23°B24'51	1°22'09	
	-12189 Mar 11 j 05:14	30°RJ		minimum elong	-12187 Aug 10 j 02:07	23°B35'38	1°22'41	
evening set	-12189 Mar 11 j 19:43	29°J40'01			-12187 Aug 15 j 04:24	0°II		
inferior conj	-12189 Mar 16 j 13:23	26°J53'01	6°18'10	max. Earth dist.	-12187 Aug 17 j 03:25	2°II27'36	1.71146 AU	
minimum elong	-12189 Mar 16 j 22:36	26°J39'06	6°15'46		-12187 Sep 08 j 03:53	0°S		
min. Earth dist.	-12189 Mar 17 j 21:44	26°J04'10	0.28319 AU	evening rise	-12187 Sep 22 j 11:55	17°S48'33		
morning rise	-12189 Mar 22 j 00:46	23°J39'47		desc. node	-12187 Sep 30 j 21:53	28°S13'32		
direct	-12189 Apr 07 j 07:07	18°J43'45			-12187 Oct 02 j 08:22	0°Q		
desc. node	-12189 Apr 16 j 10:49	20°J15'54			-12187 Oct 26 j 17:19	0°M		
greatest brilliancy	-12189 Apr 18 j 23:34	21°J10'51	-4.8m		-12187 Nov 20 j 06:25	0°A		
	-12189 May 04 j 03:34	0°S			-12187 Dec 15 j 01:12	0°M		
morning max el	-12189 May 27 j 13:22	20°S43'34	46°35'14		-12186 Jan 09 j 06:18	0°J		
	-12189 Jun 05 j 13:14	0°A		asc. node	-12186 Jan 20 j 02:32	12°J39'17		
	-12189 Jul 02 j 08:01	0°H			-12186 Feb 04 j 06:18	0°S		
	-12189 Jul 27 j 10:43	0°Y			-12186 Mar 03 j 18:06	0°A		
asc. node	-12189 Aug 05 j 13:01	11°Y06'18		evening max el	-12186 Mar 20 j 07:12	16°A36'50	45°59'32	
	-12189 Aug 20 j 21:16	0°B			-12186 Apr 04 j 06:02	0°H		
	-12189 Sep 14 j 03:02	0°II		greatest brilliancy	-12186 Apr 29 j 00:58	15°H19'17	-4.8m	
	-12189 Oct 08 j 10:10	0°S		retrograde	-12186 May 08 j 18:45	17°H01'43		
	-12189 Nov 01 j 21:00	0°Q		desc. node	-12186 May 13 j 21:31	16°H31'17		
	-12189 Nov 26 j 10:42	0°M		evening set	-12186 May 23 j 08:23	13°H02'16		
desc. node	-12189 Nov 26 j 22:15	0°M35'11		inferior conj	-12186 May 29 j 13:51	9°H31'08	-3°45'08	
morning set	-12189 Dec 02 j 23:36	7°M58'17		minimum elong	-12186 May 29 j 05:58	9°H42'47	3°43'11	
	-12189 Dec 21 j 00:43	0°A		min. Earth dist.	-12186 May 29 j 10:44	9°H35'45	0.26426 AU	
max. Earth dist.	-12188 Jan 06 j 21:12	20°A37'20	1.73826 AU	morning rise	-12186 Jun 04 j 03:12	6°H20'36		
				direct	-12186 Jun 19 j 01:57	2°H03'02		
superior conj	-12188 Jan 09 j 17:07	24°A05'33	-1°15'37	greatest brilliancy	-12186 Jun 30 j 00:06	4°H15'49	-4.9m	
minimum elong	-12188 Jan 09 j 11:49	23°A49'18	1°15'48		-12186 Aug 03 j 09:57	0°Y		
	-12188 Jan 14 j 12:39	0°M		morning max el	-12186 Aug 08 j 15:07	5°Y13'38	46°37'35	
	-12188 Feb 07 j 21:48	0°J			-12186 Aug 31 j 12:12	0°B		
evening rise	-12188 Feb 13 j 23:08	7°J28'11		asc. node	-12186 Sep 02 j 01:53	1°B46'40		
	-12188 Mar 03 j 05:13	0°S			-12186 Sep 26 j 09:11	0°II		
asc. node	-12188 Mar 16 j 22:15	16°S55'34			-12186 Oct 21 j 14:32	0°S		
	-12188 Mar 27 j 12:40	0°A			-12186 Nov 15 j 16:13	0°Q		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12186 Dec 10 j 17:03	0°♍		desc. node	-12183 Jun 10 j 07:27	9°♋01'57	
desc. node	-12186 Dec 24 j 12:11	16°♍34'36			-12183 Jul 07 j 13:25	0°♊	
	-12185 Jan 04 j 15:27	0°♊		greatest brilliancy	-12183 Jul 13 j 15:05	2°♊38'59	-4.9m
	-12185 Jan 29 j 08:48	0°♌		retrograde	-12183 Jul 22 j 23:03	4°♊20'09	
morning set	-12185 Feb 09 j 14:00	13°♌43'10			-12183 Aug 06 j 14:12	30°♋	
	-12185 Feb 22 j 19:49	0°♌		evening set	-12183 Aug 09 j 15:56	28°♋12'44	
max. Earth dist.	-12185 Mar 11 j 20:59	21°♌05'27	1.72799 AU	min. Earth dist.	-12183 Aug 12 j 01:00	26°♋44'42	0.26921 AU
				inferior conj	-12183 Aug 12 j 17:54	26°♋18'20	-8°32'21
superior conj	-12185 Mar 16 j 13:41	26°♌55'17	-0°59'20	minimum elong	-12183 Aug 12 j 22:35	26°♋11'02	8°31'25
minimum elong	-12185 Mar 16 j 21:19	27°♌18'59	0°59'49	morning rise	-12183 Aug 16 j 05:24	24°♋10'12	
	-12185 Mar 19 j 01:08	0°♋		direct	-12183 Sep 01 j 22:00	18°♋36'59	
	-12185 Apr 12 j 02:39	0°♌		greatest brilliancy	-12183 Sep 11 j 11:31	20°♋23'03	-4.9m
asc. node	-12185 Apr 14 j 10:44	2°♌55'13			-12183 Sep 28 j 06:29	0°♊	
evening rise	-12185 Apr 21 j 01:50	11°♌12'25		asc. node	-12183 Sep 29 j 13:51	0°♊59'34	
	-12185 May 06 j 02:22	0°♋		morning max el	-12183 Oct 21 j 19:15	20°♊58'18	46°15'38
	-12185 May 30 j 02:03	0°♋			-12183 Oct 30 j 15:51	0°♋	
	-12185 Jun 23 j 03:33	0°♋			-12183 Nov 27 j 06:57	0°♋	
	-12185 Jul 17 j 09:14	0°♊			-12183 Dec 23 j 16:38	0°♍	
desc. node	-12185 Aug 06 j 01:08	24°♊04'11			-12182 Jan 18 j 11:32	0°♊	
	-12185 Aug 10 j 22:20	0°♋		desc. node	-12182 Jan 21 j 02:01	3°♊03'43	
	-12185 Sep 04 j 23:59	0°♋			-12182 Feb 12 j 18:09	0°♌	
	-12185 Oct 01 j 01:40	0°♍			-12182 Mar 09 j 13:01	0°♌	
evening max el	-12185 Oct 25 j 01:12	25°♍27'18	45°35'46		-12182 Apr 02 j 21:40	0°♋	
	-12185 Oct 29 j 17:09	0°♊		morning set	-12182 Apr 16 j 22:38	17°♋28'57	
asc. node	-12185 Nov 25 j 08:57	21°♊05'20			-12182 Apr 26 j 22:38	0°♌	
greatest brilliancy	-12185 Dec 01 j 18:36	24°♊10'54	-4.7m	asc. node	-12182 May 11 j 23:49	18°♌55'04	
retrograde	-12185 Dec 13 j 01:38	26°♊32'05			-12182 May 20 j 18:52	0°♋	
evening set	-12185 Dec 29 j 16:03	21°♊11'44		max. Earth dist.	-12182 May 21 j 16:31	1°♋08'16	1.71094 AU
inferior conj	-12184 Jan 03 j 11:55	18°♊12'01	7°10'15				
minimum elong	-12184 Jan 03 j 04:32	18°♊23'47	7°09'04	superior conj	-12182 May 23 j 15:25	3°♋36'09	0°26'41
min. Earth dist.	-12184 Jan 03 j 15:37	18°♊06'07	0.29564 AU	minimum elong	-12182 May 23 j 09:56	3°♋18'53	0°26'05
morning rise	-12184 Jan 07 j 16:56	15°♊33'29			-12182 Jun 13 j 13:08	0°♋	
direct	-12184 Jan 25 j 09:45	9°♊38'10		evening rise	-12182 Jul 01 j 18:11	22°♋58'35	
greatest brilliancy	-12184 Feb 04 j 04:47	11°♊20'39	-4.7m		-12182 Jul 07 j 08:00	0°♋	
	-12184 Mar 04 j 02:43	0°♌			-12182 Jul 31 j 05:47	0°♊	
morning max el	-12184 Mar 14 j 12:18	9°♌28'54	46°11'23		-12182 Aug 24 j 08:18	0°♋	
desc. node	-12184 Mar 18 j 01:37	12°♌55'31		desc. node	-12182 Sep 02 j 12:12	11°♋19'37	
	-12184 Apr 03 j 15:37	0°♌			-12182 Sep 17 j 16:51	0°♋	
	-12184 Apr 30 j 09:51	0°♋			-12182 Oct 12 j 09:04	0°♍	
	-12184 May 25 j 14:56	0°♌			-12182 Nov 06 j 13:11	0°♊	
	-12184 Jun 19 j 00:22	0°♋			-12182 Dec 02 j 16:28	0°♌	
asc. node	-12184 Jul 07 j 01:25	22°♋33'29		asc. node	-12182 Dec 22 j 18:48	21°♌37'10	
	-12184 Jul 12 j 23:33	0°♋			-12182 Dec 31 j 02:46	0°♌	
	-12184 Aug 05 j 18:58	0°♋		evening max el	-12181 Jan 04 j 00:55	3°♌47'07	44°49'20
	-12184 Aug 29 j 15:26	0°♊			-12181 Feb 08 j 23:39	0°♋	
morning set	-12184 Sep 15 j 13:00	21°♊07'43		greatest brilliancy	-12181 Feb 10 j 17:16	0°♋38'19	-4.7m
	-12184 Sep 22 j 15:59	0°♋		retrograde	-12181 Feb 20 j 22:36	2°♋28'03	
	-12184 Oct 16 j 21:24	0°♋			-12181 Mar 04 j 07:45	30°♋	
				evening set	-12181 Mar 09 j 13:07	27°♌23'33	
superior conj	-12184 Oct 27 j 13:19	13°♋08'25	0°02'03	inferior conj	-12181 Mar 14 j 04:21	24°♌39'20	6°30'22
minimum elong	-12184 Oct 27 j 13:57	13°♋10'21	0°02'33	minimum elong	-12181 Mar 14 j 13:23	24°♌25'39	6°28'06
behind sun begin	-12184 Oct 26 j 12:19	11°♋51'27		min. Earth dist.	-12181 Mar 15 j 12:28	23°♌50'40	0.28397 AU
behind sun end	-12184 Oct 28 j 15:35	14°♋29'14		morning rise	-12181 Mar 19 j 12:59	21°♌29'15	
desc. node	-12184 Oct 28 j 10:48	14°♋14'30		direct	-12181 Apr 04 j 23:11	16°♌28'44	
max. Earth dist.	-12184 Oct 30 j 22:03	17°♋16'42	1.73089 AU	desc. node	-12181 Apr 15 j 13:07	18°♌30'11	
	-12184 Nov 10 j 06:31	0°♍		greatest brilliancy	-12181 Apr 16 j 13:46	18°♌53'42	-4.8m
	-12184 Dec 04 j 17:22	0°♊			-12181 May 04 j 19:08	0°♋	
evening rise	-12184 Dec 05 j 23:09	1°♊31'17		morning max el	-12181 May 25 j 04:07	18°♋23'29	46°34'29
	-12184 Dec 29 j 04:55	0°♌			-12181 Jun 05 j 08:54	0°♌	
	-12183 Jan 22 j 18:04	0°♌			-12181 Jul 01 j 23:30	0°♋	
	-12183 Feb 16 j 11:18	0°♋			-12181 Jul 27 j 00:27	0°♋	
asc. node	-12183 Feb 16 j 13:08	0°♋05'33		asc. node	-12181 Aug 04 j 15:06	10°♋31'47	
	-12183 Mar 13 j 11:36	0°♌			-12181 Aug 20 j 10:05	0°♋	
	-12183 Apr 07 j 22:28	0°♋			-12181 Sep 13 j 15:17	0°♊	
	-12183 May 04 j 03:11	0°♋			-12181 Oct 07 j 22:01	0°♋	
	-12183 Jun 01 j 01:52	0°♋			-12181 Nov 01 j 08:33	0°♋	
evening max el	-12183 Jun 01 j 21:33	0°♋49'33	47°43'18		-12181 Nov 25 j 22:02	0°♍	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

desc. node	-12181 Nov 26 j 00:19	0° \mathbb{M} 06'58		inferior conj	-12178 May 27 j 01:33	7° \mathbb{H} 03'02	-3°23'02
morning set	-12181 Nov 30 j 14:46	5° \mathbb{M} 43'43		minimum elong	-12178 May 26 j 18:17	7° \mathbb{H} 13'44	3°21'16
	-12181 Dec 20 j 11:54	0° $\underline{\mathbf{a}}$		min. Earth dist.	-12178 May 27 j 00:23	7° \mathbb{H} 04'45	0.26453 AU
max. Earth dist.	-12180 Jan 04 j 19:21	18° $\underline{\mathbf{a}}$ 44'02	1.73832 AU	morning rise	-12178 Jun 01 j 17:38	3° \mathbb{H} 49'00	
					-12178 Jun 11 j 22:25	30° \mathbb{R} \approx	
superior conj	-12180 Jan 07 j 11:41	22° $\underline{\mathbf{a}}$ 01'12	-1°14'34	direct	-12178 Jun 16 j 13:57	29° \approx 33'57	
minimum elong	-12180 Jan 07 j 05:54	21° $\underline{\mathbf{a}}$ 43'30	1°14'43		-12178 Jun 21 j 07:37	0° \mathbb{H}	
	-12180 Jan 13 j 23:45	0° \mathbb{M}		greatest brilliancy	-12178 Jun 27 j 15:03	1° \mathbb{H} 49'23	-4.9m
	-12180 Feb 07 j 08:56	0° \mathbb{A}			-12178 Aug 03 j 11:00	0° \mathbb{Y}	
evening rise	-12180 Feb 11 j 19:05	5° \mathbb{A} 27'16		morning max el	-12178 Aug 06 j 03:27	2° \mathbb{Y} 42'59	46°38'04
	-12180 Mar 02 j 16:30	0° \mathbb{Z}			-12178 Aug 31 j 05:30	0° \mathbb{B}	
asc. node	-12180 Mar 16 j 00:38	16° \mathbb{Z} 27'33		asc. node	-12178 Sep 01 j 04:16	1° \mathbb{B} 04'48	
	-12180 Mar 27 j 00:16	0° \approx			-12178 Sep 25 j 23:46	0° \mathbb{II}	
	-12180 Apr 20 j 09:49	0° \mathbb{H}			-12178 Oct 21 j 03:44	0° \mathbb{G}	
	-12180 May 14 j 22:39	0° \mathbb{Y}			-12178 Nov 15 j 04:35	0° \mathbb{Q}	
	-12180 Jun 08 j 17:38	0° \mathbb{B}			-12178 Dec 10 j 04:50	0° \mathbb{M}	
	-12180 Jul 04 j 01:10	0° \mathbb{II}		desc. node	-12178 Dec 23 j 14:18	16° \mathbb{M} 06'20	
desc. node	-12180 Jul 07 j 17:11	4° \mathbb{II} 15'43			-12177 Jan 04 j 02:49	0° $\underline{\mathbf{a}}$	
	-12180 Jul 30 j 13:08	0° \mathbb{G}			-12177 Jan 28 j 19:54	0° \mathbb{M}	
evening max el	-12180 Aug 12 j 08:04	13° \mathbb{G} 31'19	47°25'40	morning set	-12177 Feb 07 j 09:14	11° \mathbb{M} 41'07	
	-12180 Aug 29 j 16:21	0° \mathbb{Q}			-12177 Feb 22 j 06:48	0° \mathbb{A}	
greatest brilliancy	-12180 Sep 21 j 20:50	15° \mathbb{Q} 19'42	-4.9m	max. Earth dist.	-12177 Mar 09 j 18:21	19° \mathbb{A} 08'44	1.72859 AU
retrograde	-12180 Oct 02 j 09:32	17° \mathbb{Q} 27'26					
evening set	-12180 Oct 17 j 09:11	12° \mathbb{Q} 49'54		superior conj	-12177 Mar 14 j 09:30	24° \mathbb{A} 53'36	-1°01'16
inferior conj	-12180 Oct 23 j 09:47	9° \mathbb{Q} 03'28	-0°51'14	minimum elong	-12177 Mar 14 j 17:03	25° \mathbb{A} 17'02	1°01'45
minimum elong	-12180 Oct 23 j 11:31	9° \mathbb{Q} 00'39	0°50'08		-12177 Mar 18 j 12:09	0° \mathbb{Z}	
min. Earth dist.	-12180 Oct 22 j 21:22	9° \mathbb{Q} 23'39	0.28299 AU		-12177 Apr 11 j 13:47	0° \approx	
asc. node	-12180 Oct 27 j 00:48	6° \mathbb{Q} 44'38		asc. node	-12177 Apr 13 j 12:57	2° \approx 27'17	
morning rise	-12180 Oct 29 j 14:47	5° \mathbb{Q} 13'00		evening rise	-12177 Apr 18 j 20:03	9° \approx 04'22	
direct	-12180 Nov 13 j 09:59	0° \mathbb{Q} 49'20			-12177 May 05 j 13:43	0° \mathbb{H}	
greatest brilliancy	-12180 Nov 22 j 09:52	2° \mathbb{Q} 20'26	-4.8m		-12177 May 29 j 13:39	0° \mathbb{Y}	
	-12180 Dec 31 j 07:35	0° \mathbb{M}			-12177 Jun 22 j 15:27	0° \mathbb{B}	
morning max el	-12179 Jan 01 j 05:32	0° \mathbb{M} 51'57	46°00'23		-12177 Jul 16 j 21:33	0° \mathbb{II}	
	-12179 Jan 29 j 17:53	0° $\underline{\mathbf{a}}$		desc. node	-12177 Aug 05 j 03:28	23° \mathbb{II} 32'23	
desc. node	-12179 Feb 17 j 15:27	20° $\underline{\mathbf{a}}$ 50'45			-12177 Aug 10 j 11:17	0° \mathbb{G}	
	-12179 Feb 25 j 16:57	0° \mathbb{M}			-12177 Sep 04 j 14:00	0° \mathbb{Q}	
	-12179 Mar 23 j 09:45	0° \mathbb{A}			-12177 Sep 30 j 18:02	0° \mathbb{M}	
	-12179 Apr 17 j 06:17	0° \mathbb{Z}		evening max el	-12177 Oct 22 j 17:17	23° \mathbb{M} 14'46	45°39'11
	-12179 May 11 j 12:52	0° \approx			-12177 Oct 29 j 17:08	0° $\underline{\mathbf{a}}$	
	-12179 Jun 04 j 10:39	0° \mathbb{H}		asc. node	-12177 Nov 24 j 11:14	19° $\underline{\mathbf{a}}$ 43'29	
asc. node	-12179 Jun 08 j 13:32	5° \mathbb{H} 11'57		greatest brilliancy	-12177 Nov 29 j 11:14	22° $\underline{\mathbf{a}}$ 03'31	-4.7m
greatest brilliancy	-12179 Jun 09 j 04:44	5° \mathbb{H} 59'56	-3.9m	retrograde	-12177 Dec 10 j 19:51	24° $\underline{\mathbf{a}}$ 26'26	
morning set	-12179 Jun 27 j 00:38	28° \mathbb{H} 33'15		evening set	-12177 Dec 27 j 07:13	19° $\underline{\mathbf{a}}$ 08'51	
	-12179 Jun 28 j 04:02	0° \mathbb{Y}		inferior conj	-12176 Jan 01 j 05:27	16° $\underline{\mathbf{a}}$ 05'29	7°01'31
	-12179 Jul 21 j 20:45	0° \mathbb{B}		minimum elong	-12177 Dec 31 j 21:45	16° $\underline{\mathbf{a}}$ 17'45	7°00'17
				min. Earth dist.	-12176 Jan 01 j 07:46	16° $\underline{\mathbf{a}}$ 01'48	0.29555 AU
superior conj	-12179 Aug 07 j 07:14	20° \mathbb{B} 44'39	1°22'39	morning rise	-12176 Jan 05 j 12:17	13° $\underline{\mathbf{a}}$ 24'20	
minimum elong	-12179 Aug 07 j 09:30	20° \mathbb{B} 51'49	1°23'11	direct	-12176 Jan 23 j 02:58	7° $\underline{\mathbf{a}}$ 31'39	
max. Earth dist.	-12179 Aug 14 j 05:31	29° \mathbb{B} 27'31	1.71089 AU	greatest brilliancy	-12176 Feb 01 j 20:20	9° $\underline{\mathbf{a}}$ 13'14	-4.7m
	-12179 Aug 14 j 15:51	0° \mathbb{II}			-12176 Mar 04 j 05:39	0° \mathbb{M}	
	-12179 Sep 07 j 15:20	0° \mathbb{G}		morning max el	-12176 Mar 12 j 05:35	7° \mathbb{M} .22'20	46°10'38
evening rise	-12179 Sep 19 j 19:56	15° \mathbb{G} 09'07		desc. node	-12176 Mar 17 j 03:55	12° \mathbb{M} .09'53	
desc. node	-12179 Sep 30 j 00:09	27° \mathbb{G} 45'07			-12176 Apr 03 j 08:30	0° \mathbb{A}	
	-12179 Oct 01 j 19:49	0° \mathbb{Q}			-12176 Apr 29 j 23:54	0° \mathbb{Z}	
	-12179 Oct 26 j 04:49	0° \mathbb{M}			-12176 May 25 j 03:46	0° \approx	
	-12179 Nov 19 j 18:06	0° $\underline{\mathbf{a}}$			-12176 Jun 18 j 12:33	0° \mathbb{H}	
	-12179 Dec 14 j 13:19	0° \mathbb{M}		asc. node	-12176 Jul 06 j 03:37	22° \mathbb{H} 03'02	
	-12178 Jan 08 j 19:21	0° \mathbb{A}			-12176 Jul 12 j 11:22	0° \mathbb{Y}	
asc. node	-12178 Jan 19 j 04:48	12° \mathbb{A} 06'12			-12176 Aug 05 j 06:34	0° \mathbb{B}	
	-12178 Feb 03 j 21:15	0° \mathbb{Z}			-12176 Aug 29 j 02:53	0° \mathbb{II}	
	-12178 Mar 03 j 13:28	0° \approx		morning set	-12176 Sep 12 j 22:30	18° \mathbb{II} 32'14	
evening max el	-12178 Mar 17 j 19:18	14° \approx 12'17	45°55'42		-12176 Sep 22 j 03:18	0° \mathbb{G}	
	-12178 Apr 04 j 18:41	0° \mathbb{H}			-12176 Oct 16 j 08:37	0° \mathbb{Q}	
greatest brilliancy	-12178 Apr 26 j 12:34	12° \mathbb{H} 50'56	-4.8m				
retrograde	-12178 May 06 j 05:45	14° \mathbb{H} 33'17		superior conj	-12176 Oct 25 j 00:54	10° \mathbb{Q} 41'58	0°05'39
desc. node	-12178 May 12 j 23:41	13° \mathbb{H} 40'17		minimum elong	-12176 Oct 25 j 02:28	10° \mathbb{Q} 46'46	0°06'09
evening set	-12178 May 20 j 18:26	10° \mathbb{H} 35'36		behind sun begin	-12176 Oct 24 j 02:09	9° \mathbb{Q} 31'55	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

behind sun end	-12176 Oct 26 j 02:46	12°Ω01'36		morning rise	-12173 Mar 17 j 01:15	19°♂20'11	
desc. node	-12176 Oct 27 j 12:50	13°Ω46'27		direct	-12173 Apr 02 j 14:49	14°♂15'02	
max. Earth dist.	-12176 Oct 28 j 14:31	15°Ω05'27	1.73035 AU	greatest brilliancy	-12173 Apr 14 j 04:30	16°♂38'28	-4.8m
	-12176 Nov 09 j 17:38	0°♍		desc. node	-12173 Apr 14 j 15:11	16°♂49'11	
evening rise	-12176 Dec 03 j 15:45	29°♍21'04			-12173 May 05 j 06:19	0°♂	
	-12176 Dec 04 j 04:27	0°♎		morning max el	-12173 May 22 j 17:57	16°♂02'20	46°33'51
	-12176 Dec 28 j 16:04	0°♍			-12173 Jun 05 j 03:38	0°♍	
	-12175 Jan 22 j 05:28	0°♂			-12173 Jul 01 j 14:25	0°♂	
asc. node	-12175 Feb 15 j 15:34	29°♂36'54			-12173 Jul 26 j 13:47	0°♍	
	-12175 Feb 15 j 23:14	0°♂		asc. node	-12173 Aug 03 j 17:28	9°♍59'09	
	-12175 Mar 13 j 00:25	0°♍			-12173 Aug 19 j 22:36	0°♂	
	-12175 Apr 07 j 12:45	0°♂			-12173 Sep 13 j 03:18	0°♍	
	-12175 May 03 j 20:10	0°♍			-12173 Oct 07 j 09:39	0°♎	
evening max el	-12175 May 30 j 12:40	28°♍27'48	47°41'04		-12173 Oct 31 j 19:52	0°Ω	
	-12175 Jun 01 j 01:38	0°♂		desc. node	-12173 Nov 25 j 02:29	29°Ω39'45	
desc. node	-12175 Jun 09 j 09:42	8°♂01'15			-12173 Nov 25 j 09:07	0°♍	
	-12175 Jul 10 j 17:15	0°♍		morning set	-12173 Nov 28 j 05:29	3°♍28'34	
greatest brilliancy	-12175 Jul 11 j 03:40	0°♍09'11	-4.9m		-12173 Dec 19 j 22:48	0°♎	
retrograde	-12175 Jul 20 j 12:56	1°♍50'58		max. Earth dist.	-12172 Jan 02 j 16:17	16°♎47'54	1.73837 AU
	-12175 Jul 29 j 22:22	30°♎♂					
evening set	-12175 Aug 07 j 06:16	25°♂42'25		superior conj	-12172 Jan 05 j 06:00	19°♎57'01	-1°13'23
min. Earth dist.	-12175 Aug 09 j 13:14	24°♂17'44	0.26882 AU	minimum elong	-12172 Jan 04 j 23:48	19°♎37'59	1°13'30
inferior conj	-12175 Aug 10 j 06:57	23°♂50'09	-8°37'20		-12172 Jan 13 j 10:36	0°♍	
minimum elong	-12175 Aug 10 j 10:52	23°♂44'04	8°36'33		-12172 Feb 06 j 19:49	0°♂	
morning rise	-12175 Aug 13 j 15:39	21°♂46'36		evening rise	-12172 Feb 09 j 15:01	3°♂27'06	
direct	-12175 Aug 30 j 11:23	16°♂10'08		greatest brilliancy	-12172 Feb 10 j 01:09	3°♂58'18	-3.9m
greatest brilliancy	-12175 Sep 09 j 00:12	17°♂55'59	-4.9m		-12172 Mar 02 j 03:34	0°♂	
asc. node	-12175 Sep 28 j 16:03	29°♂46'16		asc. node	-12172 Mar 15 j 02:51	15°♂59'47	
	-12175 Sep 28 j 22:57	0°♍			-12172 Mar 26 j 11:39	0°♍	
morning max el	-12175 Oct 19 j 10:02	18°♍38'28	46°16'22		-12172 Apr 19 j 21:39	0°♂	
	-12175 Oct 30 j 11:41	0°♎			-12172 May 14 j 11:09	0°♍	
	-12175 Nov 26 j 22:15	0°Ω			-12172 Jun 08 j 07:03	0°♂	
	-12175 Dec 23 j 05:57	0°♍			-12172 Jul 03 j 16:11	0°♍	
desc. node	-12174 Jan 17 j 23:45	0°♎		desc. node	-12172 Jul 06 j 19:30	3°♍38'06	
	-12174 Jan 20 j 04:13	2°♎34'28			-12172 Jul 30 j 07:41	0°♎	
	-12174 Feb 12 j 05:43	0°♍		evening max el	-12172 Aug 09 j 23:00	11°♎11'30	47°28'26
	-12174 Mar 09 j 00:13	0°♂			-12172 Aug 30 j 01:00	0°Ω	
	-12174 Apr 02 j 08:41	0°♂		greatest brilliancy	-12172 Sep 19 j 15:34	13°Ω06'50	-4.9m
morning set	-12174 Apr 14 j 17:12	15°♂22'53		retrograde	-12172 Sep 30 j 01:38	15°Ω12'28	
	-12174 Apr 26 j 09:36	0°♍		evening set	-12172 Oct 15 j 02:52	10°Ω33'36	
asc. node	-12174 May 11 j 01:59	18°♍27'16		min. Earth dist.	-12172 Oct 20 j 14:15	7°Ω08'39	0.28244 AU
max. Earth dist.	-12174 May 19 j 00:57	28°♍28'47	1.71143 AU	inferior conj	-12172 Oct 21 j 02:15	6°Ω49'08	-1°11'10
	-12174 May 20 j 05:53	0°♂		minimum elong	-12172 Oct 21 j 04:40	6°Ω45'13	1°09'52
				asc. node	-12172 Oct 26 j 03:03	3°Ω39'05	
superior conj	-12174 May 21 j 06:51	1°♂18'43	0°23'27	morning rise	-12172 Oct 27 j 07:16	2°Ω58'24	
minimum elong	-12174 May 21 j 02:02	1°♂03'32	0°22'52		-12172 Nov 02 j 19:03	30°♎♂	
	-12174 Jun 13 j 00:17	0°♍		direct	-12172 Nov 11 j 01:07	28°♎36'00	
evening rise	-12174 Jun 29 j 05:12	20°♍26'31			-12172 Nov 19 j 16:20	0°Ω	
	-12174 Jul 06 j 19:19	0°♂		greatest brilliancy	-12172 Nov 20 j 02:18	0°Ω07'57	-4.8m
	-12174 Jul 30 j 17:15	0°♍		morning max el	-12172 Dec 29 j 20:27	28°Ω39'24	46°00'31
	-12174 Aug 23 j 19:56	0°♎			-12172 Dec 31 j 06:12	0°♍	
desc. node	-12174 Sep 01 j 14:27	10°♎50'26			-12171 Jan 29 j 09:42	0°♎	
	-12174 Sep 17 j 04:42	0°Ω		desc. node	-12171 Feb 16 j 17:40	20°♎17'43	
	-12174 Oct 11 j 21:22	0°♍			-12171 Feb 25 j 06:21	0°♍	
	-12174 Nov 06 j 02:25	0°♎			-12171 Mar 22 j 22:00	0°♂	
	-12174 Dec 02 j 07:50	0°♍			-12171 Apr 16 j 17:56	0°♂	
asc. node	-12174 Dec 21 j 21:07	20°♍54'39			-12171 May 11 j 00:12	0°♍	
	-12174 Dec 31 j 00:25	0°♂			-12171 Jun 03 j 21:51	0°♂	
evening max el	-12173 Jan 01 j 15:54	1°♂34'33	44°48'58	asc. node	-12171 Jun 07 j 15:47	4°♂43'47	
greatest brilliancy	-12173 Feb 08 j 07:51	28°♂27'01	-4.7m	greatest brilliancy	-12171 Jun 08 j 19:42	6°♂11'55	-3.9m
	-12173 Feb 14 j 15:19	0°♂		morning set	-12171 Jun 24 j 12:49	26°♂04'32	
retrograde	-12173 Feb 18 j 12:44	0°♂16'41			-12171 Jun 27 j 15:11	0°♍	
	-12173 Feb 22 j 08:33	30°♎♂			-12171 Jul 21 j 07:53	0°♂	
evening set	-12173 Mar 07 j 06:33	25°♂08'20					
inferior conj	-12173 Mar 11 j 19:26	22°♂27'01	6°41'50	superior conj	-12171 Aug 04 j 16:14	18°♂06'50	1°22'56
minimum elong	-12173 Mar 12 j 04:14	22°♂13'39	6°39'42	minimum elong	-12171 Aug 04 j 17:23	18°♂10'26	1°23'29
min. Earth dist.	-12173 Mar 13 j 03:35	21°♂38'09	0.28471 AU	max. Earth dist.	-12171 Aug 11 j 06:36	26°♂25'07	1.71038 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12171 Aug 14 j 03:00	0° Π							-12168 Mar 04 j 07:07	0° \mathbb{M}			
	-12171 Sep 07 j 02:30	0° \mathfrak{C}		morning max el					-12168 Mar 09 j 22:57	5° \mathbb{M} 16'12	46°09'50		
evening rise	-12171 Sep 17 j 04:00	12° \mathfrak{C} 30'34		desc. node					-12168 Mar 16 j 05:57	11° \mathbb{M} 24'30			
desc. node	-12171 Sep 29 j 02:13	27° \mathfrak{C} 16'53							-12168 Apr 03 j 01:03	0° \mathfrak{X}			
	-12171 Oct 01 j 07:01	0° Ω							-12168 Apr 29 j 13:46	0° \mathfrak{Z}			
	-12171 Oct 25 j 16:07	0° \mathbb{P}							-12168 May 24 j 16:27	0° \approx			
	-12171 Nov 19 j 05:36	0° $\underline{\mathfrak{L}}$							-12168 Jun 18 j 00:38	0° \mathfrak{H}			
	-12171 Dec 14 j 01:16	0° \mathbb{M}		asc. node					-12168 Jul 05 j 05:50	21° \mathfrak{H} 32'54			
	-12170 Jan 08 j 08:16	0° \mathfrak{X}							-12168 Jul 11 j 23:07	0° \mathfrak{Y}			
asc. node	-12170 Jan 18 j 07:14	11° \mathfrak{X} 34'04							-12168 Aug 04 j 18:06	0° \mathfrak{B}			
	-12170 Feb 03 j 12:11	0° \mathfrak{Z}							-12168 Aug 28 j 14:17	0° Π			
	-12170 Mar 03 j 09:08	0° \approx		morning set					-12168 Sep 10 j 08:14	15° \mathfrak{H} 57'28			
evening max el	-12170 Mar 15 j 07:40	11° \approx 49'21	45°51'59						-12168 Sep 21 j 14:35	0° \mathfrak{C}			
	-12170 Apr 05 j 11:04	0° \mathfrak{H}							-12168 Oct 15 j 19:45	0° Ω			
greatest brilliancy	-12170 Apr 23 j 23:34	10° \mathfrak{H} 22'46	-4.8m										
retrograde	-12170 May 03 j 17:23	12° \mathfrak{H} 05'43		superior conj					-12168 Oct 22 j 12:35	8° Ω 15'55	0°09'14		
desc. node	-12170 May 12 j 02:01	10° \mathfrak{H} 44'08		minimum elong					-12168 Oct 22 j 15:05	8° Ω 23'35	0°09'42		
evening set	-12170 May 18 j 04:42	8° \mathfrak{H} 09'17		behind sun begin					-12168 Oct 21 j 17:55	7° Ω 18'23			
inferior conj	-12170 May 24 j 13:09	4° \mathfrak{H} 35'29	-3°00'32	behind sun end					-12168 Oct 23 j 12:14	9° Ω 28'47			
minimum elong	-12170 May 24 j 06:34	4° \mathfrak{H} 45'09	2°58'57	max. Earth dist.					-12168 Oct 26 j 09:31	13° Ω 02'06	1.72977 AU		
min. Earth dist.	-12170 May 24 j 13:41	4° \mathfrak{H} 34'42	0.26483 AU	desc. node					-12168 Oct 26 j 15:05	13° Ω 19'14			
morning rise	-12170 May 30 j 07:54	1° \mathfrak{H} 18'21							-12168 Nov 09 j 04:40	0° \mathbb{P}			
	-12170 Jun 01 j 23:13	30° \mathfrak{R}		evening rise					-12168 Dec 01 j 08:27	27° \mathbb{P} 11'24			
direct	-12170 Jun 14 j 02:21	27° \approx 05'24							-12168 Dec 03 j 15:28	0° $\underline{\mathfrak{L}}$			
greatest brilliancy	-12170 Jun 25 j 05:30	29° \approx 23'05	-4.9m						-12168 Dec 28 j 03:12	0° \mathbb{M}			
	-12170 Jun 26 j 17:04	0° \mathfrak{H}							-12167 Jan 21 j 16:55	0° \mathfrak{X}			
	-12170 Aug 03 j 10:36	0° \mathfrak{Y}		asc. node					-12167 Feb 14 j 17:46	29° \mathfrak{X} 07'25			
morning max el	-12170 Aug 03 j 16:45	0° \mathfrak{Y} 15'41	46°38'45						-12167 Feb 15 j 11:13	0° \mathfrak{Z}			
	-12170 Aug 30 j 22:10	0° \mathfrak{B}							-12167 Mar 12 j 13:20	0° \approx			
asc. node	-12170 Aug 31 j 06:26	0° \mathfrak{B} 23'37							-12167 Apr 07 j 03:12	0° \mathfrak{H}			
	-12170 Sep 25 j 13:54	0° Π							-12167 May 03 j 13:31	0° \mathfrak{Y}			
	-12170 Oct 20 j 16:36	0° \mathfrak{C}		evening max el					-12167 May 28 j 03:47	26° \mathfrak{Y} 05'52	47°38'38		
	-12170 Nov 14 j 16:41	0° Ω							-12167 Jun 01 j 02:32	0° \mathfrak{B}			
	-12170 Dec 09 j 16:25	0° \mathbb{P}		desc. node					-12167 Jun 08 j 12:02	6° \mathfrak{B} 59'08			
desc. node	-12170 Dec 22 j 16:31	15° \mathbb{P} 38'50		greatest brilliancy					-12167 Jul 08 j 16:16	27° \mathfrak{B} 39'10	-4.9m		
	-12169 Jan 03 j 14:01	0° $\underline{\mathfrak{L}}$		retrograde					-12167 Jul 18 j 02:21	29° \mathfrak{B} 21'01			
	-12169 Jan 28 j 06:51	0° \mathbb{M}		evening set					-12167 Aug 04 j 20:08	23° \mathfrak{B} 12'12			
morning set	-12169 Feb 05 j 04:12	9° \mathbb{M} 38'47		min. Earth dist.					-12167 Aug 07 j 01:31	21° \mathfrak{B} 49'59	0.26842 AU		
	-12169 Feb 21 j 17:37	0° \mathfrak{X}		inferior conj					-12167 Aug 07 j 19:53	21° \mathfrak{B} 21'25	-8°41'27		
max. Earth dist.	-12169 Mar 07 j 16:14	17° \mathfrak{X} 14'12	1.72913 AU	minimum elong					-12167 Aug 07 j 22:58	21° \mathfrak{B} 16'38	8°40'46		
				morning rise					-12167 Aug 11 j 02:01	19° \mathfrak{B} 21'54			
superior conj	-12169 Mar 12 j 05:09	22° \mathfrak{X} 51'57	-1°03'07	direct					-12167 Aug 28 j 00:42	13° \mathfrak{B} 42'47			
minimum elong	-12169 Mar 12 j 12:35	23° \mathfrak{X} 15'00	1°03'37	greatest brilliancy					-12167 Sep 06 j 12:54	15° \mathfrak{B} 28'14	-4.9m		
	-12169 Mar 17 j 22:59	0° \mathfrak{Z}		asc. node					-12167 Sep 27 j 18:13	28° \mathfrak{B} 34'42			
	-12169 Apr 11 j 00:47	0° \approx							-12167 Sep 29 j 11:26	0° Π			
asc. node	-12169 Apr 12 j 15:05	1° \approx 59'35		morning max el					-12167 Oct 16 j 23:54	16° \mathfrak{H} 15'50	46°17'16		
evening rise	-12169 Apr 16 j 14:17	6° \approx 56'51							-12167 Oct 30 j 07:02	0° \mathfrak{C}			
	-12169 May 05 j 00:57	0° \mathfrak{H}							-12167 Nov 26 j 13:23	0° Ω			
	-12169 May 29 j 01:10	0° \mathfrak{Y}							-12167 Dec 22 j 19:11	0° \mathbb{P}			
	-12169 Jun 22 j 03:17	0° \mathfrak{B}							-12166 Jan 17 j 11:57	0° $\underline{\mathfrak{L}}$			
	-12169 Jul 16 j 09:48	0° Π		desc. node					-12166 Jan 19 j 06:22	2° $\underline{\mathfrak{L}}$ 05'01			
desc. node	-12169 Aug 04 j 05:46	23° \mathfrak{H} 00'54							-12166 Feb 11 j 17:19	0° \mathbb{M}			
	-12169 Aug 10 j 00:07	0° \mathfrak{C}							-12166 Mar 08 j 11:31	0° \mathfrak{X}			
	-12169 Sep 04 j 03:56	0° Ω							-12166 Apr 01 j 19:49	0° \mathfrak{Z}			
	-12169 Sep 30 j 10:25	0° \mathbb{P}		morning set					-12166 Apr 12 j 11:45	13° \mathfrak{Z} 16'21			
evening max el	-12169 Oct 20 j 10:04	21° \mathbb{P} 04'31	45°42'32						-12166 Apr 25 j 20:42	0° \approx			
	-12169 Oct 29 j 18:00	0° $\underline{\mathfrak{L}}$		asc. node					-12166 May 10 j 04:16	17° \approx 59'27			
asc. node	-12169 Nov 23 j 13:33	18° $\underline{\mathfrak{L}}$ 19'37		max. Earth dist.					-12166 May 16 j 09:29	25° \approx 49'19	1.71194 AU		
greatest brilliancy	-12169 Nov 27 j 04:11	19° $\underline{\mathfrak{L}}$ 56'58	-4.7m										
retrograde	-12169 Dec 08 j 14:09	22° $\underline{\mathfrak{L}}$ 20'59		superior conj					-12166 May 18 j 22:23	29° \approx 01'12	0°20'12		
evening set	-12169 Dec 24 j 22:27	17° $\underline{\mathfrak{L}}$ 06'27		minimum elong					-12166 May 18 j 18:15	28° \approx 48'09	0°19'37		
inferior conj	-12169 Dec 29 j 23:02	13° $\underline{\mathfrak{L}}$ 59'13	6°52'16						-12166 May 19 j 17:02	0° \mathfrak{H}			
minimum elong	-12169 Dec 29 j 15:04	14° $\underline{\mathfrak{L}}$ 11'56	6°50'57						-12166 Jun 12 j 11:34	0° \mathfrak{Y}			
min. Earth dist.	-12169 Dec 29 j 23:46	13° $\underline{\mathfrak{L}}$ 58'02	0.29543 AU	evening rise					-12166 Jun 26 j 16:25	17° \mathfrak{Y} 54'45			
morning rise	-12168 Jan 03 j 07:45	11° $\underline{\mathfrak{L}}$ 15'14							-12166 Jul 06 j 06:45	0° \mathfrak{B}			
direct	-12168 Jan 20 j 20:36	5° $\underline{\mathfrak{L}}$ 25'35							-12166 Jul 30 j 04:52	0° Π			
greatest brilliancy	-12168 Jan 30 j 11:29	7° $\underline{\mathfrak{L}}$ 05'35	-4.7m						-12166 Aug 23 j 07:44	0° \mathfrak{C}			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

desc. node	-12166 Aug 31 j 16:33	10°☾20'16			-12163 Feb 24 j 19:54	0°♌		
	-12166 Sep 16 j 16:46	0°♌			-12163 Mar 22 j 10:24	0°♍		
	-12166 Oct 11 j 09:53	0°♎			-12163 Apr 16 j 05:45	0°♎		
	-12166 Nov 05 j 15:53	0°♏			-12163 May 10 j 11:46	0°♏		
	-12166 Dec 01 j 23:31	0°♐			-12163 Jun 03 j 09:19	0°♐		
asc. node	-12166 Dec 20 j 23:30	20°♌11'37		asc. node	-12163 Jun 06 j 18:00	4°♋14'36		
evening max el	-12166 Dec 30 j 06:11	29°♌20'10	44°48'47	greatest brilliancy	-12163 Jun 08 j 07:49	6°♋14'00	-3.9m	
	-12166 Dec 30 j 22:58	0°♍		morning set	-12163 Jun 22 j 01:03	23°♋35'00		
greatest brilliancy	-12165 Feb 05 j 22:25	26°♌15'55	-4.7m		-12163 Jun 27 j 02:38	0°♑		
retrograde	-12165 Feb 16 j 03:10	28°♌06'00			-12163 Jul 20 j 19:22	0°♒		
evening set	-12165 Mar 05 j 00:05	22°♌53'35						
inferior conj	-12165 Mar 09 j 10:49	20°♌15'08	6°52'27	superior conj	-12163 Aug 02 j 00:57	15°♎26'49	1°23'04	
minimum elong	-12165 Mar 09 j 19:18	20°♌02'12	6°50'27	minimum elong	-12163 Aug 02 j 00:58	15°♎26'52	1°23'34	
min. Earth dist.	-12165 Mar 10 j 19:03	19°♌26'00	0.28549 AU	max. Earth dist.	-12163 Aug 08 j 06:38	23°♎18'11	1.70992 AU	
morning rise	-12165 Mar 14 j 13:49	17°♌11'43			-12163 Aug 13 j 14:29	0°♑		
direct	-12165 Mar 31 j 06:21	12°♌01'32			-12163 Sep 06 j 14:00	0°☾		
greatest brilliancy	-12165 Apr 11 j 20:03	14°♌24'15	-4.8m	evening rise	-12163 Sep 14 j 11:34	9°☾49'24		
desc. node	-12165 Apr 13 j 17:31	15°♌11'55		desc. node	-12163 Sep 28 j 04:30	26°☾48'18		
	-12165 May 05 j 14:50	0°♎			-12163 Sep 30 j 18:33	0°♏		
morning max el	-12165 May 20 j 08:02	13°♎41'15	46°33'10		-12163 Oct 25 j 03:45	0°♐		
	-12165 Jun 04 j 22:10	0°♏			-12163 Nov 18 j 17:26	0°♑		
	-12165 Jul 01 j 05:26	0°♐			-12163 Dec 13 j 13:36	0°♒		
	-12165 Jul 26 j 03:16	0°♑			-12162 Jan 07 j 21:36	0°♒		
asc. node	-12165 Aug 02 j 19:36	9°♑25'16		asc. node	-12162 Jan 17 j 09:27	11°♒00'18		
	-12165 Aug 19 j 11:17	0°♒			-12162 Feb 03 j 03:35	0°♎		
	-12165 Sep 12 j 15:29	0°♑			-12162 Mar 03 j 05:39	0°♏		
	-12165 Oct 06 j 21:29	0°☾		evening max el	-12162 Mar 12 j 21:00	9°♏28'32	45°48'29	
	-12165 Oct 31 j 07:25	0°♏			-12162 Apr 06 j 09:02	0°♐		
desc. node	-12165 Nov 24 j 04:41	29°♏11'57		greatest brilliancy	-12162 Apr 21 j 10:11	7°♐54'28	-4.8m	
	-12165 Nov 24 j 20:26	0°♐		retrograde	-12162 May 01 j 05:35	9°♐38'19		
morning set	-12165 Nov 25 j 20:05	1°♐12'12		desc. node	-12162 May 11 j 04:16	7°♐43'00		
	-12165 Dec 19 j 09:57	0°♑		evening set	-12162 May 15 j 15:27	5°♐42'57		
max. Earth dist.	-12165 Dec 31 j 12:06	14°♑47'45	1.73836 AU	inferior conj	-12162 May 22 j 00:54	2°♐07'57	-2°37'55	
				minimum elong	-12162 May 21 j 19:04	2°♐16'31	2°36'32	
superior conj	-12164 Jan 03 j 00:25	17°♑52'29	-1°12'08	min. Earth dist.	-12162 May 22 j 02:46	2°♐05'13	0.26519 AU	
minimum elong	-12164 Jan 02 j 17:47	17°♑32'10	1°12'11		-12162 May 25 j 17:14	30°♑		
	-12164 Jan 12 j 21:38	0°♒		morning rise	-12162 May 27 j 22:11	28°♑47'56		
	-12164 Feb 06 j 06:53	0°♒		direct	-12162 Jun 11 j 15:30	24°♑37'00		
evening rise	-12164 Feb 07 j 11:08	1°♒27'03		greatest brilliancy	-12162 Jun 22 j 19:29	26°♑55'57	-4.9m	
greatest brilliancy	-12164 Feb 08 j 13:16	2°♒47'33	-3.9m		-12162 Jun 29 j 03:42	0°♐		
	-12164 Mar 01 j 14:49	0°♎		morning max el	-12162 Aug 01 j 06:39	27°♐49'05	46°39'02	
asc. node	-12164 Mar 14 j 05:04	15°♎31'21			-12162 Aug 03 j 09:35	0°♑		
	-12164 Mar 25 j 23:16	0°♏		asc. node	-12162 Aug 30 j 08:36	29°♑41'44		
	-12164 Apr 19 j 09:49	0°♐			-12162 Aug 30 j 14:57	0°♒		
	-12164 May 14 j 00:01	0°♑			-12162 Sep 25 j 04:19	0°♑		
	-12164 Jun 07 j 20:56	0°♒			-12162 Oct 20 j 05:47	0°☾		
	-12164 Jul 03 j 07:45	0°♑			-12162 Nov 14 j 05:05	0°♏		
desc. node	-12164 Jul 05 j 21:47	2°♑58'56			-12162 Dec 09 j 04:17	0°♐		
	-12164 Jul 30 j 03:07	0°☾		desc. node	-12162 Dec 21 j 18:36	15°♐10'02		
evening max el	-12164 Aug 07 j 13:18	8°☾48'54	47°31'14		-12161 Jan 03 j 01:30	0°♑		
	-12164 Aug 30 j 13:17	0°♏			-12161 Jan 27 j 18:05	0°♌		
greatest brilliancy	-12164 Sep 17 j 09:50	10°♏51'54	-4.9m	morning set	-12161 Feb 02 j 23:03	7°♌35'16		
retrograde	-12164 Sep 27 j 17:43	12°♏56'04			-12161 Feb 21 j 04:44	0°♍		
evening set	-12164 Oct 12 j 20:28	8°♏15'18		max. Earth dist.	-12161 Mar 05 j 13:01	15°♍15'29	1.72961 AU	
inferior conj	-12164 Oct 18 j 18:31	4°♏33'09	-1°31'10					
minimum elong	-12164 Oct 18 j 21:36	4°♏28'10	1°29'40	superior conj	-12161 Mar 10 j 00:55	20°♍49'54	-1°04'53	
min. Earth dist.	-12164 Oct 18 j 06:53	4°♏52'03	0.28190 AU	minimum elong	-12161 Mar 10 j 08:13	21°♍12'29	1°05'23	
morning rise	-12164 Oct 24 j 23:27	0°♏42'34			-12161 Mar 17 j 10:07	0°♎		
asc. node	-12164 Oct 25 j 05:26	0°♏34'12			-12161 Apr 10 j 12:01	0°♏		
	-12164 Oct 26 j 06:42	30°♑		asc. node	-12161 Apr 11 j 17:27	1°♏31'52		
direct	-12164 Nov 08 j 15:57	26°☾20'49		evening rise	-12161 Apr 14 j 08:47	4°♏49'38		
greatest brilliancy	-12164 Nov 17 j 18:42	27°☾54'03	-4.8m		-12161 May 04 j 12:22	0°♐		
	-12164 Nov 22 j 23:36	0°♏			-12161 May 28 j 12:51	0°♑		
morning max el	-12164 Dec 27 j 11:53	26°♏26'57	46°00'50		-12161 Jun 21 j 15:20	0°♒		
	-12164 Dec 31 j 04:21	0°♐			-12161 Jul 15 j 22:19	0°♑		
	-12163 Jan 29 j 01:35	0°♑		desc. node	-12161 Aug 03 j 07:53	22°♑27'48		
desc. node	-12163 Feb 15 j 19:41	19°♑43'35			-12161 Aug 09 j 13:20	0°☾		




































































































































Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12161 Sep 03 j 18:20	0°♌			-12158 Apr 01 j 06:59	0°♊		
	-12161 Sep 30 j 03:32	0°♍		morning set	-12158 Apr 10 j 06:05	11°♊09'08		
evening max el	-12161 Oct 18 j 02:53	18°♍52'59	45°46'00		-12158 Apr 25 j 07:50	0°♋		
	-12161 Oct 29 j 20:48	0°♌		asc. node	-12158 May 09 j 06:26	17°♋31'05		
asc. node	-12161 Nov 22 j 15:52	16°♌51'38		max. Earth dist.	-12158 May 13 j 19:30	23°♋14'28	1.71246 AU	
greatest brilliancy	-12161 Nov 24 j 21:44	17°♌49'43	-4.7m					
retrograde	-12161 Dec 06 j 08:03	20°♌13'49		superior conj	-12158 May 16 j 14:01	26°♋43'57	0°16'56	
evening set	-12161 Dec 22 j 13:37	15°♌02'37		minimum elong	-12158 May 16 j 10:33	26°♋33'04	0°16'21	
inferior conj	-12161 Dec 27 j 16:27	11°♌51'30	6°42'33		-12158 May 19 j 04:14	0°♌		
minimum elong	-12161 Dec 27 j 08:15	12°♌04'36	6°41'08		-12158 Jun 11 j 22:51	0°♍		
min. Earth dist.	-12161 Dec 27 j 15:47	11°♌52'34	0.29525 AU	evening rise	-12158 Jun 24 j 04:06	15°♍24'34		
morning rise	-12160 Jan 01 j 03:03	9°♌04'27			-12158 Jul 05 j 18:10	0°♎		
direct	-12160 Jan 18 j 14:06	3°♌18'14			-12158 Jul 29 j 16:23	0°♏		
greatest brilliancy	-12160 Jan 28 j 02:16	4°♌56'15	-4.7m		-12158 Aug 22 j 19:24	0°♐		
	-12160 Mar 04 j 07:45	0°♍		desc. node	-12158 Aug 30 j 18:53	9°♐51'11		
morning max el	-12160 Mar 07 j 15:33	3°♍07'32	46°09'05		-12158 Sep 16 j 04:42	0°♑		
desc. node	-12160 Mar 15 j 08:15	10°♍39'38			-12158 Oct 10 j 22:21	0°♒		
	-12160 Apr 02 j 17:35	0°♎			-12158 Nov 05 j 05:24	0°♓		
	-12160 Apr 29 j 03:43	0°♊			-12158 Dec 01 j 15:27	0°♌		
	-12160 May 24 j 05:13	0°♋		asc. node	-12158 Dec 20 j 01:45	19°♌27'29		
	-12160 Jun 17 j 12:47	0°♌		evening max el	-12158 Dec 27 j 20:04	27°♌04'41	44°48'46	
asc. node	-12160 Jul 04 j 07:59	21°♌02'19			-12158 Dec 30 j 22:35	0°♍		
	-12160 Jul 11 j 10:55	0°♍		greatest brilliancy	-12157 Feb 03 j 12:29	24°♍04'00	-4.7m	
	-12160 Aug 04 j 05:44	0°♎		retrograde	-12157 Feb 13 j 17:57	25°♍55'13		
	-12160 Aug 28 j 01:49	0°♏		evening set	-12157 Mar 02 j 17:26	20°♍38'33		
morning set	-12160 Sep 07 j 17:46	13°♏21'28		inferior conj	-12157 Mar 07 j 02:05	18°♍03'01	7°02'25	
	-12160 Sep 21 j 02:01	0°♐		minimum elong	-12157 Mar 07 j 10:13	17°♍50'37	7°00'34	
	-12160 Oct 15 j 07:06	0°♑		min. Earth dist.	-12157 Mar 08 j 10:19	17°♍13'51	0.28627 AU	
				morning rise	-12157 Mar 12 j 02:19	15°♍03'16		
superior conj	-12160 Oct 19 j 23:35	5°♑46'55	0°12'53	direct	-12157 Mar 28 j 21:36	9°♎47'43		
minimum elong	-12160 Oct 20 j 03:00	5°♑57'29	0°13'19	greatest brilliancy	-12157 Apr 09 j 11:38	12°♎10'15	-4.8m	
behind sun begin	-12160 Oct 19 j 11:58	5°♑11'05		desc. node	-12157 Apr 12 j 19:47	13°♎37'56		
behind sun end	-12160 Oct 20 j 18:03	6°♑43'52			-12157 May 05 j 21:00	0°♏		
max. Earth dist.	-12160 Oct 24 j 04:48	10°♑58'49	1.72919 AU	morning max el	-12157 May 17 j 22:50	11°♏22'19	46°32'32	
desc. node	-12160 Oct 25 j 17:17	12°♑51'10			-12157 Jun 04 j 16:12	0°♐		
	-12160 Nov 08 j 15:56	0°♒			-12157 Jun 30 j 20:10	0°♑		
evening rise	-12160 Nov 29 j 00:23	24°♒58'39			-12157 Jul 25 j 16:33	0°♒		
	-12160 Dec 03 j 02:42	0°♓		asc. node	-12157 Aug 01 j 21:42	8°♒51'52		
	-12160 Dec 27 j 14:33	0°♌			-12157 Aug 18 j 23:45	0°♓		
	-12159 Jan 21 j 04:34	0°♍			-12157 Sep 12 j 03:25	0°♏		
asc. node	-12159 Feb 13 j 20:00	28°♍37'26			-12157 Oct 06 j 09:02	0°♐		
	-12159 Feb 14 j 23:27	0°♊			-12157 Oct 30 j 18:42	0°♑		
	-12159 Mar 12 j 02:31	0°♋		morning set	-12157 Nov 23 j 10:38	28°♑56'15		
	-12159 Apr 06 j 17:58	0°♌		desc. node	-12157 Nov 23 j 06:44	28°♑44'22		
	-12159 May 03 j 07:20	0°♍			-12157 Nov 24 j 07:31	0°♒		
evening max el	-12159 May 25 j 18:14	23°♍42'14	47°36'11		-12157 Dec 18 j 20:53	0°♓		
	-12159 Jun 01 j 04:42	0°♎		max. Earth dist.	-12157 Dec 29 j 07:48	12°♓47'45	1.73842 AU	
desc. node	-12159 Jun 07 j 14:15	5°♎55'23						
greatest brilliancy	-12159 Jul 06 j 05:19	25°♎10'04	-4.9m	superior conj	-12157 Dec 31 j 18:37	15°♎47'52	-1°10'45	
retrograde	-12159 Jul 15 j 15:21	26°♎51'26		minimum elong	-12157 Dec 31 j 11:35	15°♎26'20	1°10'46	
evening set	-12159 Aug 02 j 09:41	20°♎43'14			-12156 Jan 12 j 08:31	0°♏		
min. Earth dist.	-12159 Aug 04 j 14:09	19°♎22'28	0.26802 AU	evening rise	-12156 Feb 05 j 07:01	29°♏26'44		
inferior conj	-12159 Aug 05 j 08:55	18°♎53'17	-8°44'36		-12156 Feb 05 j 17:49	0°♍		
minimum elong	-12159 Aug 05 j 11:09	18°♎49'50	8°43'59	greatest brilliancy	-12156 Feb 07 j 03:56	1°♍45'05	-3.9m	
morning rise	-12159 Aug 08 j 12:49	16°♎57'09			-12156 Mar 01 j 01:57	0°♊		
direct	-12159 Aug 25 j 13:41	11°♎16'01		asc. node	-12156 Mar 13 j 07:25	15°♊03'47		
greatest brilliancy	-12159 Sep 04 j 02:06	13°♎01'21	-4.9m		-12156 Mar 25 j 10:45	0°♋		
asc. node	-12159 Sep 26 j 20:39	27°♎25'54			-12156 Apr 18 j 21:51	0°♌		
	-12159 Sep 29 j 20:39	0°♏			-12156 May 13 j 12:47	0°♍		
morning max el	-12159 Oct 14 j 12:51	13°♏50'37	46°17'55		-12156 Jun 07 j 10:44	0°♎		
	-12159 Oct 30 j 01:55	0°♐			-12156 Jul 02 j 23:20	0°♏		
	-12159 Nov 26 j 04:26	0°♑		desc. node	-12156 Jul 04 j 23:59	2°♏19'49		
	-12159 Dec 22 j 08:27	0°♒			-12156 Jul 29 j 22:49	0°♐		
	-12158 Jan 17 j 00:13	0°♓		evening max el	-12156 Aug 05 j 04:25	6°♐29'10	47°34'08	
desc. node	-12158 Jan 18 j 08:27	1°♓35'06			-12156 Aug 31 j 05:03	0°♑		
	-12158 Feb 11 j 04:59	0°♌		greatest brilliancy	-12156 Sep 15 j 03:41	8°♑37'31	-4.9m	
	-12158 Mar 07 j 22:50	0°♍		retrograde	-12156 Sep 25 j 10:24	10°♑41'00		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

evening set	-12156 Oct 10 j 14:17	5°Ω57'59		max. Earth dist.	-12153 Mar 03 j 09:08	13°♊15'55	1.73015 AU
inferior conj	-12156 Oct 16 j 10:52	2°Ω18'24	-1°51'05				
minimum elong	-12156 Oct 16 j 14:37	2°Ω12'21	1°49'22	superior conj	-12153 Mar 07 j 20:56	18°♊49'49	-1°06'33
min. Earth dist.	-12156 Oct 15 j 23:17	2°Ω37'10	0.28134 AU	minimum elong	-12153 Mar 08 j 04:01	19°♊11'46	1°07'03
	-12156 Oct 20 j 01:45	30°♋			-12153 Mar 16 j 20:53	0°♊	
morning rise	-12156 Oct 22 j 15:38	28°♋28'27			-12153 Apr 09 j 22:57	0°♋	
asc. node	-12156 Oct 24 j 07:38	27°♋34'30		asc. node	-12153 Apr 10 j 19:38	1°♋04'30	
direct	-12156 Nov 06 j 07:04	24°♋06'57		evening rise	-12153 Apr 12 j 03:24	2°♋43'39	
greatest brilliancy	-12156 Nov 15 j 10:42	25°♋41'10	-4.8m		-12153 May 03 j 23:33	0°♋	
	-12156 Nov 24 j 20:10	0°♋			-12153 May 28 j 00:19	0°♋	
morning max el	-12156 Dec 25 j 04:14	24°♋17'49	46°01'01		-12153 Jun 21 j 03:09	0°♋	
	-12156 Dec 31 j 01:15	0°♋			-12153 Jul 15 j 10:36	0°♋	
	-12155 Jan 28 j 16:52	0°♋		desc. node	-12153 Aug 02 j 10:14	21°♋56'20	
desc. node	-12155 Feb 14 j 21:57	19°♋11'10			-12153 Aug 09 j 02:18	0°♋	
	-12155 Feb 24 j 09:04	0°♋			-12153 Sep 03 j 08:32	0°♋	
	-12155 Mar 21 j 22:32	0°♋			-12153 Sep 29 j 20:34	0°♋	
	-12155 Apr 15 j 17:21	0°♋		evening max el	-12153 Oct 15 j 19:35	16°♋42'07	45°49'32
	-12155 May 09 j 23:05	0°♋			-12153 Oct 30 j 00:41	0°♋	
	-12155 Jun 02 j 20:31	0°♋		asc. node	-12153 Nov 21 j 18:09	15°♋22'10	
asc. node	-12155 Jun 05 j 20:06	3°♋45'53		greatest brilliancy	-12153 Nov 22 j 16:13	15°♋44'56	-4.7m
greatest brilliancy	-12155 Jun 07 j 15:49	6°♋03'56	-3.9m	retrograde	-12153 Dec 04 j 01:50	18°♋08'23	
morning set	-12155 Jun 19 j 13:24	21°♋06'50		evening set	-12153 Dec 20 j 05:08	13°♋00'41	
	-12155 Jun 26 j 13:49	0°♋		inferior conj	-12153 Dec 25 j 10:10	9°♋45'48	6°32'17
	-12155 Jul 20 j 06:33	0°♋		minimum elong	-12153 Dec 25 j 01:48	9°♋59'12	6°30'48
				min. Earth dist.	-12153 Dec 25 j 08:27	9°♋48'33	0.29500 AU
superior conj	-12155 Jul 30 j 09:44	12°♋47'48	1°23'00	morning rise	-12153 Dec 29 j 22:40	6°♋55'31	
minimum elong	-12155 Jul 30 j 08:36	12°♋44'15	1°23'28	direct	-12152 Jan 16 j 07:33	1°♋13'02	
max. Earth dist.	-12155 Aug 05 j 08:53	20°♋18'55	1.70949 AU	greatest brilliancy	-12152 Jan 25 j 17:37	2°♋49'17	-4.7m
	-12155 Aug 13 j 01:41	0°♋			-12152 Mar 04 j 06:40	0°♋	
	-12155 Sep 06 j 01:13	0°♋		morning max el	-12152 Mar 05 j 07:25	0°♋58'40	46°08'17
evening rise	-12155 Sep 11 j 19:09	7°♋09'04		desc. node	-12152 Mar 14 j 10:28	9°♋56'40	
desc. node	-12155 Sep 27 j 06:43	26°♋20'28			-12152 Apr 02 j 09:22	0°♋	
	-12155 Sep 30 j 05:47	0°♋			-12152 Apr 28 j 17:12	0°♋	
	-12155 Oct 24 j 15:01	0°♋			-12152 May 23 j 17:40	0°♋	
	-12155 Nov 18 j 04:54	0°♋			-12152 Jun 17 j 00:42	0°♋	
	-12155 Dec 13 j 01:33	0°♋		asc. node	-12152 Jul 03 j 10:10	20°♋32'27	
	-12154 Jan 07 j 10:37	0°♋			-12152 Jul 10 j 22:32	0°♋	
asc. node	-12154 Jan 16 j 11:44	10°♋27'42			-12152 Aug 03 j 17:10	0°♋	
	-12154 Feb 02 j 18:51	0°♋			-12152 Aug 27 j 13:07	0°♋	
	-12154 Mar 03 j 02:32	0°♋		morning set	-12152 Sep 05 j 03:05	10°♋45'20	
evening max el	-12154 Mar 10 j 11:15	7°♋10'53	45°44'50		-12152 Sep 20 j 13:13	0°♋	
	-12154 Apr 07 j 14:29	0°♋			-12152 Oct 14 j 18:11	0°♋	
greatest brilliancy	-12154 Apr 18 j 20:57	5°♋27'15	-4.8m				
retrograde	-12154 Apr 28 j 17:39	7°♋11'29		superior conj	-12152 Oct 17 j 10:25	3°♋18'12	0°16'31
desc. node	-12154 May 10 j 06:25	4°♋37'34		minimum elong	-12152 Oct 17 j 14:46	3°♋31'37	0°16'56
evening set	-12154 May 13 j 02:28	3°♋17'17		max. Earth dist.	-12152 Oct 22 j 00:34	8°♋57'46	1.72856 AU
	-12154 May 18 j 23:46	30°♋		desc. node	-12152 Oct 24 j 19:21	12°♋23'29	
inferior conj	-12154 May 19 j 12:35	29°♋41'10	-2°14'53		-12152 Nov 08 j 02:56	0°♋	
minimum elong	-12154 May 19 j 07:33	29°♋48'34	2°13'46	evening rise	-12152 Nov 26 j 16:15	22°♋46'27	
min. Earth dist.	-12154 May 19 j 15:47	29°♋36'28	0.26556 AU		-12152 Dec 02 j 13:41	0°♋	
morning rise	-12154 May 25 j 12:11	26°♋18'18			-12152 Dec 27 j 01:37	0°♋	
direct	-12154 Jun 09 j 04:48	22°♋09'34			-12151 Jan 20 j 15:56	0°♋	
greatest brilliancy	-12154 Jun 20 j 08:53	24°♋28'50	-4.9m	asc. node	-12151 Feb 12 j 22:27	28°♋09'04	
	-12154 Jun 30 j 17:01	0°♋			-12151 Feb 14 j 11:22	0°♋	
morning max el	-12154 Jul 29 j 20:13	25°♋22'34	46°39'19		-12151 Mar 11 j 15:25	0°♋	
	-12154 Aug 03 j 07:21	0°♋			-12151 Apr 06 j 08:35	0°♋	
asc. node	-12154 Aug 29 j 10:58	29°♋01'54			-12151 May 03 j 01:17	0°♋	
	-12154 Aug 30 j 07:06	0°♋		evening max el	-12151 May 23 j 07:31	21°♋16'03	47°33'14
	-12154 Sep 24 j 18:14	0°♋			-12151 Jun 01 j 08:14	0°♋	
	-12154 Oct 19 j 18:32	0°♋		desc. node	-12151 Jun 06 j 16:31	4°♋50'12	
	-12154 Nov 13 j 17:05	0°♋		greatest brilliancy	-12151 Jul 03 j 18:44	22°♋40'50	-4.9m
	-12154 Dec 08 j 15:44	0°♋		retrograde	-12151 Jul 13 j 03:41	24°♋21'08	
desc. node	-12154 Dec 20 j 20:43	14°♋42'32		evening set	-12151 Jul 30 j 22:26	18°♋14'24	
	-12153 Jan 02 j 12:33	0°♋		min. Earth dist.	-12151 Aug 02 j 03:00	16°♋53'36	0.26765 AU
	-12153 Jan 27 j 04:53	0°♋		inferior conj	-12151 Aug 02 j 21:42	16°♋24'33	-8°46'33
morning set	-12153 Jan 31 j 18:12	5°♋34'01		minimum elong	-12151 Aug 02 j 23:02	16°♋22'29	8°46'02
	-12153 Feb 20 j 15:27	0°♋		morning rise	-12151 Aug 05 j 23:48	14°♋31'08	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

direct	-12151 Aug 23 j 01:51	8°  48'22		greatest brilliancy	-12148 Feb 05 j 22:36	0°  54'38	-3.9m
greatest brilliancy	-12151 Sep 01 j 15:43	10°  34'26	-4.9m		-12148 Feb 29 j 13:11	0° 	
asc. node	-12151 Sep 25 j 22:48	26°  18'22		asc. node	-12148 Mar 12 j 09:39	14°  35'33	
	-12151 Sep 30 j 03:21	0° 			-12148 Mar 24 j 22:21	0° 	
morning max el	-12151 Oct 12 j 01:04	11°  23'27	46°18'50		-12148 Apr 18 j 09:57	0° 	
	-12151 Oct 29 j 20:13	0° 			-12148 May 13 j 01:36	0° 	
	-12151 Nov 25 j 19:08	0° 			-12148 Jun 07 j 00:37	0° 	
	-12151 Dec 21 j 21:27	0° 			-12148 Jul 02 j 15:08	0° 	
	-12150 Jan 16 j 12:15	0° 		desc. node	-12148 Jul 04 j 02:20	1°  14'46	
desc. node	-12150 Jan 17 j 10:39	1°  06'11			-12148 Jul 29 j 19:12	0° 	
	-12150 Feb 10 j 16:27	0° 		evening max el	-12148 Aug 02 j 20:23	4°  11'14	47°36'36
	-12150 Mar 07 j 09:57	0° 			-12148 Sep 01 j 02:50	0° 	
	-12150 Mar 31 j 17:55	0° 		greatest brilliancy	-12148 Sep 12 j 20:50	6°  20'56	-4.9m
morning set	-12150 Apr 08 j 01:03	9°  04'38		retrograde	-12148 Sep 23 j 03:11	8°  24'04	
	-12150 Apr 24 j 18:44	0° 		evening set	-12148 Oct 08 j 07:59	3°  28'35	
asc. node	-12150 May 08 j 08:37	17°  03'28		min. Earth dist.	-12148 Oct 13 j 15:11	0°  20'37	0.28084 AU
max. Earth dist.	-12150 May 11 j 09:31	20°  52'53	1.71304 AU	inferior conj	-12148 Oct 14 j 02:56	0°  01'37	-2°11'04
				minimum elong	-12148 Oct 14 j 07:19	29°  54'32	2°09'09
superior conj	-12150 May 14 j 06:14	24°  29'15	0°13'41		-12148 Oct 14 j 03:56	30° 	
minimum elong	-12150 May 14 j 03:28	24°  20'32	0°13'07	morning rise	-12148 Oct 20 j 07:23	26°  12'39	
behind sun begin	-12150 May 13 j 13:40	23°  37'05		asc. node	-12148 Oct 23 j 09:54	24°  36'21	
behind sun end	-12150 May 14 j 17:15	25°  03'58		direct	-12148 Nov 03 j 22:23	21°  51'05	
	-12150 May 18 j 15:14	0° 		greatest brilliancy	-12148 Nov 13 j 02:06	23°  52'52	-4.8m
	-12150 Jun 11 j 10:01	0° 			-12148 Nov 26 j 03:19	0° 	
evening rise	-12150 Jun 21 j 16:17	12°  56'21		morning max el	-12148 Dec 22 j 21:05	22°  08'46	46°01'15
	-12150 Jul 05 j 05:31	0° 			-12148 Dec 30 j 21:53	0° 	
	-12150 Jul 29 j 03:55	0° 			-12147 Jan 28 j 08:16	0° 	
	-12150 Aug 22 j 07:07	0° 		desc. node	-12147 Feb 14 j 00:08	18°  37'59	
desc. node	-12150 Aug 29 j 21:07	9°  21'42			-12147 Feb 23 j 22:22	0° 	
	-12150 Sep 15 j 16:43	0° 			-12147 Mar 21 j 10:49	0° 	
	-12150 Oct 10 j 10:53	0° 			-12147 Apr 15 j 05:05	0° 	
	-12150 Nov 04 j 19:01	0° 			-12147 May 09 j 10:33	0° 	
	-12150 Dec 01 j 07:37	0° 			-12147 Jun 02 j 07:53	0° 	
asc. node	-12150 Dec 19 j 04:05	18°  43'12		asc. node	-12147 Jun 04 j 22:22	3°  17'12	
evening max el	-12150 Dec 25 j 10:35	24°  51'02	44°49'01	greatest brilliancy	-12147 Jun 06 j 22:09	5°  48'05	-3.9m
	-12150 Dec 30 j 23:12	0° 		morning set	-12147 Jun 17 j 02:28	18°  40'30	
greatest brilliancy	-12149 Feb 01 j 02:13	21°  52'34	-4.7m		-12147 Jun 26 j 01:08	0° 	
retrograde	-12149 Feb 11 j 09:28	23°  45'39			-12147 Jul 19 j 17:52	0° 	
evening set	-12149 Feb 28 j 10:59	18°  24'44					
inferior conj	-12149 Mar 04 j 17:38	15°  51'59	7°11'41	superior conj	-12147 Jul 27 j 19:08	10°  10'17	1°22'44
minimum elong	-12149 Mar 05 j 01:23	15°  40'10	7°09'58	minimum elong	-12147 Jul 27 j 16:55	10°  03'16	1°23'10
min. Earth dist.	-12149 Mar 06 j 01:33	15°  03'19	0.28700 AU	max. Earth dist.	-12147 Aug 02 j 15:19	17°  32'17	1.70910 AU
morning rise	-12149 Mar 09 j 15:09	12°  56'03			-12147 Aug 12 j 13:02	0° 	
direct	-12149 Mar 26 j 13:31	7°  35'07			-12147 Sep 05 j 12:37	0° 	
greatest brilliancy	-12149 Apr 07 j 03:08	9°  57'20	-4.8m	evening rise	-12147 Sep 09 j 02:47	4°  28'07	
desc. node	-12149 Apr 11 j 21:51	12°  07'49		desc. node	-12147 Sep 26 j 08:48	25°  51'27	
	-12149 May 06 j 00:56	0° 			-12147 Sep 29 j 17:15	0° 	
morning max el	-12149 May 15 j 14:46	9°  07'06	46°31'55		-12147 Oct 24 j 02:37	0° 	
	-12149 Jun 04 j 09:39	0° 			-12147 Nov 17 j 16:44	0° 	
	-12149 Jun 30 j 10:38	0° 			-12147 Dec 12 j 13:56	0° 	
	-12149 Jul 25 j 05:42	0° 			-12146 Jan 07 j 00:07	0° 	
asc. node	-12149 Aug 01 j 00:04	8°  19'22		asc. node	-12146 Jan 15 j 14:10	9°  54'15	
	-12149 Aug 18 j 12:13	0° 			-12146 Feb 02 j 10:44	0° 	
	-12149 Sep 11 j 15:27	0° 			-12146 Mar 03 j 00:33	0° 	
	-12149 Oct 05 j 20:44	0° 		evening max el	-12146 Mar 08 j 01:34	4°  52'36	45°41'17
	-12149 Oct 30 j 06:08	0° 			-12146 Apr 09 j 09:14	0° 	
morning set	-12149 Nov 21 j 00:37	26°  08'05		greatest brilliancy	-12146 Apr 16 j 08:21	3°  40'18	-4.8m
desc. node	-12149 Nov 22 j 08:56	28°  16'46		retrograde	-12146 Apr 26 j 05:20	4°  44'06	
	-12149 Nov 23 j 18:43	0° 		desc. node	-12146 May 09 j 08:46	1°  42'52	
	-12149 Dec 18 j 07:56	0° 		evening set	-12146 May 10 j 13:48	0° 	
max. Earth dist.	-12149 Dec 27 j 04:58	10°  51'55	1.73842 AU		-12146 May 12 j 04:33	30° 	
				inferior conj	-12146 May 17 j 00:21	27°  14'02	-1°51'40
superior conj	-12149 Dec 29 j 12:30	13°  41'58	-1°09'16	minimum elong	-12146 May 16 j 20:08	27°  20'14	1°50'49
minimum elong	-12149 Dec 29 j 05:06	13°  19'20	1°09'15	min. Earth dist.	-12146 May 17 j 05:10	27°  06'56	0.26591 AU
	-12148 Jan 11 j 19:30	0° 		morning rise	-12146 May 23 j 02:00	23° 	
evening rise	-12148 Feb 03 j 02:57	27°  18'26'24		direct	-12146 Jun 06 j 17:56	19°  41'45	
	-12148 Feb 05 j 04:51	0° 		greatest brilliancy	-12146 Jun 17 j 22:22	22°  01'09	-4.9m

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12146 Jul 01 j 19:45	0° H					-12143 Jan 20 j 03:40	0° A			
morning max el	-12146 Jul 27 j 09:03	22° H 53'36	46°39'42	asc. node	-12143 Feb 12 j 00:37	27° A 38'36					
	-12146 Aug 03 j 04:34	0° Y			-12143 Feb 13 j 23:43	0° Z					
asc. node	-12146 Aug 28 j 13:06	28° Y 21'09			-12143 Mar 11 j 04:49	0° \approx					
	-12146 Aug 29 j 23:11	0° B			-12143 Apr 05 j 23:46	0° H					
	-12146 Sep 24 j 08:15	0° II			-12143 May 02 j 20:02	0° Y					
	-12146 Oct 19 j 07:27	0° E		evening max el	-12143 May 20 j 20:01	18° Y 47'10	47°30'25				
	-12146 Nov 13 j 05:20	0° Ω			-12143 Jun 01 j 13:54	0° B					
	-12146 Dec 08 j 03:30	0° M		desc. node	-12143 Jun 05 j 18:50	3° B 42'38					
desc. node	-12146 Dec 19 j 22:56	14° M 14'14		greatest brilliancy	-12143 Jul 01 j 08:10	20° B 10'49	-4.9m				
	-12145 Jan 01 j 23:59	0° $\underline{\text{A}}$		retrograde	-12143 Jul 10 j 15:56	21° B 50'17					
	-12145 Jan 26 j 16:05	0° M		evening set	-12143 Jul 28 j 10:39	15° B 45'26					
morning set	-12145 Jan 29 j 12:54	3° M 30'16		min. Earth dist.	-12143 Jul 30 j 15:53	14° B 23'53	0.26729 AU				
	-12145 Feb 20 j 02:33	0° A		inferior conj	-12143 Jul 31 j 10:28	13° B 55'06	-8°47'32				
max. Earth dist.	-12145 Mar 01 j 03:26	11° A 09'44	1.73064 AU	minimum elong	-12143 Jul 31 j 10:52	13° B 54'28	8°47'03				
				morning rise	-12143 Aug 03 j 11:13	12° B 03'50					
superior conj	-12145 Mar 05 j 16:41	16° A 47'54	-1°08'08	direct	-12143 Aug 20 j 13:45	6° B 19'39					
minimum elong	-12145 Mar 05 j 23:32	17° A 09'07	1°08'39	greatest brilliancy	-12143 Aug 30 j 05:41	8° B 07'07	-4.9m				
	-12145 Mar 16 j 08:01	0° Z		asc. node	-12143 Sep 25 j 01:03	25° B 12'04					
	-12145 Apr 09 j 10:14	0° \approx			-12143 Sep 30 j 08:18	0° II					
evening rise	-12145 Apr 09 j 21:55	0° \approx 36'26		morning max el	-12143 Oct 09 j 13:53	8° II 56'49	46°19'50				
asc. node	-12145 Apr 09 j 21:48	0° \approx 36'05			-12143 Oct 29 j 14:20	0° E					
	-12145 May 03 j 11:03	0° H			-12143 Nov 25 j 09:52	0° Ω					
	-12145 May 27 j 12:07	0° Y			-12143 Dec 21 j 10:34	0° M					
	-12145 Jun 20 j 15:20	0° B			-12142 Jan 16 j 00:27	0° $\underline{\text{A}}$					
	-12145 Jul 14 j 23:14	0° II		desc. node	-12142 Jan 16 j 12:47	0° $\underline{\text{A}}$ 36'27					
desc. node	-12145 Aug 01 j 12:31	21° II 23'38			-12142 Feb 10 j 04:07	0° M					
	-12145 Aug 08 j 15:37	0° E			-12142 Mar 06 j 21:19	0° A					
	-12145 Sep 02 j 23:08	0° Ω			-12142 Mar 31 j 05:09	0° Z					
	-12145 Sep 29 j 14:14	0° M		morning set	-12142 Apr 05 j 19:50	6° Z 58'39					
evening max el	-12145 Oct 13 j 11:19	14° M 27'48	45°52'56		-12142 Apr 24 j 05:58	0° \approx					
	-12145 Oct 30 j 06:58	0° $\underline{\text{A}}$		asc. node	-12142 May 07 j 10:54	16° \approx 35'14					
greatest brilliancy	-12145 Nov 20 j 10:43	13° $\underline{\text{A}}$ 38'47	-4.7m	max. Earth dist.	-12142 May 08 j 23:54	18° \approx 31'37	1.71357 AU				
asc. node	-12145 Nov 20 j 20:29	13° $\underline{\text{A}}$ 48'24									
retrograde	-12145 Dec 01 j 19:08	16° $\underline{\text{A}}$ 01'30		superior conj	-12142 May 11 j 22:17	22° \approx 13'09	0°10'24				
evening set	-12145 Dec 17 j 20:31	10° $\underline{\text{A}}$ 57'05		minimum elong	-12142 May 11 j 20:12	22° \approx 06'36	0°09'51				
inferior conj	-12145 Dec 23 j 03:47	7° $\underline{\text{A}}$ 38'37	6°21'22	behind sun begin	-12142 May 11 j 01:32	21° \approx 07'48					
minimum elong	-12145 Dec 22 j 19:18	7° $\underline{\text{A}}$ 52'17	6°19'50	behind sun end	-12142 May 12 j 14:53	23° \approx 05'26					
min. Earth dist.	-12145 Dec 23 j 01:23	7° $\underline{\text{A}}$ 42'29	0.29479 AU		-12142 May 18 j 02:31	0° H					
morning rise	-12145 Dec 27 j 18:14	4° $\underline{\text{A}}$ 44'57			-12142 Jun 10 j 21:26	0° Y					
	-12144 Jan 07 j 06:22	30° R M		evening rise	-12142 Jun 19 j 04:30	10° Y 27'33					
direct	-12144 Jan 14 j 00:23	29° M 06'09			-12142 Jul 04 j 17:04	0° B					
	-12144 Jan 21 j 00:14	0° $\underline{\text{A}}$			-12142 Jul 28 j 15:38	0° II					
greatest brilliancy	-12144 Jan 23 j 09:40	0° $\underline{\text{A}}$ 41'20	-4.7m		-12142 Aug 21 j 19:02	0° E					
morning max el	-12144 Mar 02 j 22:47	28° $\underline{\text{A}}$ 47'04	46°07'36	desc. node	-12142 Aug 28 j 23:13	8° E 51'10					
	-12144 Mar 04 j 05:19	0° M			-12142 Sep 15 j 04:56	0° Ω					
desc. node	-12144 Mar 13 j 12:33	9° M 12'29			-12142 Oct 09 j 23:39	0° M					
	-12144 Apr 02 j 01:25	0° A			-12142 Nov 04 j 08:54	0° $\underline{\text{A}}$					
	-12144 Apr 28 j 06:59	0° Z			-12142 Dec 01 j 00:11	0° M					
	-12144 May 23 j 06:24	0° \approx		asc. node	-12142 Dec 18 j 06:29	17° M 58'07					
	-12144 Jun 16 j 12:52	0° H		evening max el	-12142 Dec 23 j 01:56	22° M 39'06	44°49'24				
asc. node	-12144 Jul 02 j 12:24	20° H 01'52			-12142 Dec 31 j 01:16	0° A					
	-12144 Jul 10 j 10:24	0° Y		greatest brilliancy	-12141 Jan 29 j 15:24	19° A 40'27	-4.7m				
	-12144 Aug 03 j 04:52	0° B		retrograde	-12141 Feb 09 j 01:16	21° A 35'47					
	-12144 Aug 27 j 00:42	0° II		evening set	-12141 Feb 26 j 04:26	16° A 10'52					
morning set	-12144 Sep 02 j 12:25	8° II 08'13		inferior conj	-12141 Mar 02 j 09:12	13° A 40'33	7°20'08				
	-12144 Sep 20 j 00:40	0° E		minimum elong	-12141 Mar 02 j 16:31	13° A 29'22	7°18'34				
	-12144 Oct 14 j 05:31	0° Ω		min. Earth dist.	-12141 Mar 03 j 16:19	12° A 53'02	0.28776 AU				
				morning rise	-12141 Mar 07 j 04:02	10° A 48'24					
superior conj	-12144 Oct 14 j 21:22	0° Ω 48'54	0°20'07	direct	-12141 Mar 24 j 06:04	5° A 22'14					
minimum elong	-12144 Oct 15 j 02:37	1° Ω 05'07	0°20'30	greatest brilliancy	-12141 Apr 04 j 18:05	7° A 43'24	-4.8m				
max. Earth dist.	-12144 Oct 19 j 19:15	6° Ω 52'31	1.72789 AU	desc. node	-12141 Apr 11 j 00:12	10° A 40'30					
desc. node	-12144 Oct 23 j 21:35	11° Ω 55'33			-12141 May 06 j 03:39	0° Z					
	-12144 Nov 07 j 14:11	0° M		morning max el	-12141 May 13 j 07:23	6° Z 53'01	46°31'10				
evening rise	-12144 Nov 24 j 08:03	20° M 33'12			-12141 Jun 04 j 03:04	0° \approx					
	-12144 Dec 02 j 00:56	0° $\underline{\text{A}}$			-12141 Jun 30 j 01:13	0° H					
	-12144 Dec 26 j 13:02	0° M			-12141 Jul 24 j 18:58	0° Y					

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-12141 Jul 31 j 02:11	7°Υ45'46		asc. node	-12138 Jan 14 j 16:23	9°♂20'34	
	-12141 Aug 18 j 00:44	0°♄			-12138 Feb 02 j 02:37	0°♄	
	-12141 Sep 11 j 03:30	0°♂			-12138 Mar 02 j 23:04	0°♄	
	-12141 Oct 05 j 08:28	0°♄		evening max el	-12138 Mar 05 j 15:32	2°♄34'29	45°37'50
	-12141 Oct 29 j 17:36	0°♂			-12138 Apr 12 j 04:36	0°♄	
morning set	-12141 Nov 18 j 14:36	24°♂19'35		greatest brilliancy	-12138 Apr 13 j 20:26	0°♄35'47	-4.8m
desc. node	-12141 Nov 21 j 11:06	27°♂48'58		retrograde	-12138 Apr 23 j 16:38	2°♄18'38	
	-12141 Nov 23 j 05:59	0°♄			-12138 May 04 j 16:30	30°♄	
	-12141 Dec 17 j 19:02	0°♄		evening set	-12138 May 08 j 01:39	28°♄26'15	
max. Earth dist.	-12141 Dec 25 j 03:40	9°♄00'36	1.73838 AU	desc. node	-12138 May 08 j 10:59	28°♄14'17	
				inferior conj	-12138 May 14 j 12:26	24°♄48'51	-1°28'38
superior conj	-12141 Dec 27 j 06:23	11°♄35'55	-1°07'41	minimum elong	-12138 May 14 j 09:04	24°♄53'49	1°28'02
minimum elong	-12141 Dec 26 j 22:39	11°♄12'16	1°07'36	min. Earth dist.	-12138 May 14 j 19:09	24°♄38'57	0.26635 AU
	-12140 Jan 11 j 06:30	0°♄		morning rise	-12138 May 20 j 15:53	21°♄20'15	
evening rise	-12140 Jan 31 j 23:02	25°♄26'33		direct	-12138 Jun 04 j 06:55	17°♄15'39	
greatest brilliancy	-12140 Feb 04 j 17:18	0°♄04'20	-3.9m	greatest brilliancy	-12138 Jun 15 j 12:44	19°♄35'44	-4.9m
	-12140 Feb 04 j 15:53	0°♄			-12138 Jul 02 j 15:02	0°♄	
	-12140 Feb 29 j 00:26	0°♄		morning max el	-12138 Jul 24 j 21:08	20°♄23'03	46°39'49
asc. node	-12140 Mar 11 j 11:53	14°♄07'17			-12138 Aug 03 j 00:58	0°♄	
	-12140 Mar 24 j 10:01	0°♄		asc. node	-12138 Aug 27 j 15:18	27°♄41'14	
	-12140 Apr 17 j 22:11	0°♄			-12138 Aug 29 j 14:57	0°♄	
	-12140 May 12 j 14:37	0°♄			-12138 Sep 23 j 22:05	0°♄	
	-12140 Jun 06 j 14:46	0°♄			-12138 Oct 18 j 20:12	0°♄	
	-12140 Jul 02 j 07:18	0°♄			-12138 Nov 12 j 17:23	0°♄	
desc. node	-12140 Jul 03 j 04:34	1°♄00'40		desc. node	-12138 Dec 07 j 15:02	0°♄	
	-12140 Jul 29 j 16:20	0°♄			-12138 Dec 19 j 01:01	13°♄46'17	
evening max el	-12140 Jul 31 j 13:15	1°♄55'20	47°39'10		-12137 Jan 01 j 11:09	0°♄	
	-12140 Sep 02 j 08:56	0°♄			-12137 Jan 26 j 03:02	0°♄	
greatest brilliancy	-12140 Sep 10 j 13:51	4°♄04'08	-4.9m	morning set	-12137 Jan 27 j 07:40	1°♄27'29	
retrograde	-12140 Sep 20 j 20:06	6°♄06'51			-12137 Feb 19 j 13:25	0°♄	
evening set	-12140 Oct 06 j 01:49	1°♄19'01		max. Earth dist.	-12137 Feb 26 j 21:34	9°♄03'53	1.73113 AU
	-12140 Oct 08 j 06:11	30°♄					
inferior conj	-12140 Oct 11 j 18:57	27°♄44'41	-2°30'52	superior conj	-12137 Mar 03 j 12:46	14°♄47'53	-1°09'37
minimum elong	-12140 Oct 11 j 23:57	27°♄36'36	2°28'48	minimum elong	-12137 Mar 03 j 19:22	15°♄08'17	1°10'09
min. Earth dist.	-12140 Oct 11 j 06:51	28°♄04'12	0.28029 AU		-12137 Mar 15 j 18:54	0°♄	
morning rise	-12140 Oct 17 j 22:54	23°♄56'54		evening rise	-12137 Apr 07 j 16:53	28°♄31'38	
asc. node	-12140 Oct 22 j 12:18	21°♄42'20			-12137 Apr 08 j 21:14	0°♄	
direct	-12140 Nov 01 j 14:05	19°♄35'19		asc. node	-12137 Apr 09 j 00:11	0°♄09'12	
greatest brilliancy	-12140 Nov 10 j 17:05	21°♄10'06	-4.8m		-12137 May 02 j 22:15	0°♄	
	-12140 Nov 27 j 01:44	0°♄			-12137 May 26 j 23:38	0°♄	
morning max el	-12140 Dec 20 j 13:59	19°♄59'59	46°01'29		-12137 Jun 20 j 03:14	0°♄	
	-12140 Dec 30 j 17:47	0°♄			-12137 Jul 14 j 11:40	0°♄	
	-12139 Jan 27 j 23:20	0°♄		desc. node	-12137 Jul 31 j 14:39	20°♄51'01	
desc. node	-12139 Feb 13 j 02:10	18°♄04'52			-12137 Aug 08 j 04:49	0°♄	
	-12139 Feb 23 j 11:28	0°♄			-12137 Sep 02 j 13:43	0°♄	
	-12139 Mar 20 j 22:55	0°♄			-12137 Sep 29 j 08:09	0°♄	
	-12139 Apr 14 j 16:41	0°♄		evening max el	-12137 Oct 11 j 02:19	12°♄11'55	45°56'33
	-12139 May 08 j 21:56	0°♄			-12137 Oct 30 j 15:28	0°♄	
	-12139 Jun 01 j 19:11	0°♄		greatest brilliancy	-12137 Nov 18 j 05:08	11°♄32'51	-4.7m
asc. node	-12139 Jun 04 j 00:35	2°♄48'30		asc. node	-12137 Nov 19 j 22:47	12°♄11'47	
greatest brilliancy	-12139 Jun 06 j 02:10	5°♄25'05	-3.9m	retrograde	-12137 Nov 29 j 12:28	13°♄55'18	
morning set	-12139 Jun 14 j 15:28	16°♄14'04		evening set	-12137 Dec 15 j 11:56	8°♄53'50	
	-12139 Jun 25 j 12:27	0°♄		inferior conj	-12137 Dec 20 j 21:26	5°♄32'07	6°10'04
	-12139 Jul 19 j 05:12	0°♄		minimum elong	-12137 Dec 20 j 12:50	5°♄45'58	6°08'27
				min. Earth dist.	-12137 Dec 20 j 18:30	5°♄36'51	0.29452 AU
superior conj	-12139 Jul 25 j 04:19	7°♄32'00	1°22'17	morning rise	-12137 Dec 25 j 13:50	2°♄35'11	
minimum elong	-12139 Jul 25 j 01:03	7°♄21'40	1°22'41		-12137 Dec 30 j 08:08	30°♄	
max. Earth dist.	-12139 Jul 30 j 20:22	14°♄41'08	1.70871 AU	direct	-12136 Jan 11 j 16:51	26°♄59'51	
	-12139 Aug 12 j 00:23	0°♄		greatest brilliancy	-12136 Jan 21 j 02:12	28°♄34'47	-4.7m
	-12139 Sep 04 j 23:59	0°♄			-12136 Jan 24 j 20:20	0°♄	
evening rise	-12139 Sep 06 j 09:49	1°♄45'20		morning max el	-12136 Feb 29 j 14:18	26°♄36'50	46°07'01
desc. node	-12139 Sep 25 j 11:07	25°♄23'25			-12136 Mar 04 j 02:44	0°♄	
	-12139 Sep 29 j 04:39	0°♄		desc. node	-12136 Mar 12 j 14:52	8°♄30'28	
	-12139 Oct 23 j 14:06	0°♄			-12136 Apr 01 j 16:52	0°♄	
	-12139 Nov 17 j 04:28	0°♄			-12136 Apr 27 j 20:18	0°♄	
	-12139 Dec 12 j 02:12	0°♄			-12136 May 22 j 18:42	0°♄	
	-12138 Jan 06 j 13:32	0°♄			-12136 Jun 16 j 00:39	0°♄	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-12136 Jul 01 j 14:33	19° X 32'09			-12134 Dec 31 j 04:36	0° X		
	-12136 Jul 09 j 21:54	0° Y		greatest brilliancy	-12133 Jan 27 j 05:07	17° X 29'44	-4.7m	
	-12136 Aug 02 j 16:13	0° B		retrograde	-12133 Feb 06 j 17:11	19° X 26'40		
	-12136 Aug 26 j 11:58	0° II		evening set	-12133 Feb 23 j 21:55	13° X 58'20		
morning set	-12136 Aug 30 j 21:40	5° II 31'33		inferior conj	-12133 Feb 28 j 00:52	11° X 30'05	7°27'56	
	-12136 Sep 19 j 11:51	0° E		minimum elong	-12133 Feb 28 j 07:42	11° X 19'38	7°26'31	
				min. Earth dist.	-12133 Mar 01 j 06:54	10° X 44'09	0.28846 AU	
superior conj	-12136 Oct 12 j 07:50	28° E 18'46	0°23'43	morning rise	-12133 Mar 04 j 17:02	8° X 41'35		
minimum elong	-12136 Oct 12 j 13:58	28° E 37'45	0°24'05	direct	-12133 Mar 21 j 22:54	3° X 10'41		
	-12136 Oct 13 j 16:37	0° O		greatest brilliancy	-12133 Apr 02 j 08:23	5° X 29'47	-4.8m	
max. Earth dist.	-12136 Oct 17 j 10:31	4° O 37'24	1.72723 AU	desc. node	-12133 Apr 10 j 02:25	9° X 16'47		
desc. node	-12136 Oct 22 j 23:48	11° O 28'13			-12133 May 06 j 04:36	0° B		
	-12136 Nov 07 j 01:13	0° M		morning max el	-12133 May 10 j 23:44	4° B 39'28	46°30'16	
evening rise	-12136 Nov 21 j 23:14	18° M 18'44			-12133 Jun 03 j 19:49	0° A		
	-12136 Dec 01 j 11:58	0° A			-12133 Jun 29 j 15:21	0° X		
	-12136 Dec 26 j 00:10	0° M			-12133 Jul 24 j 07:53	0° Y		
	-12135 Jan 19 j 15:08	0° X		asc. node	-12133 Jul 30 j 04:19	7° Y 13'08		
asc. node	-12135 Feb 11 j 02:55	27° X 09'27			-12133 Aug 17 j 12:58	0° B		
	-12135 Feb 13 j 11:48	0° B			-12133 Sep 10 j 15:16	0° II		
	-12135 Mar 10 j 17:58	0° A			-12133 Oct 04 j 19:55	0° E		
	-12135 Apr 05 j 14:48	0° X			-12133 Oct 29 j 04:49	0° O		
	-12135 May 02 j 14:51	0° Y		morning set	-12133 Nov 16 j 04:36	22° O 01'52		
evening max el	-12135 May 18 j 08:41	16° Y 20'00	47°27'36	desc. node	-12133 Nov 20 j 13:12	27° O 21'39		
	-12135 Jun 01 j 21:06	0° B			-12133 Nov 22 j 17:00	0° M		
desc. node	-12135 Jun 04 j 21:04	2° B 34'14			-12133 Dec 17 j 05:55	0° A		
greatest brilliancy	-12135 Jun 28 j 21:06	17° B 41'35	-4.9m	max. Earth dist.	-12133 Dec 23 j 03:18	7° A 12'45	1.73836 AU	
retrograde	-12135 Jul 08 j 04:31	19° B 21'02						
evening set	-12135 Jul 25 j 22:21	13° B 18'28		superior conj	-12133 Dec 25 j 00:01	9° A 29'41	-1°05'59	
min. Earth dist.	-12135 Jul 28 j 04:33	11° B 55'50	0.26697 AU	minimum elong	-12133 Dec 24 j 16:00	9° A 05'07	1°05'52	
inferior conj	-12135 Jul 28 j 23:14	11° B 27'01	-8°47'26		-12132 Jan 10 j 17:20	0° M		
minimum elong	-12135 Jul 28 j 22:43	11° B 27'49	8°46'58	evening rise	-12132 Jan 29 j 18:52	23° M 26'23		
morning rise	-12135 Jul 31 j 23:12	9° B 37'18		greatest brilliancy	-12132 Feb 03 j 13:34	29° M 19'20	-3.9m	
direct	-12135 Aug 18 j 01:56	3° B 52'10			-12132 Feb 04 j 02:47	0° X		
greatest brilliancy	-12135 Aug 27 j 19:29	5° B 41'04	-4.9m		-12132 Feb 28 j 11:33	0° B		
asc. node	-12135 Sep 24 j 03:26	24° B 09'00		asc. node	-12132 Mar 10 j 14:14	13° B 39'54		
	-12135 Sep 30 j 11:03	0° II			-12132 Mar 23 j 21:32	0° A		
morning max el	-12135 Oct 07 j 03:36	6° II 33'25	46°20'42		-12132 Apr 17 j 10:17	0° X		
	-12135 Oct 29 j 07:43	0° E			-12132 May 12 j 03:30	0° Y		
	-12135 Nov 25 j 00:12	0° O			-12132 Jun 06 j 04:51	0° B		
	-12135 Dec 20 j 23:23	0° M			-12132 Jul 01 j 23:34	0° II		
desc. node	-12134 Jan 15 j 14:52	0° A 07'23		desc. node	-12132 Jul 02 j 06:47	0° II 20'30		
	-12134 Jan 15 j 12:23	0° A		evening max el	-12132 Jul 29 j 06:25	29° II 40'25	47°41'25	
	-12134 Feb 09 j 15:30	0° M			-12132 Jul 29 j 14:05	0° E		
	-12134 Mar 06 j 08:22	0° X			-12132 Sep 04 j 04:55	0° O		
	-12134 Mar 30 j 16:03	0° B		greatest brilliancy	-12132 Sep 08 j 07:03	1° O 47'40	-4.9m	
morning set	-12134 Apr 03 j 14:39	4° B 53'56		retrograde	-12132 Sep 18 j 12:41	3° O 49'19		
	-12134 Apr 23 j 16:52	0° A			-12132 Oct 02 j 00:34	30° R E		
max. Earth dist.	-12134 May 06 j 14:20	16° A 11'33	1.71412 AU	evening set	-12132 Oct 03 j 19:41	28° E 59'22		
asc. node	-12134 May 06 j 13:05	16° A 07'38		inferior conj	-12132 Oct 09 j 10:50	25° E 27'43	-2°50'39	
				minimum elong	-12132 Oct 09 j 16:26	25° E 18'40	2°48'24	
superior conj	-12134 May 09 j 14:33	19° A 58'43	0°07'09	min. Earth dist.	-12132 Oct 08 j 22:29	25° E 47'39	0.27972 AU	
minimum elong	-12134 May 09 j 13:10	19° A 54'22	0°06'36	morning rise	-12132 Oct 15 j 14:04	21° E 41'13		
behind sun begin	-12134 May 08 j 15:45	18° A 47'00		asc. node	-12132 Oct 21 j 14:28	18° E 53'04		
behind sun end	-12134 May 10 j 10:34	21° A 01'45		direct	-12132 Oct 30 j 05:42	17° E 19'46		
	-12134 May 17 j 13:31	0° X		greatest brilliancy	-12132 Nov 08 j 07:54	18° E 54'11	-4.8m	
	-12134 Jun 10 j 08:34	0° Y			-12132 Nov 27 j 18:10	0° O		
evening rise	-12134 Jun 16 j 17:08	8° Y 00'55		morning max el	-12132 Dec 18 j 05:59	17° O 49'23	46°01'41	
	-12134 Jul 04 j 04:21	0° B			-12132 Dec 30 j 12:56	0° M		
	-12134 Jul 28 j 03:03	0° II			-12131 Jan 27 j 14:05	0° A		
	-12134 Aug 21 j 06:39	0° E		desc. node	-12131 Feb 12 j 04:28	17° A 32'54		
desc. node	-12134 Aug 28 j 01:36	8° E 22'34			-12131 Feb 23 j 00:24	0° M		
	-12134 Sep 14 j 16:52	0° O			-12131 Mar 20 j 10:56	0° X		
	-12134 Oct 09 j 12:10	0° M			-12131 Apr 14 j 04:14	0° B		
	-12134 Nov 03 j 22:36	0° A			-12131 May 08 j 09:14	0° A		
	-12134 Nov 30 j 16:48	0° M			-12131 Jun 01 j 06:24	0° X		
asc. node	-12134 Dec 17 j 08:42	17° M 12'25		asc. node	-12131 Jun 03 j 02:41	2° X 19'48		
evening max el	-12134 Dec 20 j 18:02	20° M 29'34	44°49'51	greatest brilliancy	-12131 Jun 05 j 03:06	4° X 52'40	-3.9m	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning set	-12131 Jun 12 j 04:36	13° H 48'23		minimum elong	-12129 Dec 18 j 06:22	3° H 38'43	5°56'27
	-12131 Jun 24 j 23:38	0° Y		min. Earth dist.	-12129 Dec 18 j 11:26	3° H 30'34	0.29424 AU
	-12131 Jul 18 j 16:25	0° B		morning rise	-12129 Dec 23 j 09:29	0° H 24'44	
					-12129 Dec 24 j 02:11	30° R M	
superior conj	-12131 Jul 22 j 13:45	4° B 54'46	1°21'40	direct	-12128 Jan 09 j 09:16	24° M 52'40	
minimum elong	-12131 Jul 22 j 09:29	4° B 41'17	1°22'01	greatest brilliancy	-12128 Jan 18 j 18:45	26° M 27'43	-4.7m
max. Earth dist.	-12131 Jul 27 j 23:31	11° B 44'13	1.70836 AU		-12128 Jan 26 j 21:59	0° H	
	-12131 Aug 11 j 11:40	0° II		morning max el	-12128 Feb 27 j 06:21	24° H 27'32	46°06'30
evening rise	-12131 Sep 03 j 16:47	29° II 02'17			-12128 Mar 03 j 23:37	0° M	
	-12131 Sep 04 j 11:19	0° B		desc. node	-12128 Mar 11 j 17:02	7° M 48'11	
desc. node	-12131 Sep 24 j 13:18	24° B 55'05			-12128 Apr 01 j 08:16	0° B	
	-12131 Sep 28 j 16:01	0° B			-12128 Apr 27 j 09:44	0° B	
	-12131 Oct 23 j 01:33	0° M			-12128 May 22 j 07:12	0° H	
	-12131 Nov 16 j 16:09	0° H			-12128 Jun 15 j 12:40	0° H	
	-12131 Dec 11 j 14:29	0° M		asc. node	-12128 Jun 30 j 16:44	19° H 01'42	
	-12130 Jan 06 j 03:02	0° B			-12128 Jul 09 j 09:40	0° Y	
asc. node	-12130 Jan 13 j 18:41	8° B 46'59			-12128 Aug 02 j 03:51	0° B	
	-12130 Feb 01 j 18:48	0° B			-12128 Aug 25 j 23:29	0° II	
	-12130 Mar 02 j 22:40	0° H		morning set	-12128 Aug 28 j 06:40	2° II 53'14	
evening max el	-12130 Mar 03 j 04:32	0° H 13'55	45°34'19		-12128 Sep 18 j 23:15	0° B	
greatest brilliancy	-12130 Apr 11 j 08:46	28° H 11'09	-4.8m				
retrograde	-12130 Apr 21 j 03:31	29° H 53'01		superior conj	-12128 Oct 09 j 17:59	25° B 46'53	0°27'18
evening set	-12130 May 05 j 13:36	26° H 00'42		minimum elong	-12128 Oct 10 j 01:00	26° B 08'32	0°27'38
desc. node	-12130 May 07 j 13:10	24° H 57'52			-12128 Oct 13 j 03:56	0° B	
inferior conj	-12130 May 12 j 00:27	22° H 23'27	-1°05'22	max. Earth dist.	-12128 Oct 15 j 00:19	2° B 17'01	1.72658 AU
minimum elong	-12130 May 11 j 21:57	22° H 27'09	1°05'03	desc. node	-12128 Oct 22 j 01:51	10° B 59'43	
min. Earth dist.	-12130 May 12 j 09:19	22° H 10'21	0.26681 AU		-12128 Nov 06 j 12:29	0° M	
morning rise	-12130 May 18 j 05:32	18° H 52'16		evening rise	-12128 Nov 19 j 14:13	16° M 02'54	
direct	-12130 Jun 01 j 19:24	14° H 49'04			-12128 Nov 30 j 23:15	0° H	
greatest brilliancy	-12130 Jun 13 j 03:35	17° H 10'43	-4.9m		-12128 Dec 25 j 11:36	0° M	
	-12130 Jul 03 j 05:36	0° H			-12127 Jan 19 j 02:52	0° B	
morning max el	-12130 Jul 22 j 08:41	17° H 51'04	46°40'02	asc. node	-12127 Feb 10 j 05:20	26° B 39'51	
	-12130 Aug 02 j 20:47	0° Y			-12127 Feb 13 j 00:10	0° B	
asc. node	-12130 Aug 26 j 17:40	27° Y 02'06			-12127 Mar 10 j 07:28	0° H	
	-12130 Aug 29 j 06:31	0° B			-12127 Apr 05 j 06:18	0° H	
	-12130 Sep 23 j 11:50	0° II			-12127 May 02 j 10:31	0° Y	
	-12130 Oct 18 j 08:57	0° B		evening max el	-12127 May 15 j 21:48	13° Y 53'08	47°24'29
	-12130 Nov 12 j 05:27	0° B			-12127 Jun 02 j 07:30	0° B	
	-12130 Dec 07 j 02:37	0° M		desc. node	-12127 Jun 03 j 23:19	1° B 22'33	
desc. node	-12130 Dec 18 j 03:08	13° M 18'11		greatest brilliancy	-12127 Jun 26 j 09:03	15° B 09'25	-4.9m
	-12130 Dec 31 j 22:22	0° H		retrograde	-12127 Jul 05 j 17:14	16° B 49'35	
morning set	-12129 Jan 25 j 02:20	29° H 24'14		evening set	-12127 Jul 23 j 09:08	10° B 49'52	
	-12129 Jan 25 j 14:02	0° M		min. Earth dist.	-12127 Jul 25 j 16:37	9° B 25'43	0.26666 AU
	-12129 Feb 19 j 00:21	0° B		inferior conj	-12127 Jul 26 j 11:37	8° B 56'32	-8°46'10
max. Earth dist.	-12129 Feb 24 j 17:21	7° B 02'59	1.73165 AU	minimum elong	-12127 Jul 26 j 10:12	8° B 58'43	8°45'43
				morning rise	-12127 Jul 29 j 11:22	7° B 07'39	
superior conj	-12129 Mar 01 j 08:49	12° B 47'36	-1°11'01	direct	-12127 Aug 15 j 14:24	1° B 22'23	
minimum elong	-12129 Mar 01 j 15:07	13° B 07'05	1°11'33	greatest brilliancy	-12127 Aug 25 j 08:35	3° B 12'20	-4.9m
	-12129 Mar 15 j 05:53	0° B		asc. node	-12127 Sep 23 j 05:34	23° B 05'28	
evening rise	-12129 Apr 05 j 11:49	26° B 26'25			-12127 Sep 30 j 12:54	0° II	
asc. node	-12129 Apr 08 j 02:20	29° B 41'10		morning max el	-12127 Oct 04 j 17:44	4° II 09'45	46°21'38
	-12129 Apr 08 j 08:22	0° H			-12127 Oct 29 j 01:08	0° B	
	-12129 May 02 j 09:39	0° H			-12127 Nov 24 j 14:42	0° B	
	-12129 May 26 j 11:21	0° Y			-12127 Dec 20 j 12:26	0° M	
	-12129 Jun 19 j 15:22	0° B		desc. node	-12126 Jan 14 j 17:05	29° M 37'47	
	-12129 Jul 14 j 00:18	0° II			-12126 Jan 15 j 00:35	0° H	
desc. node	-12129 Jul 30 j 17:01	20° II 18'35			-12126 Feb 09 j 03:10	0° M	
	-12129 Aug 07 j 18:13	0° B			-12126 Mar 05 j 19:43	0° B	
	-12129 Sep 02 j 04:36	0° B			-12126 Mar 30 j 03:14	0° B	
	-12129 Sep 29 j 02:40	0° M		morning set	-12126 Apr 01 j 09:49	2° B 49'30	
evening max el	-12129 Oct 08 j 17:08	9° M 54'59	46°00'15		-12126 Apr 23 j 04:02	0° H	
	-12129 Oct 31 j 03:21	0° H		max. Earth dist.	-12126 May 04 j 04:26	13° H 49'43	1.71466 AU
greatest brilliancy	-12129 Nov 15 j 23:03	9° H 25'30	-4.8m	asc. node	-12126 May 05 j 15:15	15° H 39'11	
asc. node	-12129 Nov 19 j 01:04	10° H 30'59					
retrograde	-12129 Nov 27 j 06:02	11° H 48'28		superior conj	-12126 May 07 j 07:13	17° H 44'50	0°03'54
evening set	-12129 Dec 13 j 03:21	6° H 49'32		minimum elong	-12126 May 07 j 06:31	17° H 42'37	0°03'22
inferior conj	-12129 Dec 18 j 15:01	3° H 24'47	5°58'07	behind sun begin	-12126 May 06 j 07:47	16° H 31'10	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

behind sun end	-12126 May 08 j 05:14	18° \approx 54'06		direct	-12124 Oct 27 j 20:57	15° \approx 02'58	
	-12126 May 17 j 00:47	0° H		greatest brilliancy	-12124 Nov 05 j 23:09	16° \approx 37'21	-4.8m
	-12126 Jun 09 j 19:59	0° Y			-12124 Nov 28 j 07:00	0° Ω	
evening rise	-12126 Jun 14 j 06:05	5° Y 34'20		morning max el	-12124 Dec 15 j 21:02	15° Ω 35'18	46°01'54
	-12126 Jul 03 j 15:56	0° B			-12124 Dec 30 j 07:56	0° M	
	-12126 Jul 27 j 14:50	0° II			-12123 Jan 27 j 04:56	0° Ω	
	-12126 Aug 20 j 18:39	0° E		desc. node	-12123 Feb 11 j 06:35	16° Ω 59'52	
desc. node	-12126 Aug 27 j 03:48	7° E 52'06			-12123 Feb 22 j 13:28	0° M	
	-12126 Sep 14 j 05:12	0° Ω			-12123 Mar 19 j 23:07	0° X	
	-12126 Oct 09 j 01:07	0° M			-12123 Apr 13 j 15:57	0° Z	
	-12126 Nov 03 j 12:49	0° Ω			-12123 May 07 j 20:44	0° \approx	
	-12126 Nov 30 j 10:08	0° M			-12123 May 31 j 17:48	0° H	
asc. node	-12126 Dec 16 j 11:03	16° M 25'17		asc. node	-12123 Jun 02 j 04:56	1° H 50'53	
evening max el	-12126 Dec 18 j 10:12	18° M 19'07	44°50'24	greatest brilliancy	-12123 Jun 04 j 05:33	4° H 24'23	-3.9m
	-12126 Dec 31 j 10:15	0° X		morning set	-12123 Jun 09 j 18:08	11° H 23'26	
greatest brilliancy	-12125 Jan 24 j 19:37	15° X 19'00	-4.7m		-12123 Jun 24 j 11:00	0° Y	
retrograde	-12125 Feb 04 j 08:47	17° X 16'39			-12123 Jul 18 j 03:47	0° B	
evening set	-12125 Feb 21 j 15:22	11° X 45'20					
inferior conj	-12125 Feb 25 j 16:37	9° X 18'58	7°35'09	superior conj	-12123 Jul 19 j 23:45	2° B 18'53	1°20'52
minimum elong	-12125 Feb 25 j 22:56	9° X 09'16	7°33'51	minimum elong	-12123 Jul 19 j 18:31	2° B 02'22	1°21'10
min. Earth dist.	-12125 Feb 26 j 21:38	8° X 34'25	0.28910 AU	max. Earth dist.	-12123 Jul 24 j 23:45	8° B 37'42	1.70801 AU
morning rise	-12125 Mar 02 j 06:07	6° X 33'50			-12123 Aug 10 j 23:04	0° II	
direct	-12125 Mar 19 j 15:43	0° X 58'33		evening rise	-12123 Sep 01 j 00:02	26° II 19'40	
greatest brilliancy	-12125 Mar 30 j 22:25	3° X 15'04	-4.8m		-12123 Sep 03 j 22:46	0° E	
desc. node	-12125 Apr 09 j 04:31	7° X 54'35		desc. node	-12123 Sep 23 j 15:24	24° E 26'08	
	-12125 May 06 j 04:46	0° Z			-12123 Sep 28 j 03:31	0° Ω	
morning max el	-12125 May 08 j 15:16	2° Z 23'14	46°29'30		-12123 Oct 22 j 13:09	0° M	
	-12125 Jun 03 j 12:33	0° \approx			-12123 Nov 16 j 04:03	0° Ω	
	-12125 Jun 29 j 05:36	0° H			-12123 Dec 11 j 02:59	0° M	
	-12125 Jul 23 j 20:59	0° Y			-12122 Jan 05 j 16:50	0° X	
asc. node	-12125 Jul 29 j 06:38	6° Y 40'21		asc. node	-12122 Jan 12 j 21:05	8° X 13'00	
	-12125 Aug 17 j 01:26	0° B			-12122 Feb 01 j 11:25	0° Z	
	-12125 Sep 10 j 03:20	0° II		evening max el	-12122 Feb 28 j 16:41	27° Z 51'08	45°30'59
	-12125 Oct 04 j 07:42	0° E			-12122 Mar 02 j 23:32	0° \approx	
	-12125 Oct 28 j 16:22	0° Ω		greatest brilliancy	-12122 Apr 08 j 20:54	25° \approx 46'17	-4.8m
morning set	-12125 Nov 13 j 18:08	19° Ω 41'39		retrograde	-12122 Apr 18 j 14:44	27° \approx 27'45	
desc. node	-12125 Nov 19 j 15:21	26° Ω 53'31		evening set	-12122 May 03 j 01:48	23° \approx 34'41	
	-12125 Nov 22 j 04:20	0° M		desc. node	-12122 May 06 j 15:30	21° \approx 38'36	
	-12125 Dec 16 j 17:05	0° Ω		inferior conj	-12122 May 09 j 12:30	19° \approx 58'00	-0°42'00
max. Earth dist.	-12125 Dec 21 j 02:54	5° Ω 23'52	1.73828 AU	minimum elong	-12122 May 09 j 10:53	20° \approx 00'24	0°42'00
				min. Earth dist.	-12122 May 09 j 23:34	19° \approx 41'42	0.26733 AU
superior conj	-12125 Dec 22 j 17:14	7° Ω 21'14	-1°04'10	morning rise	-12122 May 15 j 19:04	16° \approx 24'42	
minimum elong	-12125 Dec 22 j 08:59	6° Ω 55'56	1°04'01	direct	-12122 May 30 j 07:50	12° \approx 22'06	
	-12124 Jan 10 j 04:27	0° M		greatest brilliancy	-12122 Jun 10 j 18:50	14° \approx 46'03	-4.9m
evening rise	-12124 Jan 27 j 14:32	21° M 24'50			-12122 Jul 03 j 16:41	0° H	
greatest brilliancy	-12124 Feb 02 j 09:55	28° M 33'37	-3.9m	morning max el	-12122 Jul 19 j 21:00	15° H 20'44	46°40'29
	-12124 Feb 03 j 13:59	0° X			-12122 Aug 02 j 16:08	0° Y	
	-12124 Feb 27 j 23:01	0° Z		asc. node	-12122 Aug 25 j 19:44	26° Y 22'18	
asc. node	-12124 Mar 09 j 16:25	13° Z 10'57			-12122 Aug 28 j 21:55	0° B	
	-12124 Mar 23 j 09:23	0° \approx			-12122 Sep 23 j 01:29	0° II	
	-12124 Apr 16 j 22:42	0° H			-12122 Oct 17 j 21:37	0° E	
	-12124 May 11 j 16:42	0° Y			-12122 Nov 11 j 17:28	0° Ω	
	-12124 Jun 05 j 19:17	0° B			-12122 Dec 06 j 14:11	0° M	
desc. node	-12124 Jul 01 j 09:09	29° B 39'46		desc. node	-12122 Dec 17 j 05:20	12° M 50'17	
	-12124 Jul 01 j 16:18	0° II			-12122 Dec 31 j 09:37	0° Ω	
evening max el	-12124 Jul 26 j 22:40	27° II 22'24	47°43'23	morning set	-12121 Jan 22 j 20:47	27° Ω 20'09	
	-12124 Jul 29 j 12:54	0° E			-12121 Jan 25 j 01:06	0° M	
greatest brilliancy	-12124 Sep 06 j 00:34	29° E 30'29	-4.9m		-12121 Feb 18 j 11:19	0° X	
	-12124 Sep 07 j 10:00	0° Ω		max. Earth dist.	-12121 Feb 22 j 14:33	5° X 06'19	1.73215 AU
retrograde	-12124 Sep 16 j 04:42	1° Ω 30'23					
	-12124 Sep 24 j 14:22	30° R E		superior conj	-12121 Feb 27 j 04:46	10° X 46'57	-1°12'20
evening set	-12124 Oct 01 j 13:36	26° E 38'18		minimum elong	-12121 Feb 27 j 10:44	11° X 05'25	1°12'52
min. Earth dist.	-12124 Oct 06 j 14:19	23° E 29'26	0.27917 AU		-12121 Mar 14 j 16:53	0° Z	
inferior conj	-12124 Oct 07 j 02:38	23° E 09'32	-3°10'19	evening rise	-12121 Apr 03 j 06:49	24° Z 21'31	
minimum elong	-12124 Oct 07 j 08:49	22° E 59'32	3°07'54	asc. node	-12121 Apr 07 j 04:31	29° Z 13'17	
morning rise	-12124 Oct 13 j 04:55	19° E 24'19			-12121 Apr 07 j 19:31	0° \approx	
asc. node	-12124 Oct 20 j 16:45	16° E 07'11			-12121 May 01 j 21:04	0° H	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12121 May 25 j 23:07	0°Υ					-12119 Oct 28 j 17:57	0°Ϣ			
	-12121 Jun 19 j 03:32	0°Ϣ					-12119 Nov 24 j 04:46	0°Ω			
	-12121 Jul 13 j 12:59	0°Π					-12119 Dec 20 j 01:05	0°ϯ			
desc. node	-12121 Jul 29 j 19:15	19°Π45'41				desc. node	-12118 Jan 13 j 19:11	29°ϯ09'00			
	-12121 Aug 07 j 07:40	0°Ϣ					-12118 Jan 14 j 12:23	0°Ω			
	-12121 Sep 01 j 19:32	0°Ω					-12118 Feb 08 j 14:28	0°ϯ			
	-12121 Sep 28 j 21:27	0°ϯ					-12118 Mar 05 j 06:44	0°ϣ			
evening max el	-12121 Oct 06 j 08:32	7°ϯ40'03	46°04'05				-12118 Mar 29 j 14:09	0°Ϣ			
	-12121 Oct 31 j 18:55	0°Ω				morning set	-12118 Mar 30 j 05:05	0°Ϣ46'22			
greatest brilliancy	-12121 Nov 13 j 16:35	7°Ω18'25	-4.8m				-12118 Apr 22 j 14:57	0°≈			
asc. node	-12121 Nov 18 j 03:23	8°Ω47'22				max. Earth dist.	-12118 May 01 j 16:14	11°≈21'39	1.71523 AU		
retrograde	-12121 Nov 25 j 00:15	9°Ω42'29				asc. node	-12118 May 04 j 17:34	15°≈11'59			
evening set	-12121 Dec 10 j 19:01	4°Ω45'50									
inferior conj	-12121 Dec 16 j 08:45	1°Ω18'07	5°45'40			superior conj	-12118 May 05 j 00:02	15°≈32'21	0°00'38		
minimum elong	-12121 Dec 16 j 00:05	1°Ω32'02	5°43'58			minimum elong	-12118 May 05 j 00:01	15°≈32'16	0°00'07		
min. Earth dist.	-12121 Dec 16 j 04:12	1°Ω25'25	0.29397 AU			behind sun begin	-12118 May 04 j 01:19	14°≈20'57			
	-12121 Dec 18 j 09:30	30°ϣϯ				behind sun end	-12118 May 05 j 22:43	16°≈43'37			
morning rise	-12121 Dec 21 j 05:19	28°ϯ15'06					-12118 May 16 j 11:48	0°ϣ			
direct	-12120 Jan 07 j 02:09	22°ϯ46'11					-12118 Jun 09 j 07:09	0°Υ			
greatest brilliancy	-12120 Jan 16 j 11:05	24°ϯ21'06	-4.7m			evening rise	-12118 Jun 11 j 19:09	3°Υ09'04			
	-12120 Jan 28 j 06:45	0°Ω					-12118 Jul 03 j 03:15	0°Ϣ			
morning max el	-12120 Feb 24 j 23:29	22°Ω21'16	46°05'56				-12118 Jul 27 j 02:20	0°Π			
	-12120 Mar 03 j 19:43	0°ϯ					-12118 Aug 20 j 06:25	0°Ϣ			
desc. node	-12120 Mar 10 j 19:07	7°ϯ06'24				desc. node	-12118 Aug 26 j 05:55	7°Ϣ22'14			
	-12120 Mar 31 j 23:22	0°ϣ					-12118 Sep 13 j 17:20	0°Ω			
	-12120 Apr 26 j 22:57	0°Ϣ					-12118 Oct 08 j 13:51	0°ϯ			
	-12120 May 21 j 19:31	0°≈					-12118 Nov 03 j 02:50	0°Ω			
	-12120 Jun 15 j 00:31	0°ϣ					-12118 Nov 30 j 03:25	0°ϯ			
asc. node	-12120 Jun 29 j 18:57	18°ϣ31'54				asc. node	-12118 Dec 15 j 13:26	15°ϯ38'41			
	-12120 Jul 08 j 21:17	0°Υ				evening max el	-12118 Dec 16 j 02:05	16°ϯ09'06	44°51'09		
	-12120 Aug 01 j 15:20	0°Ϣ					-12118 Dec 31 j 17:27	0°ϣ			
	-12120 Aug 25 j 10:51	0°Π				greatest brilliancy	-12117 Jan 22 j 10:54	13°ϣ10'55	-4.7m		
morning set	-12120 Aug 25 j 15:45	0°Π15'23				retrograde	-12117 Feb 02 j 00:13	15°ϣ08'50			
	-12120 Sep 18 j 10:30	0°Ϣ				evening set	-12117 Feb 19 j 08:57	9°ϣ34'50			
						inferior conj	-12117 Feb 23 j 08:43	7°ϣ10'07	7°41'31		
superior conj	-12120 Oct 07 j 04:09	23°Ϣ15'21	0°30'50			minimum elong	-12117 Feb 23 j 14:29	7°ϣ01'14	7°40'20		
minimum elong	-12120 Oct 07 j 11:59	23°Ϣ39'34	0°31'09			min. Earth dist.	-12117 Feb 24 j 12:53	6°ϣ26'42	0.28973 AU		
max. Earth dist.	-12120 Oct 12 j 13:57	29°Ϣ56'34	1.72588 AU			morning rise	-12117 Feb 27 j 19:39	4°ϣ28'07			
	-12120 Oct 12 j 15:04	0°Ω					-12117 Mar 09 j 12:40	30°ϣϯ			
desc. node	-12120 Oct 21 j 04:07	10°Ω32'30				direct	-12117 Mar 17 j 08:24	28°ϯ48'41			
	-12120 Nov 05 j 23:33	0°ϯ					-12117 Mar 25 j 09:57	0°ϣ			
evening rise	-12120 Nov 17 j 05:19	13°ϯ48'10				greatest brilliancy	-12117 Mar 28 j 12:57	1°ϣ02'42	-4.8m		
	-12120 Nov 30 j 10:19	0°Ω				desc. node	-12117 Apr 08 j 06:51	6°ϣ36'46			
	-12120 Dec 24 j 22:48	0°ϯ					-12117 May 06 j 03:28	0°Ϣ			
	-12119 Jan 18 j 14:25	0°ϣ				morning max el	-12117 May 06 j 06:12	0°Ϣ06'44	46°28'33		
asc. node	-12119 Feb 09 j 07:28	26°ϣ09'58					-12117 Jun 03 j 04:41	0°≈			
	-12119 Feb 12 j 12:24	0°Ϣ					-12117 Jun 28 j 19:29	0°ϣ			
	-12119 Mar 09 j 20:52	0°≈					-12117 Jul 23 j 09:45	0°Υ			
	-12119 Apr 04 j 21:49	0°ϣ				asc. node	-12117 Jul 28 j 08:45	6°Υ07'50			
	-12119 May 02 j 06:31	0°Υ					-12117 Aug 16 j 13:34	0°Ϣ			
evening max el	-12119 May 13 j 11:48	11°Υ29'20	47°21'21				-12117 Sep 09 j 15:05	0°Π			
	-12119 Jun 02 j 20:52	0°Ϣ					-12117 Oct 03 j 19:10	0°Ϣ			
desc. node	-12119 Jun 03 j 01:37	0°Ϣ09'30					-12117 Oct 28 j 03:36	0°Ω			
greatest brilliancy	-12119 Jun 23 j 20:19	12°Ϣ37'21	-4.9m			morning set	-12117 Nov 11 j 07:29	17°Ω21'42			
retrograde	-12119 Jul 03 j 06:14	14°Ϣ18'41				desc. node	-12117 Nov 18 j 17:32	26°Ω26'25			
evening set	-12119 Jul 20 j 19:24	8°Ϣ22'35					-12117 Nov 21 j 15:22	0°ϯ			
min. Earth dist.	-12119 Jul 23 j 04:18	6°Ϣ56'33	0.26635 AU				-12117 Dec 16 j 03:58	0°Ω			
inferior conj	-12119 Jul 23 j 23:56	6°Ϣ26'31	-8°43'50			max. Earth dist.	-12117 Dec 19 j 00:52	3°Ω30'55	1.73812 AU		
minimum elong	-12119 Jul 23 j 21:35	6°Ϣ30'06	8°43'21								
morning rise	-12119 Jul 26 j 23:55	4°Ϣ37'43				superior conj	-12117 Dec 20 j 10:26	5°Ω13'41	-1°02'16		
	-12119 Aug 05 j 20:34	30°ϣΥ				minimum elong	-12117 Dec 20 j 01:59	4°Ω47'49	1°02'03		
direct	-12119 Aug 13 j 03:16	28°Υ53'19					-12116 Jan 09 j 15:14	0°ϯ			
	-12119 Aug 20 j 15:33	0°Ϣ				evening rise	-12116 Jan 25 j 10:20	19°ϯ24'46			
greatest brilliancy	-12119 Aug 22 j 21:09	0°Ϣ43'27	-4.9m			greatest brilliancy	-12116 Feb 01 j 04:35	27°ϯ43'49	-3.9m		
asc. node	-12119 Sep 22 j 07:50	22°Ϣ04'20					-12116 Feb 03 j 00:51	0°ϣ			
	-12119 Sep 30 j 13:15	0°Π					-12116 Feb 27 j 10:06	0°Ϣ			
morning max el	-12119 Oct 02 j 08:07	1°Π47'15	46°22'33			asc. node	-12116 Mar 08 j 18:42	12°Ϣ43'30			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12116 Mar 22 j 20:54	0°≈			-12114 Nov 11 j 05:23	0°Ω	
	-12116 Apr 16 j 10:49	0°✠			-12114 Dec 06 j 01:38	0°⌚	
	-12116 May 11 j 05:41	0°Υ		desc. node	-12114 Dec 16 j 07:25	12°⌚22'22	
	-12116 Jun 05 j 09:35	0°⋈			-12114 Dec 30 j 20:45	0°♊	
desc. node	-12116 Jun 30 j 11:22	28°♋58'50		morning set	-12113 Jan 20 j 14:56	25°♊15'30	
	-12116 Jul 01 j 09:05	0°♊			-12113 Jan 24 j 12:03	0°♋	
evening max el	-12116 Jul 24 j 13:52	25°♊02'11	47°45'15		-12113 Feb 17 j 22:12	0°♌	
	-12116 Jul 29 j 12:26	0°♋		max. Earth dist.	-12113 Feb 20 j 12:46	3°♌13'06	1.73260 AU
greatest brilliancy	-12116 Sep 03 j 18:25	27°♌14'01	-4.9m				
retrograde	-12116 Sep 13 j 20:09	29°♌11'45		superior conj	-12113 Feb 25 j 00:42	8°♌46'32	-1°13'32
evening set	-12116 Sep 29 j 07:29	24°♌17'18		minimum elong	-12113 Feb 25 j 06:19	9°♌03'56	1°14'06
inferior conj	-12116 Oct 04 j 18:22	20°♍51'46	-3°29'40		-12113 Mar 14 j 03:47	0°♍	
minimum elong	-12116 Oct 05 j 01:04	20°♍40'54	3°27'09	evening rise	-12113 Apr 01 j 02:04	22°♍17'44	
min. Earth dist.	-12116 Oct 04 j 06:19	21°♍11'15	0.27863 AU	asc. node	-12113 Apr 06 j 06:53	28°♍46'17	
morning rise	-12116 Oct 10 j 19:28	17°♍08'00			-12113 Apr 07 j 06:34	0°≈	
asc. node	-12116 Oct 19 j 19:08	13°♍26'38			-12113 May 01 j 08:20	0°✠	
direct	-12116 Oct 25 j 11:41	12°♍46'25			-12113 May 25 j 10:44	0°Υ	
greatest brilliancy	-12116 Nov 03 j 14:47	14°♍21'20	-4.8m		-12113 Jun 18 j 15:34	0°⋈	
	-12116 Nov 28 j 16:15	0°Ω			-12113 Jul 13 j 01:34	0°♊	
morning max el	-12116 Dec 13 j 11:27	13°Ω20'09	46°02'14	desc. node	-12113 Jul 28 j 21:24	19°♊12'39	
	-12116 Dec 30 j 02:09	0°⌚			-12113 Aug 06 j 21:08	0°♋	
	-12115 Jan 26 j 19:19	0°♊			-12113 Sep 01 j 10:41	0°Ω	
desc. node	-12115 Feb 10 j 08:38	16°♊27'41			-12113 Sep 28 j 16:53	0°⌚	
	-12115 Feb 22 j 02:09	0°♋		evening max el	-12113 Oct 04 j 00:44	5°⌚26'39	46°07'54
	-12115 Mar 19 j 10:56	0°♌			-12113 Nov 01 j 16:28	0°♊	
	-12115 Apr 13 j 03:19	0°♍		greatest brilliancy	-12113 Nov 11 j 09:56	5°♊10'11	-4.8m
	-12115 May 07 j 07:54	0°≈		asc. node	-12113 Nov 17 j 05:42	6°♊58'57	
	-12115 May 31 j 04:53	0°✠		retrograde	-12113 Nov 22 j 18:34	7°♊35'08	
asc. node	-12115 Jun 01 j 07:09	1°✠22'52		evening set	-12113 Dec 08 j 10:30	2°♋40'54	
greatest brilliancy	-12115 Jun 03 j 07:16	3°✠54'45	-3.9m		-12113 Dec 12 j 19:07	30°♋	
morning set	-12115 Jun 07 j 07:57	9°✠00'15		inferior conj	-12113 Dec 14 j 02:11	29°⌚10'09	5°32'40
	-12115 Jun 23 j 22:06	0°Υ		minimum elong	-12113 Dec 13 j 17:33	29°⌚24'01	5°30'55
				min. Earth dist.	-12113 Dec 13 j 20:28	29°⌚19'20	0.29366 AU
superior conj	-12115 Jul 17 j 09:38	29°Υ43'11	1°19'53	morning rise	-12113 Dec 19 j 00:51	26°⌚04'10	
minimum elong	-12115 Jul 17 j 03:31	29°Υ23'52	1°20'08	direct	-12112 Jan 04 j 19:08	20°⌚38'36	
	-12115 Jul 17 j 14:58	0°⋈		greatest brilliancy	-12112 Jan 14 j 02:33	22°⌚12'46	-4.7m
max. Earth dist.	-12115 Jul 21 j 20:23	5°⋈20'17	1.70777 AU		-12112 Jan 29 j 06:36	0°♊	
	-12115 Aug 10 j 10:18	0°♊		morning max el	-12112 Feb 22 j 16:48	20°♊15'18	46°05'22
evening rise	-12115 Aug 29 j 06:45	23°♊35'52			-12112 Mar 03 j 15:20	0°♋	
	-12115 Sep 03 j 10:02	0°♋		desc. node	-12112 Mar 09 j 21:27	6°♋25'34	
desc. node	-12115 Sep 22 j 17:43	23°♋58'22			-12112 Mar 31 j 14:20	0°♌	
	-12115 Sep 27 j 14:50	0°Ω			-12112 Apr 26 j 12:05	0°♍	
	-12115 Oct 22 j 00:36	0°⌚			-12112 May 21 j 07:46	0°≈	
	-12115 Nov 15 j 15:48	0°♊			-12112 Jun 14 j 12:19	0°✠	
	-12115 Dec 10 j 15:23	0°♋		asc. node	-12112 Jun 28 j 21:05	18°✠01'59	
	-12114 Jan 05 j 06:34	0°♌			-12112 Jul 08 j 08:50	0°Υ	
asc. node	-12114 Jan 11 j 23:17	7°♌38'43			-12112 Aug 01 j 02:45	0°⋈	
	-12114 Feb 01 j 04:07	0°♍		morning set	-12112 Aug 23 j 01:06	27°♍38'24	
evening max el	-12114 Feb 26 j 05:14	25°♍30'30	45°27'59		-12112 Aug 24 j 22:11	0°♊	
	-12114 Mar 03 j 01:17	0°≈			-12112 Sep 17 j 21:46	0°♋	
greatest brilliancy	-12114 Apr 06 j 08:43	23°≈22'48	-4.8m				
retrograde	-12114 Apr 16 j 02:48	25°≈04'40		superior conj	-12112 Oct 04 j 13:53	20°♌42'07	0°34'20
evening set	-12114 Apr 30 j 14:28	21°≈10'21		minimum elong	-12112 Oct 04 j 22:29	21°♌08'47	0°34'39
desc. node	-12114 May 05 j 17:43	18°≈20'08		max. Earth dist.	-12112 Oct 10 j 04:24	27°♌38'13	1.72525 AU
inferior conj	-12114 May 07 j 00:50	17°≈34'28	-0°18'56		-12112 Oct 12 j 02:17	0°Ω	
minimum elong	-12114 May 07 j 00:05	17°≈35'34	0°19'13	desc. node	-12112 Oct 20 j 06:17	10°Ω04'39	
min. Earth dist.	-12114 May 07 j 13:42	17°≈15'32	0.26789 AU		-12112 Nov 05 j 10:44	0°⌚	
morning rise	-12114 May 13 j 08:43	13°≈59'34		evening rise	-12112 Nov 14 j 19:45	11°⌚30'56	
direct	-12114 May 27 j 20:51	9°≈57'02			-12112 Nov 29 j 21:32	0°♊	
greatest brilliancy	-12114 Jun 08 j 09:59	12°≈23'05	-4.9m		-12112 Dec 24 j 10:09	0°♋	
	-12114 Jul 04 j 00:26	0°✠			-12111 Jan 18 j 02:09	0°♌	
morning max el	-12114 Jul 17 j 10:26	12°✠54'16	46°40'37	asc. node	-12111 Feb 08 j 09:49	25°♌40'05	
	-12114 Aug 02 j 10:46	0°Υ			-12111 Feb 12 j 00:51	0°♍	
asc. node	-12114 Aug 24 j 22:00	25°Υ43'47			-12111 Mar 09 j 10:34	0°≈	
	-12114 Aug 28 j 13:00	0°⋈			-12111 Apr 04 j 13:44	0°✠	
	-12114 Sep 22 j 14:57	0°♊			-12111 May 02 j 03:17	0°Υ	
	-12114 Oct 17 j 10:10	0°♋		evening max el	-12111 May 11 j 02:26	9°Υ06'52	47°18'10

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

desc. node	-12111 Jun 02 j 03:51	28° Υ 53'55			-12109 Oct 03 j 06:49	0° Θ	
	-12111 Jun 03 j 14:33	0° \mathcal{B}			-12109 Oct 27 j 15:01	0° Ω	
greatest brilliancy	-12111 Jun 21 j 07:42	10° \mathcal{B} 05'41	-4.9m	morning set	-12109 Nov 08 j 21:04	15° Ω 01'45	
retrograde	-12111 Jun 30 j 19:20	11° \mathcal{B} 47'47		desc. node	-12109 Nov 17 j 19:37	25° Ω 58'25	
evening set	-12111 Jul 18 j 05:22	5° \mathcal{B} 56'21			-12109 Nov 21 j 02:36	0° \mathfrak{M}	
min. Earth dist.	-12111 Jul 20 j 16:05	4° \mathcal{B} 27'43	0.26600 AU		-12109 Dec 15 j 15:03	0° $\underline{\Omega}$	
inferior conj	-12111 Jul 21 j 12:18	3° \mathcal{B} 56'49	-8°40'34	max. Earth dist.	-12109 Dec 16 j 21:40	1° $\underline{\Omega}$ 33'42	1.73802 AU
minimum elong	-12111 Jul 21 j 09:04	4° \mathcal{B} 01'46	8°40'02				
morning rise	-12111 Jul 24 j 12:56	2° \mathcal{B} 07'20		superior conj	-12109 Dec 18 j 03:41	3° $\underline{\Omega}$ 05'34	-1°00'17
	-12111 Jul 28 j 09:03	30° $\mathcal{R}\Upsilon$		minimum elong	-12109 Dec 17 j 19:05	2° $\underline{\Omega}$ 39'15	1°00'01
direct	-12111 Aug 10 j 16:16	26° Υ 24'52			-12108 Jan 09 j 02:19	0° \mathfrak{M}	
greatest brilliancy	-12111 Aug 20 j 09:30	28° Υ 14'34	-4.9m	evening rise	-12108 Jan 23 j 06:01	17° \mathfrak{M} 23'26	
	-12111 Aug 24 j 13:03	0° \mathcal{B}		greatest brilliancy	-12108 Jan 30 j 22:01	26° \mathfrak{M} 49'15	-3.9m
asc. node	-12111 Sep 21 j 10:13	21° \mathcal{B} 05'02			-12108 Feb 02 j 12:02	0° \mathcal{A}	
morning max el	-12111 Sep 29 j 21:50	29° \mathcal{B} 22'58	46°23'15		-12108 Feb 26 j 21:33	0° \mathcal{Z}	
	-12111 Sep 30 j 12:30	0° \mathfrak{I}		asc. node	-12108 Mar 07 j 21:04	12° \mathcal{Z} 15'11	
	-12111 Oct 28 j 10:33	0° Θ			-12108 Mar 22 j 08:46	0° \approx	
	-12111 Nov 23 j 18:52	0° Ω			-12108 Apr 15 j 23:19	0° \mathcal{H}	
	-12111 Dec 19 j 13:54	0° \mathfrak{M}			-12108 May 10 j 19:05	0° Υ	
desc. node	-12110 Jan 12 j 21:17	28° \mathfrak{M} 39'26			-12108 Jun 05 j 00:23	0° \mathcal{B}	
	-12110 Jan 14 j 00:25	0° $\underline{\Omega}$		desc. node	-12108 Jun 29 j 13:36	28° \mathcal{B} 16'30	
	-12110 Feb 08 j 02:00	0° \mathfrak{M}			-12108 Jul 01 j 02:33	0° \mathfrak{I}	
	-12110 Mar 04 j 17:58	0° \mathcal{A}		evening max el	-12108 Jul 22 j 04:24	22° \mathfrak{I} 39'14	47°47'04
morning set	-12110 Mar 28 j 00:06	28° \mathcal{A} 41'52			-12108 Jul 29 j 13:25	0° Θ	
	-12110 Mar 29 j 01:16	0° \mathcal{Z}		greatest brilliancy	-12108 Sep 01 j 12:24	24° Θ 56'40	-4.9m
	-12110 Apr 22 j 02:06	0° \approx		retrograde	-12108 Sep 11 j 11:36	26° Θ 52'29	
max. Earth dist.	-12110 Apr 29 j 03:19	8° \approx 50'43	1.71582 AU	evening set	-12108 Sep 27 j 01:28	21° Θ 55'15	
				inferior conj	-12108 Oct 02 j 10:07	18° Θ 33'19	-3°48'47
superior conj	-12110 May 02 j 16:54	13° \approx 19'26	-0°02'38	minimum elong	-12108 Oct 02 j 17:20	18° Θ 21'40	3°46'09
minimum elong	-12110 May 02 j 17:32	13° \approx 21'24	0°03'08	min. Earth dist.	-12108 Oct 01 j 22:26	18° Θ 52'13	0.27807 AU
behind sun begin	-12110 May 01 j 18:58	12° \approx 10'29		morning rise	-12108 Oct 08 j 09:54	14° Θ 51'25	
behind sun end	-12110 May 03 j 16:06	14° \approx 32'19		asc. node	-12108 Oct 18 j 21:18	10° Θ 50'53	
asc. node	-12110 May 03 j 19:42	14° \approx 43'38		direct	-12108 Oct 23 j 02:04	10° Θ 29'04	
	-12110 May 15 j 23:03	0° \mathcal{H}		greatest brilliancy	-12108 Nov 01 j 06:37	12° Θ 05'00	-4.8m
	-12110 Jun 08 j 18:32	0° Υ			-12108 Nov 28 j 23:11	0° Ω	
evening rise	-12110 Jun 09 j 08:29	0° Υ 43'57		morning max el	-12108 Dec 11 j 02:08	11° Ω 05'02	46°02'41
	-12110 Jul 02 j 14:47	0° \mathcal{B}			-12108 Dec 29 j 20:08	0° \mathfrak{M}	
	-12110 Jul 26 j 14:02	0° \mathfrak{I}			-12107 Jan 26 j 09:46	0° $\underline{\Omega}$	
	-12110 Aug 19 j 18:19	0° Θ		desc. node	-12107 Feb 09 j 10:56	15° $\underline{\Omega}$ 55'34	
desc. node	-12110 Aug 25 j 08:19	6° Θ 52'48			-12107 Feb 21 j 15:03	0° \mathfrak{M}	
	-12110 Sep 13 j 05:36	0° Ω			-12107 Mar 18 j 23:03	0° \mathcal{A}	
	-12110 Oct 08 j 02:47	0° \mathfrak{M}			-12107 Apr 12 j 15:01	0° \mathcal{Z}	
	-12110 Nov 02 j 17:11	0° $\underline{\Omega}$			-12107 May 06 j 19:23	0° \approx	
	-12110 Nov 29 j 21:23	0° \mathfrak{M}			-12107 May 30 j 16:17	0° \mathcal{H}	
evening max el	-12110 Dec 13 j 17:12	13° \mathfrak{M} 56'07	44°51'49	asc. node	-12107 May 31 j 09:17	0° \mathcal{H} 53'37	
asc. node	-12110 Dec 14 j 15:40	14° \mathfrak{M} 49'54		greatest brilliancy	-12107 Jun 02 j 08:40	3° \mathcal{H} 23'11	-3.9m
	-12109 Jan 01 j 03:59	0° \mathcal{A}		morning set	-12107 Jun 04 j 21:50	6° \mathcal{H} 36'23	
greatest brilliancy	-12109 Jan 20 j 02:25	11° \mathcal{A} 01'45	-4.7m		-12107 Jun 23 j 09:30	0° Υ	
retrograde	-12109 Jan 30 j 15:26	12° \mathcal{A} 59'52					
evening set	-12109 Feb 17 j 02:14	7° \mathcal{A} 23'23		superior conj	-12107 Jul 14 j 19:33	27° Υ 06'36	1°18'43
inferior conj	-12109 Feb 21 j 00:47	5° \mathcal{A} 00'08	7°47'06	minimum elong	-12107 Jul 14 j 12:38	26° Υ 44'44	1°18'56
minimum elong	-12109 Feb 21 j 05:56	4° \mathcal{A} 52'10	7°46'04		-12107 Jul 17 j 02:25	0° \mathcal{B}	
min. Earth dist.	-12109 Feb 22 j 04:25	4° \mathcal{A} 17'25	0.29034 AU	max. Earth dist.	-12107 Jul 18 j 19:54	2° \mathcal{B} 11'02	1.70758 AU
morning rise	-12109 Feb 25 j 09:15	2° \mathcal{A} 21'10			-12107 Aug 09 j 21:50	0° \mathfrak{I}	
	-12109 Mar 01 j 17:23	30° $\mathcal{R}\mathfrak{M}$		evening rise	-12107 Aug 26 j 13:35	20° \mathfrak{I} 51'24	
direct	-12109 Mar 15 j 00:29	26° \mathfrak{M} 37'33			-12107 Sep 02 j 21:36	0° Θ	
greatest brilliancy	-12109 Mar 26 j 03:59	28° \mathfrak{M} 49'52	-4.8m	desc. node	-12107 Sep 21 j 19:54	23° Θ 29'16	
	-12109 Mar 28 j 23:09	0° \mathcal{A}			-12107 Sep 27 j 02:26	0° Ω	
desc. node	-12109 Apr 07 j 09:03	5° \mathcal{A} 19'50			-12107 Oct 21 j 12:18	0° \mathfrak{M}	
morning max el	-12109 May 03 j 20:33	27° \mathcal{A} 47'52	46°27'42		-12107 Nov 15 j 03:47	0° $\underline{\Omega}$	
	-12109 May 06 j 01:44	0° \mathcal{Z}			-12107 Dec 10 j 04:02	0° \mathfrak{M}	
	-12109 Jun 02 j 20:55	0° \approx			-12106 Jan 04 j 20:37	0° \mathcal{A}	
	-12109 Jun 28 j 09:32	0° \mathcal{H}		asc. node	-12106 Jan 11 j 01:38	7° \mathcal{A} 04'05	
	-12109 Jul 22 j 22:44	0° Υ			-12106 Jan 31 j 21:23	0° \mathcal{Z}	
asc. node	-12109 Jul 27 j 10:55	5° Υ 34'45		evening max el	-12106 Feb 23 j 18:41	23° \mathcal{Z} 11'24	45°24'53
	-12109 Aug 16 j 01:55	0° \mathcal{B}			-12106 Mar 03 j 04:53	0° \approx	
	-12109 Sep 09 j 03:01	0° \mathfrak{I}		greatest brilliancy	-12106 Apr 03 j 19:57	20° \approx 57'54	-4.8m

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

retrograde	-12106 Apr 13 j 15:15	22° \approx 40'33			-12104 Aug 24 j 09:40	0° Π	
evening set	-12106 Apr 28 j 03:20	18° \approx 44'48			-12104 Sep 17 j 09:10	0° Θ	
inferior conj	-12106 May 04 j 13:04	15° \approx 09'45	0°04'09				
minimum elong	-12106 May 04 j 13:12	15° \approx 09'32	0°03'35	superior conj	-12104 Oct 01 j 23:17	18° Θ 07'24	0°37'48
transit middle	-12106 May 04 j 13:12	15° \approx 09'32	0°03'35	minimum elong	-12104 Oct 02 j 08:37	18° Θ 36'18	0°38'05
transit begin	-12106 May 04 j 09:09	15° \approx 15'29		max. Earth dist.	-12104 Oct 07 j 20:48	25° Θ 25'31	1.72458 AU
transit end	-12106 May 04 j 17:15	15° \approx 03'35			-12104 Oct 11 j 13:36	0° Ω	
desc. node	-12106 May 04 j 19:53	14° \approx 59'43		desc. node	-12104 Oct 19 j 08:23	9° Ω 36'20	
min. Earth dist.	-12106 May 05 j 03:28	14° \approx 48'34	0.26849 AU		-12104 Nov 04 j 22:01	0° Π	
morning rise	-12106 May 10 j 22:07	11° \approx 33'34		evening rise	-12104 Nov 12 j 10:02	9° Π 12'54	
direct	-12106 May 25 j 10:21	7° \approx 30'52			-12104 Nov 29 j 08:50	0° Ω	
greatest brilliancy	-12106 Jun 06 j 00:32	9° \approx 58'19	-4.9m		-12104 Dec 23 j 21:35	0° Π	
	-12106 Jul 04 j 06:25	0° X			-12103 Jan 17 j 13:55	0° X	
morning max el	-12106 Jul 15 j 00:46	10° X 29'13	46°40'46	asc. node	-12103 Feb 07 j 12:12	25° X 10'22	
	-12106 Aug 02 j 05:17	0° Υ			-12103 Feb 11 j 13:19	0° Z	
asc. node	-12106 Aug 24 j 00:21	25° Υ 05'03			-12103 Mar 09 j 00:17	0° \approx	
	-12106 Aug 28 j 04:10	0° B			-12103 Apr 04 j 05:48	0° X	
	-12106 Sep 22 j 04:34	0° Π			-12103 May 02 j 00:41	0° Υ	
	-12106 Oct 16 j 22:52	0° Θ		evening max el	-12103 May 08 j 16:38	6° Υ 43'24	47°14'33
	-12106 Nov 10 j 17:28	0° Ω		desc. node	-12103 Jun 01 j 06:07	27° Υ 35'42	
	-12106 Dec 05 j 13:16	0° Π			-12103 Jun 04 j 14:20	0° B	
desc. node	-12106 Dec 15 j 09:33	11° Π 54'04		greatest brilliancy	-12103 Jun 18 j 19:25	7° B 33'50	-4.9m
	-12106 Dec 30 j 08:03	0° Ω		retrograde	-12103 Jun 28 j 07:41	9° B 15'46	
morning set	-12105 Jan 18 j 09:26	23° Ω 11'26		evening set	-12103 Jul 15 j 14:42	3° B 29'54	
	-12105 Jan 23 j 23:08	0° Π		min. Earth dist.	-12103 Jul 18 j 04:12	1° B 57'12	0.26571 AU
	-12105 Feb 17 j 09:12	0° X		inferior conj	-12103 Jul 19 j 00:28	1° B 26'13	-8°36'09
max. Earth dist.	-12105 Feb 18 j 12:18	1° X 23'36	1.73306 AU	minimum elong	-12103 Jul 18 j 20:22	1° B 32'29	8°35'32
					-12103 Jul 21 j 09:25	30° R Υ	
superior conj	-12105 Feb 22 j 20:53	6° X 46'34	-1°14'39	morning rise	-12103 Jul 22 j 02:12	29° Υ 35'10	
minimum elong	-12105 Feb 23 j 02:09	7° X 02'48	1°15'12	direct	-12103 Aug 08 j 04:50	23° Υ 55'22	
	-12105 Mar 13 j 14:51	0° Z		greatest brilliancy	-12103 Aug 17 j 22:18	25° Υ 45'00	-4.9m
evening rise	-12105 Mar 29 j 21:32	20° Z 14'07			-12103 Aug 26 j 15:49	0° B	
asc. node	-12105 Apr 05 j 09:04	28° Z 18'04		asc. node	-12103 Sep 20 j 12:20	20° B 05'43	
	-12105 Apr 06 j 17:49	0° \approx		morning max el	-12103 Sep 27 j 10:28	26° B 55'07	46°24'03
	-12105 Apr 30 j 19:53	0° X			-12103 Sep 30 j 11:03	0° Π	
	-12105 May 24 j 22:38	0° Υ			-12103 Oct 28 j 02:59	0° Θ	
	-12105 Jun 18 j 03:54	0° B			-12103 Nov 23 j 08:54	0° Ω	
	-12105 Jul 12 j 14:28	0° Π			-12103 Dec 19 j 02:38	0° Π	
desc. node	-12105 Jul 27 j 23:48	18° Π 39'28		desc. node	-12102 Jan 11 j 23:32	28° Π 10'31	
	-12105 Aug 06 j 10:55	0° Θ			-12102 Jan 13 j 12:22	0° Ω	
	-12105 Sep 01 j 02:14	0° Ω			-12102 Feb 07 j 13:27	0° Π	
	-12105 Sep 28 j 13:05	0° Π			-12102 Mar 04 j 05:07	0° X	
evening max el	-12105 Oct 01 j 17:46	3° Π 14'49	46°11'46	morning set	-12102 Mar 25 j 19:33	26° X 39'06	
	-12105 Nov 02 j 22:41	0° Ω			-12102 Mar 28 j 12:16	0° Z	
greatest brilliancy	-12105 Nov 09 j 03:50	3° Ω 02'17	-4.8m		-12102 Apr 21 j 13:06	0° \approx	
asc. node	-12105 Nov 16 j 07:58	5° Ω 06'24		max. Earth dist.	-12102 Apr 26 j 16:52	6° \approx 28'04	1.71642 AU
retrograde	-12105 Nov 20 j 12:58	5° Ω 27'28					
evening set	-12105 Dec 06 j 02:19	0° Ω 35'51		superior conj	-12102 Apr 30 j 10:22	11° \approx 08'55	-0°05'47
	-12105 Dec 07 j 02:38	30° R Π		minimum elong	-12102 Apr 30 j 11:38	11° \approx 12'55	0°06'17
inferior conj	-12105 Dec 11 j 19:45	27° Π 02'06	5°19'17	behind sun begin	-12102 Apr 29 j 14:26	10° \approx 06'19	
minimum elong	-12105 Dec 11 j 11:13	27° Π 15'49	5°17'31	behind sun end	-12102 May 01 j 08:51	12° \approx 19'32	
min. Earth dist.	-12105 Dec 11 j 12:53	27° Π 13'09	0.29327 AU	asc. node	-12102 May 02 j 21:55	14° \approx 15'56	
morning rise	-12105 Dec 16 j 20:29	23° Π 53'05			-12102 May 15 j 10:09	0° X	
direct	-12104 Jan 02 j 12:29	18° Π 31'13		evening rise	-12102 Jun 06 j 22:28	28° X 21'22	
greatest brilliancy	-12104 Jan 11 j 17:43	20° Π 04'03	-4.7m		-12102 Jun 08 j 05:48	0° Υ	
	-12104 Jan 30 j 00:17	0° Ω			-12102 Jul 02 j 02:14	0° B	
morning max el	-12104 Feb 20 j 10:03	18° Ω 09'17	46°04'50		-12102 Jul 26 j 01:43	0° Π	
	-12104 Mar 03 j 10:24	0° Π			-12102 Aug 19 j 06:17	0° Θ	
desc. node	-12104 Mar 08 j 23:35	5° Π 44'40		desc. node	-12102 Aug 24 j 10:28	6° Θ 22'27	
	-12104 Mar 31 j 05:07	0° X			-12102 Sep 12 j 17:57	0° Ω	
	-12104 Apr 26 j 01:12	0° Z			-12102 Oct 07 j 15:48	0° Π	
	-12104 May 20 j 20:05	0° \approx			-12102 Nov 02 j 07:40	0° Ω	
	-12104 Jun 14 j 00:14	0° X			-12102 Nov 29 j 15:44	0° Π	
asc. node	-12104 Jun 27 j 23:19	17° X 31'53		evening max el	-12102 Dec 11 j 07:40	11° Π 41'49	44°52'48
	-12104 Jul 07 j 20:34	0° Υ		asc. node	-12102 Dec 13 j 18:01	14° Π 00'49	
	-12104 Jul 31 j 14:21	0° B			-12101 Jan 01 j 17:55	0° X	
morning set	-12104 Aug 20 j 10:09	24° B 59'52		greatest brilliancy	-12101 Jan 17 j 17:39	8° X 52'50	-4.7m

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

retrograde	-12101 Jan 28 j 06:59	10°♄51'57		superior conj	-12099 Jul 12 j 06:02	24°♃32'49	1°17'26
evening set	-12101 Feb 14 j 19:28	5°♄12'52		minimum elong	-12099 Jul 11 j 22:24	24°♃08'39	1°17'34
inferior conj	-12101 Feb 18 j 17:00	2°♄51'04	7°52'08	max. Earth dist.	-12099 Jul 15 j 23:54	29°♃16'52	1.70739 AU
minimum elong	-12101 Feb 18 j 21:31	2°♄44'04	7°51'12		-12099 Jul 16 j 13:33	0°♄	
min. Earth dist.	-12101 Feb 19 j 20:12	2°♄08'57	0.29090 AU		-12099 Aug 09 j 09:00	0°♄	
morning rise	-12101 Feb 22 j 23:09	0°♄15'09		evening rise	-12099 Aug 23 j 20:53	18°♄09'27	
	-12101 Feb 23 j 09:29	30°♄			-12099 Sep 02 j 08:48	0°♄	
direct	-12101 Mar 12 j 16:22	24°♄27'13		desc. node	-12099 Sep 20 j 22:01	23°♄01'00	
greatest brilliancy	-12101 Mar 23 j 19:39	26°♄38'44	-4.8m		-12099 Sep 26 j 13:43	0°♄	
	-12101 Mar 30 j 22:23	0°♄			-12099 Oct 20 j 23:45	0°♄	
desc. node	-12101 Apr 06 j 11:10	4°♄05'45			-12099 Nov 14 j 15:36	0°♄	
morning max el	-12101 May 01 j 11:27	25°♄31'18	46°27'04		-12099 Dec 09 j 16:33	0°♄	
	-12101 May 05 j 22:52	0°♄			-12098 Jan 04 j 10:37	0°♄	
	-12101 Jun 02 j 12:34	0°♄		asc. node	-12098 Jan 10 j 04:01	6°♄29'47	
	-12101 Jun 27 j 23:09	0°♄			-12098 Jan 31 j 14:47	0°♄	
	-12101 Jul 22 j 11:22	0°♄		evening max el	-12098 Feb 21 j 08:53	20°♄54'58	45°22'01
asc. node	-12101 Jul 26 j 13:15	5°♄03'09			-12098 Mar 03 j 09:57	0°♄	
	-12101 Aug 15 j 14:01	0°♄		greatest brilliancy	-12098 Apr 01 j 07:03	18°♄34'03	-4.8m
	-12101 Sep 08 j 14:48	0°♄		retrograde	-12098 Apr 11 j 03:44	20°♄17'20	
	-12101 Oct 02 j 18:22	0°♄		evening set	-12098 Apr 25 j 16:27	16°♄20'13	
	-12101 Oct 27 j 02:21	0°♄		inferior conj	-12098 May 02 j 01:17	12°♄45'59	0°27'12
morning set	-12101 Nov 06 j 09:53	12°♄39'33		minimum elong	-12098 May 02 j 02:18	12°♄44'29	0°26'20
desc. node	-12101 Nov 16 j 21:49	25°♄31'02		min. Earth dist.	-12098 May 02 j 16:59	12°♄22'53	0.26909 AU
	-12101 Nov 20 j 13:43	0°♄		desc. node	-12098 May 03 j 22:14	11°♄40'03	
max. Earth dist.	-12101 Dec 14 j 16:48	29°♄31'47	1.73785 AU	morning rise	-12098 May 08 j 11:15	9°♄08'42	
	-12101 Dec 15 j 02:02	0°♄		direct	-12098 May 23 j 00:18	5°♄05'50	
				greatest brilliancy	-12098 Jun 03 j 14:29	7°♄33'44	-4.9m
superior conj	-12101 Dec 15 j 20:20	0°♄56'02	-0°58'09		-12098 Jul 04 j 10:10	0°♄	
minimum elong	-12101 Dec 15 j 11:38	0°♄29'23	0°57'51	morning max el	-12098 Jul 12 j 15:13	8°♄05'35	46°40'57
	-12100 Jan 08 j 13:14	0°♄			-12098 Aug 01 j 23:01	0°♄	
evening rise	-12100 Jan 21 j 01:23	15°♄21'45		asc. node	-12098 Aug 23 j 02:23	24°♄26'52	
greatest brilliancy	-12100 Jan 29 j 13:40	25°♄49'44	-3.9m		-12098 Aug 27 j 18:47	0°♄	
	-12100 Feb 01 j 23:04	0°♄			-12098 Sep 21 j 17:42	0°♄	
	-12100 Feb 26 j 08:50	0°♄			-12098 Oct 16 j 11:08	0°♄	
asc. node	-12100 Mar 06 j 23:13	11°♄46'47			-12098 Nov 10 j 05:11	0°♄	
	-12100 Mar 21 j 20:28	0°♄			-12098 Dec 05 j 00:35	0°♄	
	-12100 Apr 15 j 11:37	0°♄		desc. node	-12098 Dec 14 j 11:45	11°♄26'50	
	-12100 May 10 j 08:15	0°♄			-12098 Dec 29 j 19:07	0°♄	
	-12100 Jun 04 j 14:59	0°♄		morning set	-12097 Jan 16 j 03:27	21°♄06'40	
desc. node	-12100 Jun 28 j 15:57	27°♄35'06			-12097 Jan 23 j 10:01	0°♄	
	-12100 Jun 30 j 19:58	0°♄		max. Earth dist.	-12097 Feb 16 j 09:55	29°♄28'53	1.73346 AU
evening max el	-12100 Jul 19 j 18:41	20°♄16'37	47°48'37		-12097 Feb 16 j 20:00	0°♄	
	-12100 Jul 29 j 15:18	0°♄					
greatest brilliancy	-12100 Aug 30 j 05:40	22°♄38'39	-4.9m	superior conj	-12097 Feb 20 j 16:38	4°♄45'55	-1°15'41
retrograde	-12100 Sep 09 j 03:02	24°♄33'11		minimum elong	-12097 Feb 20 j 21:29	5°♄00'51	1°16'14
evening set	-12100 Sep 24 j 19:18	19°♄32'35			-12097 Mar 13 j 01:42	0°♄	
min. Earth dist.	-12100 Sep 29 j 14:13	16°♄32'59	0.27761 AU	evening rise	-12097 Mar 27 j 16:38	18°♄10'12	
inferior conj	-12100 Sep 30 j 01:38	16°♄14'34	-4°07'45	asc. node	-12097 Apr 04 j 11:15	27°♄50'39	
minimum elong	-12100 Sep 30 j 09:19	16°♄02'11	4°05'00		-12097 Apr 06 j 04:49	0°♄	
morning rise	-12100 Oct 05 j 23:57	12°♄34'57			-12097 Apr 30 j 07:11	0°♄	
asc. node	-12100 Oct 17 j 23:37	8°♄20'04			-12097 May 24 j 10:18	0°♄	
direct	-12100 Oct 20 j 16:14	8°♄11'07			-12097 Jun 17 j 16:00	0°♄	
greatest brilliancy	-12100 Oct 29 j 22:22	9°♄48'22	-4.8m		-12097 Jul 12 j 03:08	0°♄	
	-12100 Nov 29 j 04:00	0°♄		desc. node	-12097 Jul 27 j 02:00	18°♄06'25	
morning max el	-12100 Dec 08 j 17:36	8°♄51'44	46°03'09		-12097 Aug 06 j 00:29	0°♄	
	-12100 Dec 29 j 13:38	0°♄			-12097 Aug 31 j 17:37	0°♄	
	-12099 Jan 25 j 23:56	0°♄			-12097 Sep 28 j 09:29	0°♄	
desc. node	-12099 Feb 08 j 13:03	15°♄23'37		evening max el	-12097 Sep 29 j 10:44	1°♄03'47	46°15'36
	-12099 Feb 21 j 03:41	0°♄			-12097 Nov 04 j 18:40	0°♄	
	-12099 Mar 18 j 10:53	0°♄		greatest brilliancy	-12097 Nov 06 j 22:07	0°♄55'49	-4.8m
	-12099 Apr 12 j 02:26	0°♄		asc. node	-12097 Nov 15 j 10:17	3°♄10'39	
	-12099 May 06 j 06:35	0°♄		retrograde	-12097 Nov 18 j 06:56	3°♄20'27	
asc. node	-12099 May 30 j 11:31	0°♄25'37			-12097 Dec 01 j 01:08	30°♄	
	-12099 May 30 j 03:24	0°♄		evening set	-12097 Dec 03 j 18:13	28°♄31'31	
greatest brilliancy	-12099 Jun 01 j 11:22	2°♄56'37	-3.9m	min. Earth dist.	-12097 Dec 09 j 05:30	25°♄07'24	0.29289 AU
morning set	-12099 Jun 02 j 12:11	4°♄14'59		inferior conj	-12097 Dec 09 j 13:17	24°♄54'51	5°05'22
	-12099 Jun 22 j 20:36	0°♄		minimum elong	-12097 Dec 09 j 04:55	25°♄08'21	5°03'37

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning rise	-12097 Dec 14 j 16:03	21° \mathbb{M} 42'37		evening rise	-12094 May 14 j 21:15	0° \mathbb{H}	
direct	-12097 Dec 31 j 05:52	16° \mathbb{M} 24'40			-12094 Jun 04 j 12:21	25° \mathbb{H} 58'39	
greatest brilliancy	-12096 Jan 09 j 09:08	17° \mathbb{M} 56'06	-4.7m		-12094 Jun 07 j 17:02	0° \mathbb{Y}	
	-12096 Jan 30 j 13:15	0° \mathbb{L}			-12094 Jul 01 j 13:39	0° \mathbb{B}	
morning max el	-12096 Feb 18 j 02:38	16° \mathbb{L} 02'13	46°04'10		-12094 Jul 25 j 13:20	0° \mathbb{I}	
	-12096 Mar 03 j 04:48	0° \mathbb{M}			-12094 Aug 18 j 18:11	0° \mathbb{G}	
desc. node	-12096 Mar 08 j 01:41	5° \mathbb{M} 04'35		desc. node	-12094 Aug 23 j 12:37	5° \mathbb{G} 52'18	
	-12096 Mar 30 j 19:34	0° \mathbb{X}			-12094 Sep 12 j 06:14	0° \mathbb{Q}	
	-12096 Apr 25 j 14:03	0° \mathbb{Z}			-12094 Oct 07 j 04:48	0° \mathbb{M}	
	-12096 May 20 j 08:09	0° \approx			-12094 Nov 01 j 22:11	0° \mathbb{L}	
	-12096 Jun 13 j 11:54	0° \mathbb{H}			-12094 Nov 29 j 10:23	0° \mathbb{M}	
asc. node	-12096 Jun 27 j 01:30	17° \mathbb{H} 02'30		evening max el	-12094 Dec 08 j 22:15	9° \mathbb{M} 28'13	44°54'02
	-12096 Jul 07 j 08:01	0° \mathbb{Y}		asc. node	-12094 Dec 12 j 20:23	13° \mathbb{M} 11'23	
	-12096 Jul 31 j 01:41	0° \mathbb{B}			-12093 Jan 02 j 12:18	0° \mathbb{X}	
morning set	-12096 Aug 17 j 19:11	22° \mathbb{B} 21'56		greatest brilliancy	-12093 Jan 15 j 08:18	6° \mathbb{X} 43'58	-4.7m
	-12096 Aug 23 j 20:54	0° \mathbb{I}		retrograde	-12093 Jan 25 j 23:06	8° \mathbb{X} 45'03	
	-12096 Sep 16 j 20:19	0° \mathbb{G}		evening set	-12093 Feb 12 j 12:38	3° \mathbb{X} 03'25	
				inferior conj	-12093 Feb 16 j 09:22	0° \mathbb{X} 42'44	7°56'19
superior conj	-12096 Sep 29 j 08:43	15° \mathbb{G} 33'24	0°41'11	minimum elong	-12093 Feb 16 j 13:16	0° \mathbb{X} 36'42	7°55'28
minimum elong	-12096 Sep 29 j 18:40	16° \mathbb{G} 04'17	0°41'28	min. Earth dist.	-12093 Feb 17 j 11:51	0° \mathbb{X} 01'44	0.29150 AU
max. Earth dist.	-12096 Oct 05 j 13:58	23° \mathbb{G} 15'49	1.72385 AU		-12093 Feb 17 j 12:58	30° \mathbb{R} \mathbb{M}	
	-12096 Oct 11 j 00:40	0° \mathbb{Q}		morning rise	-12093 Feb 20 j 13:30	28° \mathbb{M} 09'43	
desc. node	-12096 Oct 18 j 10:38	9° \mathbb{Q} 09'17		direct	-12093 Mar 10 j 08:37	22° \mathbb{M} 17'34	
	-12096 Nov 04 j 09:01	0° \mathbb{M}		greatest brilliancy	-12093 Mar 21 j 11:30	24° \mathbb{M} 28'32	-4.8m
evening rise	-12096 Nov 10 j 00:11	6° \mathbb{M} 55'14			-12093 Apr 01 j 06:06	0° \mathbb{X}	
	-12096 Nov 28 j 19:51	0° \mathbb{L}		desc. node	-12093 Apr 05 j 13:30	2° \mathbb{X} 54'22	
	-12096 Dec 23 j 08:46	0° \mathbb{M}		morning max el	-12093 Apr 29 j 03:17	23° \mathbb{X} 17'14	46°26'13
	-12095 Jan 17 j 01:31	0° \mathbb{X}			-12093 May 05 j 19:23	0° \mathbb{Z}	
asc. node	-12095 Feb 06 j 14:20	24° \mathbb{X} 40'11			-12093 Jun 02 j 04:08	0° \approx	
	-12095 Feb 11 j 01:42	0° \mathbb{Z}			-12093 Jun 27 j 12:49	0° \mathbb{H}	
	-12095 Mar 08 j 14:02	0° \approx			-12093 Jul 22 j 00:04	0° \mathbb{Y}	
	-12095 Apr 03 j 22:03	0° \mathbb{H}		asc. node	-12093 Jul 25 j 15:18	4° \mathbb{Y} 30'26	
	-12095 May 01 j 22:46	0° \mathbb{Y}			-12093 Aug 15 j 02:09	0° \mathbb{B}	
evening max el	-12095 May 06 j 05:56	4° \mathbb{Y} 18'05	47°10'58		-12093 Sep 08 j 02:35	0° \mathbb{I}	
desc. node	-12095 May 31 j 08:25	26° \mathbb{Y} 15'20			-12093 Oct 02 j 05:54	0° \mathbb{G}	
	-12095 Jun 05 j 22:44	0° \mathbb{B}			-12093 Oct 26 j 13:40	0° \mathbb{Q}	
greatest brilliancy	-12095 Jun 16 j 07:36	5° \mathbb{B} 02'50	-4.9m	morning set	-12093 Nov 03 j 22:37	10° \mathbb{Q} 16'57	
retrograde	-12095 Jun 25 j 19:22	6° \mathbb{B} 44'03		desc. node	-12093 Nov 15 j 23:58	25° \mathbb{Q} 03'30	
evening set	-12095 Jul 12 j 23:35	1° \mathbb{B} 04'19			-12093 Nov 20 j 00:51	0° \mathbb{M}	
	-12095 Jul 14 j 18:36	30° \mathbb{R} \mathbb{Y}		max. Earth dist.	-12093 Dec 12 j 11:57	27° \mathbb{M} 29'48	1.73768 AU
min. Earth dist.	-12095 Jul 15 j 16:37	29° \mathbb{Y} 26'30	0.26540 AU				
inferior conj	-12095 Jul 16 j 12:33	28° \mathbb{Y} 56'03	-8°30'38	superior conj	-12093 Dec 13 j 13:02	28° \mathbb{M} 46'34	-0°55'57
minimum elong	-12095 Jul 16 j 07:36	29° \mathbb{Y} 03'37	8°29'57	minimum elong	-12093 Dec 13 j 04:17	28° \mathbb{M} 19'46	0°55'36
morning rise	-12095 Jul 19 j 15:46	27° \mathbb{Y} 02'51			-12093 Dec 14 j 13:01	0° \mathbb{L}	
direct	-12095 Aug 05 j 16:44	21° \mathbb{Y} 26'05			-12092 Jan 08 j 00:12	0° \mathbb{M}	
greatest brilliancy	-12095 Aug 15 j 11:38	23° \mathbb{Y} 16'24	-4.9m	evening rise	-12092 Jan 18 j 20:58	13° \mathbb{M} 20'44	
	-12095 Aug 28 j 01:20	0° \mathbb{B}		greatest brilliancy	-12092 Jan 28 j 04:15	24° \mathbb{M} 46'51	-3.9m
asc. node	-12095 Sep 19 j 14:37	19° \mathbb{B} 08'35			-12092 Feb 01 j 10:07	0° \mathbb{X}	
morning max el	-12095 Sep 24 j 22:25	24° \mathbb{B} 25'48	46°24'55		-12092 Feb 25 j 20:09	0° \mathbb{Z}	
	-12095 Sep 30 j 08:35	0° \mathbb{I}		asc. node	-12092 Mar 06 j 01:32	11° \mathbb{Z} 18'46	
	-12095 Oct 27 j 18:58	0° \mathbb{G}			-12092 Mar 21 j 08:14	0° \approx	
	-12095 Nov 22 j 22:36	0° \mathbb{Q}			-12092 Apr 15 j 00:03	0° \mathbb{H}	
	-12095 Dec 18 j 15:06	0° \mathbb{M}			-12092 May 09 j 21:42	0° \mathbb{Y}	
desc. node	-12094 Jan 11 j 01:35	27° \mathbb{M} 41'42			-12092 Jun 04 j 06:01	0° \mathbb{B}	
	-12094 Jan 13 j 00:05	0° \mathbb{L}		desc. node	-12092 Jun 27 j 18:09	26° \mathbb{B} 51'51	
	-12094 Feb 07 j 00:42	0° \mathbb{M}			-12092 Jun 30 j 14:05	0° \mathbb{I}	
	-12094 Mar 03 j 16:08	0° \mathbb{X}		evening max el	-12092 Jul 17 j 09:56	17° \mathbb{I} 55'40	47°50'10
morning set	-12094 Mar 23 j 14:47	24° \mathbb{X} 35'57			-12092 Jul 29 j 19:02	0° \mathbb{G}	
	-12094 Mar 27 j 23:13	0° \mathbb{Z}		greatest brilliancy	-12092 Aug 27 j 22:22	20° \mathbb{G} 18'55	-4.9m
	-12094 Apr 21 j 00:05	0° \approx		retrograde	-12092 Sep 06 j 18:49	22° \mathbb{G} 12'50	
max. Earth dist.	-12094 Apr 24 j 07:22	4° \approx 08'29	1.71706 AU	evening set	-12092 Sep 22 j 13:05	17° \mathbb{G} 08'38	
				min. Earth dist.	-12092 Sep 27 j 05:33	14° \mathbb{G} 13'07	0.27711 AU
superior conj	-12094 Apr 28 j 03:38	8° \approx 57'56	-0°08'58	inferior conj	-12092 Sep 27 j 17:00	13° \mathbb{G} 54'41	-4°26'18
minimum elong	-12094 Apr 28 j 05:32	9° \approx 03'54	0°09'26	minimum elong	-12092 Sep 28 j 01:06	13° \mathbb{G} 41'39	4°23'30
behind sun begin	-12094 Apr 27 j 10:55	8° \approx 05'29		morning rise	-12092 Oct 03 j 13:43	10° \mathbb{G} 17'52	
behind sun end	-12094 Apr 29 j 00:09	10° \approx 02'19		asc. node	-12092 Oct 17 j 01:56	5° \mathbb{G} 53'55	
asc. node	-12094 May 02 j 00:12	13° \approx 48'30		direct	-12092 Oct 18 j 06:37	5° \mathbb{G} 52'09	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12092 Oct 27 j 13:30	7° \mathfrak{S} 30'25	-4.8m		-12089 Jul 11 j 16:07	0° \mathbb{I}	
	-12092 Nov 29 j 07:15	0° \mathcal{Q}		desc. node	-12089 Jul 26 j 04:10	17° \mathbb{I} 32'13	
morning max el	-12092 Dec 06 j 09:52	6° \mathcal{Q} 39'58	46°03'38		-12089 Aug 05 j 14:30	0° \mathfrak{S}	
	-12092 Dec 29 j 06:54	0° \mathfrak{M}			-12089 Aug 31 j 09:39	0° \mathcal{Q}	
desc. node	-12091 Jan 25 j 14:04	0° \mathfrak{L}		evening max el	-12089 Sep 27 j 03:07	28° \mathcal{Q} 49'39	46°19'22
	-12091 Feb 07 j 15:06	14° \mathfrak{L} 51'19			-12089 Sep 28 j 07:09	0° \mathfrak{M}	
	-12091 Feb 20 j 16:22	0° \mathfrak{M}		greatest brilliancy	-12089 Nov 04 j 17:02	28° \mathfrak{M} 48'24	-4.8m
	-12091 Mar 17 j 22:47	0° \mathfrak{X}			-12089 Nov 08 j 03:06	0° \mathfrak{L}	
	-12091 Apr 11 j 13:56	0° \mathfrak{Z}		asc. node	-12089 Nov 14 j 12:35	1° \mathfrak{L} 09'03	
	-12091 May 05 j 17:54	0° \mathfrak{A}		retrograde	-12089 Nov 16 j 00:28	1° \mathfrak{L} 11'45	
asc. node	-12091 May 29 j 13:43	29° \mathfrak{A} 56'59			-12089 Nov 23 j 14:44	30° \mathfrak{R} \mathfrak{M}	
	-12091 May 29 j 14:40	0° \mathfrak{X}		evening set	-12089 Dec 01 j 10:11	26° \mathfrak{M} 25'32	
	-12091 May 31 j 02:49	1° \mathfrak{X} 54'04		inferior conj	-12089 Dec 07 j 06:49	22° \mathfrak{M} 46'12	4°50'59
morning set	-12091 Jun 22 j 07:56	0° \mathcal{Y}		minimum elong	-12089 Dec 06 j 22:38	22° \mathfrak{M} 59'26	4°49'15
				min. Earth dist.	-12089 Dec 06 j 22:28	22° \mathfrak{M} 59'42	0.29245 AU
superior conj	-12091 Jul 09 j 16:28	21° \mathcal{Y} 57'58	1°15'57	morning rise	-12089 Dec 12 j 11:31	19° \mathfrak{M} 30'43	
minimum elong	-12091 Jul 09 j 08:11	21° \mathcal{Y} 31'46	1°16'02	direct	-12089 Dec 28 j 22:47	14° \mathfrak{M} 16'48	
max. Earth dist.	-12091 Jul 13 j 04:49	26° \mathcal{Y} 24'41	1.70727 AU	greatest brilliancy	-12088 Jan 07 j 01:01	15° \mathfrak{M} 47'18	-4.7m
	-12091 Jul 16 j 00:58	0° \mathfrak{X}			-12088 Jan 30 j 23:24	0° \mathfrak{L}	
	-12091 Aug 08 j 20:28	0° \mathbb{I}		morning max el	-12088 Feb 15 j 18:13	13° \mathfrak{L} 51'51	46°03'35
evening rise	-12091 Aug 21 j 03:40	15° \mathbb{I} 24'48			-12088 Mar 02 j 23:04	0° \mathfrak{M}	
desc. node	-12091 Sep 01 j 20:19	0° \mathfrak{S}		desc. node	-12088 Mar 07 j 04:01	4° \mathfrak{M} 24'46	
	-12091 Sep 20 j 00:21	22° \mathfrak{S} 32'29			-12088 Mar 30 j 10:09	0° \mathfrak{X}	
	-12091 Sep 26 j 01:17	0° \mathcal{Q}			-12088 Apr 25 j 03:05	0° \mathfrak{Z}	
	-12091 Oct 20 j 11:28	0° \mathfrak{M}			-12088 May 19 j 20:26	0° \mathfrak{A}	
	-12091 Nov 14 j 03:40	0° \mathfrak{L}			-12088 Jun 12 j 23:47	0° \mathfrak{X}	
	-12091 Dec 09 j 05:21	0° \mathfrak{M}		asc. node	-12088 Jun 26 j 03:38	16° \mathfrak{X} 32'14	
	-12090 Jan 04 j 00:57	0° \mathfrak{X}			-12088 Jul 06 j 19:41	0° \mathcal{Y}	
	-12090 Jan 09 j 06:12	5° \mathfrak{X} 54'07			-12088 Jul 30 j 13:14	0° \mathfrak{X}	
evening max el	-12090 Jan 31 j 08:45	0° \mathfrak{Z}		morning set	-12088 Aug 15 j 04:31	19° \mathfrak{X} 43'59	
	-12090 Feb 18 j 23:52	18° \mathfrak{Z} 40'11	45°19'15		-12088 Aug 23 j 08:23	0° \mathbb{I}	
	-12090 Mar 03 j 17:13	0° \mathfrak{A}			-12088 Sep 16 j 07:45	0° \mathfrak{S}	
greatest brilliancy	-12090 Mar 29 j 18:48	16° \mathfrak{A} 11'31	-4.8m				
retrograde	-12090 Apr 08 j 16:14	17° \mathfrak{A} 54'52		superior conj	-12088 Sep 26 j 18:00	12° \mathfrak{S} 57'54	0°44'29
evening set	-12090 Apr 23 j 06:10	13° \mathfrak{A} 56'29		minimum elong	-12088 Sep 27 j 04:30	13° \mathfrak{S} 30'30	0°44'47
inferior conj	-12090 Apr 29 j 13:52	10° \mathfrak{A} 23'06	0°49'48	max. Earth dist.	-12088 Oct 03 j 06:04	21° \mathfrak{S} 01'42	1.72315 AU
minimum elong	-12090 Apr 29 j 15:45	10° \mathfrak{A} 20'21	0°48'41		-12088 Oct 10 j 12:04	0° \mathcal{Q}	
min. Earth dist.	-12090 Apr 30 j 06:48	9° \mathfrak{A} 58'09	0.26971 AU	desc. node	-12088 Oct 17 j 12:48	8° \mathcal{Q} 40'51	
desc. node	-12090 May 03 j 00:24	8° \mathfrak{A} 22'52			-12088 Nov 03 j 20:23	0° \mathfrak{M}	
morning rise	-12090 May 06 j 00:29	6° \mathfrak{A} 44'46		evening rise	-12088 Nov 07 j 13:43	4° \mathfrak{M} 34'28	
direct	-12090 May 20 j 14:37	2° \mathfrak{A} 41'51			-12088 Nov 28 j 07:14	0° \mathfrak{L}	
greatest brilliancy	-12090 Jun 01 j 04:22	5° \mathfrak{A} 09'25	-4.9m		-12088 Dec 22 j 20:19	0° \mathfrak{M}	
	-12090 Jul 04 j 12:32	0° \mathfrak{X}			-12087 Jan 16 j 13:28	0° \mathfrak{X}	
	-12090 Jul 10 j 04:59	5° \mathfrak{X} 39'47	46°40'46	asc. node	-12087 Feb 05 j 16:42	24° \mathfrak{X} 09'44	
asc. node	-12090 Aug 01 j 16:40	0° \mathcal{Y}			-12087 Feb 10 j 14:27	0° \mathfrak{Z}	
	-12090 Aug 22 j 04:39	23° \mathcal{Y} 48'36			-12087 Mar 08 j 04:13	0° \mathfrak{A}	
	-12090 Aug 27 j 09:36	0° \mathfrak{X}			-12087 Apr 03 j 14:53	0° \mathfrak{X}	
	-12090 Sep 21 j 07:08	0° \mathbb{I}			-12087 May 01 j 22:00	0° \mathcal{Y}	
	-12090 Oct 15 j 23:45	0° \mathfrak{S}		evening max el	-12087 May 03 j 18:26	1° \mathcal{Y} 50'11	47°07'18
	-12090 Nov 09 j 17:13	0° \mathcal{Q}		desc. node	-12087 May 30 j 10:38	24° \mathcal{Y} 51'36	
desc. node	-12090 Dec 04 j 12:12	0° \mathfrak{M}			-12087 Jun 07 j 22:24	0° \mathfrak{X}	
	-12090 Dec 13 j 13:49	10° \mathfrak{M} 58'22		greatest brilliancy	-12087 Jun 13 j 20:09	2° \mathfrak{X} 31'47	-4.9m
morning set	-12090 Dec 29 j 06:26	0° \mathfrak{L}		retrograde	-12087 Jun 23 j 06:57	4° \mathfrak{X} 12'14	
	-12089 Jan 13 j 21:25	19° \mathfrak{L} 01'01			-12087 Jul 07 j 22:28	30° \mathfrak{R} \mathcal{Y}	
max. Earth dist.	-12089 Jan 22 j 21:09	0° \mathfrak{M}		evening set	-12087 Jul 10 j 08:13	28° \mathcal{Y} 38'54	
	-12089 Feb 14 j 06:13	27° \mathfrak{M} 29'26	1.73385 AU	min. Earth dist.	-12087 Jul 13 j 05:23	26° \mathcal{Y} 55'18	0.26512 AU
	-12089 Feb 16 j 07:04	0° \mathfrak{X}		inferior conj	-12087 Jul 14 j 00:44	26° \mathcal{Y} 25'49	-8°24'02
				minimum elong	-12087 Jul 13 j 18:57	26° \mathcal{Y} 34'39	8°23'14
superior conj	-12089 Feb 18 j 12:35	2° \mathfrak{X} 45'07	-1°16'36	morning rise	-12087 Jul 17 j 05:48	24° \mathcal{Y} 29'59	
minimum elong	-12089 Feb 18 j 16:59	2° \mathfrak{X} 58'42	1°17'10	direct	-12087 Aug 03 j 04:22	18° \mathcal{Y} 56'25	
	-12089 Mar 12 j 12:48	0° \mathfrak{Z}		greatest brilliancy	-12087 Aug 13 j 01:35	20° \mathcal{Y} 48'17	-4.9m
	-12089 Mar 25 j 12:05	16° \mathfrak{Z} 06'35			-12087 Aug 29 j 01:30	0° \mathfrak{X}	
evening rise	-12089 Apr 03 j 13:36	27° \mathfrak{Z} 22'56		asc. node	-12087 Sep 18 j 16:58	18° \mathfrak{X} 12'26	
asc. node	-12089 Apr 05 j 16:06	0° \mathfrak{A}		morning max el	-12087 Sep 22 j 10:20	21° \mathfrak{X} 55'43	46°25'48
	-12089 Apr 29 j 18:44	0° \mathfrak{X}			-12087 Sep 30 j 05:33	0° \mathbb{I}	
	-12089 May 23 j 22:13	0° \mathcal{Y}			-12087 Oct 27 j 10:56	0° \mathfrak{S}	
	-12089 Jun 17 j 04:21	0° \mathfrak{X}			-12087 Nov 22 j 12:29	0° \mathcal{Q}	

	-12087 Dec 18 j 03:50	0°ྐ				-12084 May 09 j 11:15	0°ལ		
desc. node	-12086 Jan 10 j 03:42	27°ྐ12'14				-12084 Jun 03 j 21:12	0°མ		
	-12086 Jan 12 j 12:05	0°ང			desc. node	-12084 Jun 26 j 20:24	26°མ08'20		
	-12086 Feb 06 j 12:13	0°ཎ				-12084 Jun 30 j 08:35	0°ྱ		
	-12086 Mar 03 j 03:22	0°ཨ			evening max el	-12084 Jul 15 j 02:06	15°ྱ37'05	47°51'29	
morning set	-12086 Mar 21 j 10:01	22°ཨ32'15				-12084 Jul 30 j 00:33	0°ཙ		
	-12086 Mar 27 j 10:21	0°ར			greatest brilliancy	-12084 Aug 25 j 14:27	17°ཙ58'14	-4.9m	
	-12086 Apr 20 j 11:16	0°ཿ			retrograde	-12084 Sep 04 j 10:48	19°ཙ51'59		
max. Earth dist.	-12086 Apr 22 j 00:36	1°ཿ57'01	1.71770 AU		evening set	-12084 Sep 20 j 06:53	14°ཙ44'09		
					inferior conj	-12084 Sep 25 j 08:13	11°ཙ34'18	-4°44'36	
superior conj	-12086 Apr 25 j 21:06	6°ཿ47'02	-0°12'06		minimum elong	-12084 Sep 25 j 16:43	11°ཙ20'41	4°41'44	
minimum elong	-12086 Apr 25 j 23:36	6°ཿ54'54	0°12'33		min. Earth dist.	-12084 Sep 24 j 20:27	11°ཙ53'13	0.27661 AU	
behind sun begin	-12086 Apr 25 j 09:20	6°ཿ10'08			morning rise	-12084 Oct 01 j 03:10	8°ཙ00'38		
behind sun end	-12086 Apr 26 j 13:52	7°ཿ39'39			direct	-12084 Oct 15 j 21:27	3°ཙ32'55		
asc. node	-12086 May 01 j 02:21	13°ཿ20'05			asc. node	-12084 Oct 16 j 04:08	3°ཙ33'01		
	-12086 May 14 j 08:32	0°ཁ			greatest brilliancy	-12084 Oct 25 j 04:01	5°ཙ11'34	-4.8m	
evening rise	-12086 Jun 02 j 02:42	23°ཁ36'52				-12084 Nov 29 j 08:58	0°ོ		
	-12086 Jun 07 j 04:28	0°ལ			morning max el	-12084 Dec 04 j 02:24	4°ོ28'57	46°04'08	
	-12086 Jul 01 j 01:16	0°མ				-12084 Dec 28 j 23:44	0°ྐ		
	-12086 Jul 25 j 01:09	0°ྱ				-12083 Jan 25 j 03:59	0°ང		
	-12086 Aug 18 j 06:15	0°ཙ			desc. node	-12083 Feb 06 j 17:24	14°ང20'06		
desc. node	-12086 Aug 22 j 15:00	5°ཙ22'22				-12083 Feb 20 j 04:56	0°ཎ		
	-12086 Sep 11 j 18:42	0°ོ				-12083 Mar 17 j 10:39	0°ཨ		
	-12086 Oct 06 j 18:01	0°ྐ				-12083 Apr 11 j 01:24	0°ར		
	-12086 Nov 01 j 13:04	0°ང				-12083 May 05 j 05:10	0°ཿ		
	-12086 Nov 29 j 05:49	0°ཎ			morning set	-12083 May 28 j 17:37	29°ཿ33'57		
evening max el	-12086 Dec 06 j 13:27	7°ཎ15'24	44°55'19		asc. node	-12083 May 28 j 15:51	29°ཿ28'23		
asc. node	-12086 Dec 11 j 22:35	12°ཎ19'57				-12083 May 29 j 01:52	0°ཁ		
	-12085 Jan 03 j 13:59	0°ཨ				-12083 Jun 21 j 19:09	0°ལ		
greatest brilliancy	-12085 Jan 12 j 22:37	4°ཨ34'00	-4.7m						
retrograde	-12085 Jan 23 j 15:44	6°ཨ37'23			superior conj	-12083 Jul 07 j 03:09	19°ལ24'22	1°14'19	
evening set	-12085 Feb 10 j 05:36	0°ཨ53'34			minimum elong	-12083 Jul 06 j 18:20	18°ལ56'29	1°14'21	
	-12085 Feb 11 j 17:30	30°ཪཎ			max. Earth dist.	-12083 Jul 10 j 09:56	23°ལ33'29	1.70716 AU	
inferior conj	-12085 Feb 14 j 01:44	28°ཎ33'38	7°59'46			-12083 Jul 15 j 12:15	0°མ		
minimum elong	-12085 Feb 14 j 05:00	28°ཎ28'36	7°59'01			-12083 Aug 08 j 07:49	0°ྱ		
min. Earth dist.	-12085 Feb 15 j 03:07	27°ཎ54'21	0.29205 AU		evening rise	-12083 Aug 18 j 10:32	12°ྱ40'35		
morning rise	-12085 Feb 18 j 04:02	26°ཎ03'21				-12083 Sep 01 j 07:43	0°ཙ		
direct	-12085 Mar 08 j 01:19	20°ཎ07'22			desc. node	-12083 Sep 19 j 02:28	22°ཙ03'35		
greatest brilliancy	-12085 Mar 19 j 02:53	22°ཎ17'28	-4.7m			-12083 Sep 25 j 12:46	0°ོ		
	-12085 Apr 02 j 05:19	0°ཨ				-12083 Oct 19 j 23:07	0°ྐ		
desc. node	-12085 Apr 04 j 15:41	1°ཨ44'15				-12083 Nov 13 j 15:38	0°ང		
morning max el	-12085 Apr 26 j 19:47	21°ཨ04'43	46°25'23			-12083 Dec 08 j 18:04	0°ཎ		
	-12085 May 05 j 15:24	0°ར				-12082 Jan 03 j 15:16	0°ཨ		
	-12085 Jun 01 j 19:33	0°ཿ			asc. node	-12082 Jan 08 j 08:35	5°ཨ19'16		
	-12085 Jun 27 j 02:26	0°ཁ				-12082 Jan 31 j 02:59	0°ར		
	-12085 Jul 21 j 12:47	0°ལ			evening max el	-12082 Feb 16 j 14:17	16°ར24'25	45°16'21	
asc. node	-12085 Jul 24 j 17:30	3°ལ58'05				-12082 Mar 04 j 02:58	0°ཿ		
	-12085 Aug 14 j 14:21	0°མ			greatest brilliancy	-12082 Mar 27 j 07:05	13°ཿ49'54	-4.8m	
	-12085 Sep 07 j 14:27	0°ྱ			retrograde	-12082 Apr 06 j 04:08	15°ཿ32'34		
	-12085 Oct 01 j 17:29	0°ཙ			evening set	-12082 Apr 20 j 19:59	11°ཿ32'44		
	-12085 Oct 26 j 01:01	0°ོ			inferior conj	-12082 Apr 27 j 02:25	8°ཿ00'33	1°12'15	
morning set	-12085 Nov 01 j 11:22	7°ོ54'05			minimum elong	-12082 Apr 27 j 05:07	7°ཿ56'33	1°10'52	
desc. node	-12085 Nov 15 j 02:03	24°ོ35'37			min. Earth dist.	-12082 Apr 27 j 20:52	7°ཿ33'16	0.27035 AU	
	-12085 Nov 19 j 12:01	0°ྐ			desc. node	-12082 May 02 j 02:36	5°ཿ07'22		
max. Earth dist.	-12085 Dec 10 j 08:57	25°ྐ33'16	1.73753 AU		morning rise	-12082 May 03 j 13:23	4°ཿ21'11		
					direct	-12082 May 18 j 04:23	0°ཿ18'05		
superior conj	-12085 Dec 11 j 05:35	26°ྐ36'24	-0°53'39		greatest brilliancy	-12082 May 29 j 18:28	2°ཿ45'28	-4.9m	
minimum elong	-12085 Dec 10 j 20:49	26°ྐ09'35	0°53'16			-12082 Jul 04 j 13:27	0°ཁ		
	-12085 Dec 14 j 00:04	0°ང			morning max el	-12082 Jul 07 j 17:41	3°ཁ11'37	46°40'44	
	-12084 Jan 07 j 11:15	0°ཎ				-12082 Aug 01 j 09:47	0°ལ		
evening rise	-12084 Jan 16 j 16:28	11°ཎ19'12			asc. node	-12082 Aug 21 j 07:00	23°ལ11'33		
greatest brilliancy	-12084 Jan 26 j 21:37	23°ཎ52'19	-3.9m			-12082 Aug 27 j 00:02	0°མ		
	-12084 Jan 31 j 21:16	0°ཨ				-12082 Sep 20 j 20:15	0°ྱ		
	-12084 Feb 25 j 07:34	0°ར				-12082 Oct 15 j 12:04	0°ཙ		
asc. node	-12084 Mar 05 j 03:51	10°ར50'28				-12082 Nov 09 j 05:00	0°ོ		
	-12084 Mar 20 j 20:05	0°ཿ				-12082 Dec 03 j 23:36	0°ྐ		
	-12084 Apr 14 j 12:36	0°ཁ			desc. node	-12082 Dec 12 j 15:57	10°ྐ30'44		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12082 Dec 28 j 17:31	0°♌		evening set	-12079 Jul 07 j 16:20	26°♑13'48	
morning set	-12081 Jan 11 j 15:26	16°♌56'12		min. Earth dist.	-12079 Jul 10 j 17:51	24°♑24'20	0.26491 AU
	-12081 Jan 22 j 08:02	0°♌		inferior conj	-12079 Jul 11 j 12:42	23°♑55'43	-8°16'21
max. Earth dist.	-12081 Feb 12 j 01:54	25°♌28'52	1.73424 AU	minimum elong	-12079 Jul 11 j 06:08	24°♑05'42	8°15'24
	-12081 Feb 15 j 17:52	0°♌		morning rise	-12079 Jul 14 j 20:02	21°♑56'55	
				direct	-12079 Jul 31 j 15:59	16°♑26'34	
superior conj	-12081 Feb 16 j 08:39	0°♌45'36	-1°17'25	greatest brilliancy	-12079 Aug 10 j 15:34	18°♑20'25	-4.9m
minimum elong	-12081 Feb 16 j 12:36	0°♌57'47	1°17'59		-12079 Aug 29 j 19:15	0°♌	
	-12081 Mar 11 j 23:41	0°♌		asc. node	-12079 Sep 17 j 19:05	17°♌17'17	
evening rise	-12081 Mar 23 j 07:39	14°♌04'07		morning max el	-12079 Sep 19 j 22:50	19°♌27'23	46°26'46
asc. node	-12081 Apr 02 j 15:46	26°♌55'15			-12079 Sep 30 j 01:42	0°♌	
	-12081 Apr 05 j 03:11	0°♌			-12079 Oct 27 j 02:27	0°♌	
	-12081 Apr 29 j 06:08	0°♌			-12079 Nov 22 j 01:59	0°♌	
	-12081 May 23 j 09:59	0°♌			-12079 Dec 17 j 16:12	0°♌	
	-12081 Jun 16 j 16:34	0°♌		desc. node	-12078 Jan 09 j 05:56	26°♌44'01	
	-12081 Jul 11 j 04:57	0°♌			-12078 Jan 11 j 23:45	0°♌	
desc. node	-12081 Jul 25 j 06:33	16°♌59'14			-12078 Feb 05 j 23:26	0°♌	
	-12081 Aug 05 j 04:22	0°♌			-12078 Mar 02 j 14:21	0°♌	
	-12081 Aug 31 j 01:39	0°♌		morning set	-12078 Mar 19 j 05:28	20°♌30'06	
evening max el	-12081 Sep 24 j 18:25	26°♌33'28	46°23'09		-12078 Mar 26 j 21:14	0°♌	
	-12081 Sep 28 j 05:18	0°♌			-12078 Apr 19 j 22:09	0°♌	
greatest brilliancy	-12081 Nov 02 j 12:05	26°♌41'38	-4.8m	max. Earth dist.	-12078 Apr 19 j 18:54	29°♌49'49	1.71828 AU
retrograde	-12081 Nov 13 j 17:41	29°♌03'43					
asc. node	-12081 Nov 13 j 14:52	29°♌03'42		superior conj	-12078 Apr 23 j 14:55	4°♌38'11	-0°15'11
evening set	-12081 Nov 29 j 02:13	24°♌19'49		minimum elong	-12078 Apr 23 j 18:00	4°♌47'51	0°15'38
min. Earth dist.	-12081 Dec 04 j 15:41	20°♌52'11	0.29202 AU	behind sun begin	-12078 Apr 23 j 13:04	4°♌32'23	
inferior conj	-12081 Dec 05 j 00:19	20°♌38'12	4°36'10	behind sun end	-12078 Apr 23 j 22:55	5°♌03'19	
minimum elong	-12081 Dec 04 j 16:22	20°♌51'05	4°34'27	asc. node	-12078 Apr 30 j 04:35	12°♌52'49	
morning rise	-12081 Dec 10 j 06:56	17°♌19'30			-12078 May 13 j 19:31	0°♌	
direct	-12081 Dec 26 j 15:12	12°♌09'27		evening rise	-12078 May 30 j 17:30	21°♌17'28	
greatest brilliancy	-12080 Jan 04 j 17:29	13°♌39'42	-4.7m		-12078 Jun 06 j 15:36	0°♌	
	-12080 Jan 31 j 06:31	0°♌			-12078 Jun 30 j 12:37	0°♌	
morning max el	-12080 Feb 13 j 09:24	11°♌41'17	46°03'12		-12078 Jul 24 j 12:46	0°♌	
	-12080 Mar 02 j 16:36	0°♌			-12078 Aug 17 j 18:09	0°♌	
desc. node	-12080 Mar 06 j 06:06	3°♌45'40		desc. node	-12078 Aug 21 j 17:08	4°♌52'10	
	-12080 Mar 30 j 00:14	0°♌			-12078 Sep 11 j 07:01	0°♌	
	-12080 Apr 24 j 15:44	0°♌			-12078 Oct 06 j 07:08	0°♌	
	-12080 May 19 j 08:24	0°♌			-12078 Nov 01 j 03:55	0°♌	
	-12080 Jun 12 j 11:25	0°♌			-12078 Nov 29 j 01:36	0°♌	
asc. node	-12080 Jun 25 j 05:52	16°♌03'04		evening max el	-12078 Dec 04 j 05:19	5°♌04'51	44°56'48
	-12080 Jul 06 j 07:09	0°♌		asc. node	-12078 Dec 11 j 00:58	11°♌28'37	
	-12080 Jul 30 j 00:34	0°♌			-12077 Jan 05 j 02:01	0°♌	
morning set	-12080 Aug 12 j 13:30	17°♌05'32		greatest brilliancy	-12077 Jan 10 j 12:59	2°♌24'53	-4.7m
	-12080 Aug 22 j 19:38	0°♌		retrograde	-12077 Jan 21 j 08:35	4°♌30'20	
	-12080 Sep 15 j 18:55	0°♌			-12077 Feb 05 j 17:32	30°♌	
				evening set	-12077 Feb 07 j 22:23	28°♌44'49	
superior conj	-12080 Sep 24 j 02:59	10°♌22'14	0°47'44	inferior conj	-12077 Feb 11 j 18:07	26°♌25'09	8°02'39
minimum elong	-12080 Sep 24 j 13:58	10°♌56'20	0°48'01	minimum elong	-12077 Feb 11 j 20:42	26°♌21'09	8°01'59
max. Earth dist.	-12080 Sep 30 j 20:31	18°♌43'17	1.72241 AU	min. Earth dist.	-12077 Feb 12 j 18:00	25°♌48'07	0.29256 AU
	-12080 Oct 09 j 23:11	0°♌		morning rise	-12077 Feb 15 j 18:44	23°♌57'17	
desc. node	-12080 Oct 16 j 14:54	8°♌13'08		direct	-12077 Mar 05 j 18:25	17°♌57'58	
	-12080 Nov 03 j 07:28	0°♌		greatest brilliancy	-12077 Mar 16 j 17:33	20°♌06'20	-4.7m
evening rise	-12080 Nov 05 j 02:56	2°♌13'34			-12077 Apr 02 j 22:17	0°♌	
	-12080 Nov 27 j 18:21	0°♌		desc. node	-12077 Apr 03 j 17:48	0°♌36'33	
	-12080 Dec 22 j 07:36	0°♌		morning max el	-12077 Apr 24 j 12:38	18°♌53'58	46°24'38
	-12079 Jan 16 j 01:11	0°♌			-12077 May 05 j 10:37	0°♌	
asc. node	-12079 Feb 04 j 19:05	23°♌40'07			-12077 Jun 01 j 10:32	0°♌	
	-12079 Feb 10 j 02:58	0°♌			-12077 Jun 26 j 15:41	0°♌	
	-12079 Mar 07 j 18:10	0°♌			-12077 Jul 21 j 01:11	0°♌	
	-12079 Apr 03 j 07:37	0°♌		asc. node	-12077 Jul 23 j 19:49	3°♌26'57	
evening max el	-12079 May 01 j 06:16	29°♌21'48	47°03'31		-12077 Aug 14 j 02:17	0°♌	
	-12079 May 01 j 21:50	0°♌			-12077 Sep 07 j 02:06	0°♌	
desc. node	-12079 May 29 j 12:54	23°♌25'49			-12077 Oct 01 j 04:55	0°♌	
	-12079 Jun 11 j 07:27	0°♌			-12077 Oct 25 j 12:14	0°♌	
greatest brilliancy	-12079 Jun 11 j 08:05	0°♌00'33	-4.9m	morning set	-12077 Oct 29 j 23:41	5°♌30'12	
retrograde	-12079 Jun 20 j 18:24	1°♌40'56		desc. node	-12077 Nov 14 j 04:16	24°♌08'30	
	-12079 Jun 29 j 21:40	30°♌			-12077 Nov 18 j 23:03	0°♌	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

superior conj	-12077 Dec 08 j 21:37	24° \mathbb{M} 25'03	-0°51'13			-12074 May 05 j 09:17	30° \mathbb{R} \mathfrak{Z}	
minimum elong	-12077 Dec 08 j 12:53	23° \mathbb{M} 58'20	0°50'48	direct		-12074 May 15 j 17:51	27° \mathfrak{Z} 54'42	
max. Earth dist.	-12077 Dec 08 j 07:06	23° \mathbb{M} 40'37	1.73734 AU			-12074 May 26 j 10:07	0° \approx	
	-12077 Dec 13 j 11:00	0° \mathfrak{L}		greatest brilliancy		-12074 May 27 j 09:17	0° \approx 22'37	-4.9m
	-12076 Jan 06 j 22:09	0° \mathbb{M}				-12074 Jul 04 j 13:20	0° \mathfrak{H}	
evening rise	-12076 Jan 14 j 11:44	9° \mathbb{M} 17'29		morning max el		-12074 Jul 05 j 05:56	0° \mathfrak{H} 42'06	46°40'45
greatest brilliancy	-12076 Jan 25 j 16:47	23° \mathbb{M} 03'42	-3.9m			-12074 Aug 01 j 02:40	0° \mathfrak{Y}	
	-12076 Jan 31 j 08:18	0° \mathfrak{Z}		asc. node		-12074 Aug 20 j 09:02	22° \mathfrak{Y} 33'44	
	-12076 Feb 24 j 18:53	0° \mathfrak{Z}				-12074 Aug 26 j 14:22	0° \mathfrak{B}	
asc. node	-12076 Mar 04 j 06:02	10° \mathfrak{Z} 22'02				-12074 Sep 20 j 09:18	0° \mathbb{I}	
	-12076 Mar 20 j 07:53	0° \approx				-12074 Oct 15 j 00:21	0° \mathfrak{G}	
	-12076 Apr 14 j 01:05	0° \mathfrak{H}				-12074 Nov 08 j 16:46	0° \mathfrak{O}	
	-12076 May 09 j 00:45	0° \mathfrak{Y}				-12074 Dec 03 j 11:00	0° \mathbb{M}	
	-12076 Jun 03 j 12:23	0° \mathfrak{B}		desc. node		-12074 Dec 11 j 18:10	10° \mathbb{M} 03'13	
desc. node	-12076 Jun 25 j 22:46	25° \mathfrak{B} 25'18				-12074 Dec 28 j 04:41	0° \mathfrak{L}	
	-12076 Jun 30 j 03:15	0° \mathbb{I}		morning set		-12073 Jan 09 j 09:17	14° \mathfrak{L} 50'38	
evening max el	-12076 Jul 12 j 18:46	13° \mathbb{I} 20'25	47°52'35			-12073 Jan 21 j 19:02	0° \mathbb{M}	
	-12076 Jul 30 j 07:53	0° \mathfrak{G}		max. Earth dist.		-12073 Feb 09 j 20:53	23° \mathbb{M} 25'50	1.73464 AU
greatest brilliancy	-12076 Aug 23 j 06:19	15° \mathfrak{G} 37'59	-4.9m					
retrograde	-12076 Sep 02 j 02:48	17° \mathfrak{G} 31'25		superior conj		-12073 Feb 14 j 04:38	28° \mathbb{M} 45'28	-1°18'10
evening set	-12076 Sep 18 j 00:48	12° \mathfrak{G} 20'07		minimum elong		-12073 Feb 14 j 08:06	28° \mathbb{M} 56'09	1°18'42
inferior conj	-12076 Sep 22 j 23:28	9° \mathfrak{G} 14'15	-5°02'32			-12073 Feb 15 j 04:48	0° \mathfrak{Z}	
minimum elong	-12076 Sep 23 j 08:17	9° \mathfrak{G} 00'07	4°59'38			-12073 Mar 11 j 10:41	0° \mathfrak{Z}	
min. Earth dist.	-12076 Sep 22 j 11:12	9° \mathfrak{G} 33'53	0.27613 AU	evening rise		-12073 Mar 21 j 03:08	12° \mathfrak{Z} 01'11	
morning rise	-12076 Sep 28 j 16:26	5° \mathfrak{G} 43'52		asc. node		-12073 Apr 01 j 18:00	26° \mathfrak{Z} 27'27	
direct	-12076 Oct 13 j 12:39	1° \mathfrak{G} 14'12				-12073 Apr 04 j 14:23	0° \approx	
asc. node	-12076 Oct 15 j 06:27	1° \mathfrak{G} 17'55				-12073 Apr 28 j 17:39	0° \mathfrak{H}	
greatest brilliancy	-12076 Oct 22 j 18:25	2° \mathfrak{G} 52'40	-4.8m			-12073 May 22 j 21:54	0° \mathfrak{Y}	
	-12076 Nov 29 j 09:23	0° \mathfrak{O}				-12073 Jun 16 j 04:59	0° \mathfrak{B}	
morning max el	-12076 Dec 01 j 18:31	2° \mathfrak{O} 16'55	46°04'30			-12073 Jul 10 j 18:02	0° \mathbb{I}	
	-12076 Dec 28 j 16:14	0° \mathbb{M}		desc. node		-12073 Jul 24 j 08:44	16° \mathbb{I} 24'56	
	-12075 Jan 24 j 17:46	0° \mathfrak{L}				-12073 Aug 04 j 18:32	0° \mathfrak{G}	
desc. node	-12075 Feb 05 j 19:29	13° \mathfrak{L} 48'30				-12073 Aug 30 j 18:03	0° \mathfrak{O}	
	-12075 Feb 19 j 17:24	0° \mathbb{M}		evening max el		-12073 Sep 22 j 09:05	24° \mathfrak{O} 15'16	46°27'06
	-12075 Mar 16 j 22:24	0° \mathfrak{Z}				-12073 Sep 28 j 04:27	0° \mathbb{M}	
	-12075 Apr 10 j 12:47	0° \mathfrak{Z}		greatest brilliancy		-12073 Oct 31 j 06:57	24° \mathbb{M} 34'28	-4.8m
	-12075 May 04 j 16:23	0° \approx		retrograde		-12073 Nov 11 j 11:08	26° \mathbb{M} 55'55	
morning set	-12075 May 26 j 08:38	27° \approx 14'41		asc. node		-12073 Nov 12 j 17:10	26° \mathbb{M} 54'00	
asc. node	-12075 May 27 j 18:08	29° \approx 00'20		evening set		-12073 Nov 26 j 18:27	22° \mathbb{M} 13'47	
	-12075 May 28 j 13:03	0° \mathfrak{H}		inferior conj		-12073 Dec 02 j 17:58	18° \mathbb{M} 30'16	4°21'00
	-12075 Jun 21 j 06:21	0° \mathfrak{Y}		minimum elong		-12073 Dec 02 j 10:16	18° \mathbb{M} 42'44	4°19'19
				min. Earth dist.		-12073 Dec 02 j 09:04	18° \mathbb{M} 44'40	0.29159 AU
superior conj	-12075 Jul 04 j 14:21	16° \mathfrak{Y} 52'32	1°12'34	morning rise		-12073 Dec 08 j 02:28	15° \mathbb{M} 08'36	
minimum elong	-12075 Jul 04 j 05:05	16° \mathfrak{Y} 23'13	1°12'31	direct		-12073 Dec 24 j 07:31	10° \mathbb{M} 01'59	
max. Earth dist.	-12075 Jul 07 j 11:44	20° \mathfrak{Y} 31'57	1.70703 AU	greatest brilliancy		-12072 Jan 02 j 10:22	11° \mathbb{M} 32'32	-4.7m
	-12075 Jul 14 j 23:29	0° \mathfrak{B}				-12072 Jan 31 j 11:39	0° \mathfrak{L}	
	-12075 Aug 07 j 19:05	0° \mathbb{I}		morning max el		-12072 Feb 11 j 01:07	9° \mathfrak{L} 31'35	46°02'45
evening rise	-12075 Aug 15 j 17:47	9° \mathbb{I} 57'43				-12072 Mar 02 j 09:57	0° \mathbb{M}	
	-12075 Aug 31 j 19:02	0° \mathfrak{G}		desc. node		-12072 Mar 05 j 08:15	3° \mathbb{M} 06'34	
desc. node	-12075 Sep 18 j 04:39	21° \mathfrak{G} 35'06				-12072 Mar 29 j 14:24	0° \mathfrak{Z}	
	-12075 Sep 25 j 00:11	0° \mathfrak{O}				-12072 Apr 24 j 04:32	0° \mathfrak{Z}	
	-12075 Oct 19 j 10:44	0° \mathbb{M}				-12072 May 18 j 20:32	0° \approx	
	-12075 Nov 13 j 03:39	0° \mathfrak{L}				-12072 Jun 11 j 23:13	0° \mathfrak{H}	
	-12075 Dec 08 j 06:52	0° \mathbb{M}		asc. node		-12072 Jun 24 j 08:05	15° \mathfrak{H} 33'16	
	-12074 Jan 03 j 05:47	0° \mathfrak{Z}				-12072 Jul 05 j 18:45	0° \mathfrak{Y}	
asc. node	-12074 Jan 07 j 10:57	4° \mathfrak{Z} 43'56				-12072 Jul 29 j 12:05	0° \mathfrak{B}	
	-12074 Jan 30 j 21:44	0° \mathfrak{Z}		morning set		-12072 Aug 09 j 22:29	14° \mathfrak{B} 26'14	
evening max el	-12074 Feb 14 j 03:54	14° \mathfrak{Z} 06'44	45°13'39			-12072 Aug 22 j 07:05	0° \mathbb{I}	
	-12074 Mar 04 j 15:59	0° \approx				-12072 Sep 15 j 06:20	0° \mathfrak{G}	
greatest brilliancy	-12074 Mar 24 j 20:02	11° \approx 29'23	-4.8m					
retrograde	-12074 Apr 03 j 15:49	13° \approx 11'05		superior conj		-12072 Sep 21 j 11:56	7° \mathfrak{G} 45'33	0°50'53
evening set	-12074 Apr 18 j 10:07	9° \approx 09'17		minimum elong		-12072 Sep 21 j 23:18	8° \mathfrak{G} 20'54	0°51'09
inferior conj	-12074 Apr 24 j 15:10	5° \approx 38'44	1°34'18	max. Earth dist.		-12072 Sep 28 j 07:47	16° \mathfrak{G} 14'16	1.72164 AU
minimum elong	-12074 Apr 24 j 18:41	5° \approx 33'32	1°32'41			-12072 Oct 09 j 10:31	0° \mathfrak{O}	
min. Earth dist.	-12074 Apr 25 j 11:25	5° \approx 08'45	0.27102 AU	desc. node		-12072 Oct 15 j 17:11	7° \mathfrak{O} 45'18	
morning rise	-12074 May 01 j 02:15	1° \approx 58'29		evening rise		-12072 Nov 02 j 16:06	29° \mathfrak{O} 51'54	
desc. node	-12074 May 01 j 04:56	1° \approx 55'01				-12072 Nov 02 j 18:44	0° \mathbb{M}	

asc. node	-12072 Nov 27 j 05:38	0°♊				-12069 Jun 26 j 05:10	0°♋		
	-12072 Dec 21 j 19:05	0°♌				-12069 Jul 20 j 13:51	0°♍		
	-12071 Jan 15 j 13:08	0°♎			asc. node	-12069 Jul 22 j 21:52	2°♍54'10		
	-12071 Feb 03 j 21:13	23°♎09'03				-12069 Aug 13 j 14:29	0°♏		
	-12071 Feb 09 j 15:47	0°♐				-12069 Sep 06 j 14:00	0°♑		
evening max el	-12071 Mar 07 j 08:32	0°♒				-12069 Sep 30 j 16:35	0°♓		
	-12071 Apr 03 j 00:59	0°♈				-12069 Oct 24 j 23:42	0°♐		
desc. node	-12071 Apr 28 j 18:37	26°♈54'09	46°59'50	morning set		-12069 Oct 27 j 11:49	3°♐04'50		
	-12071 May 01 j 23:06	0°♑		desc. node		-12069 Nov 13 j 06:25	23°♐40'18		
greatest brilliancy	-12071 May 28 j 15:12	21°♑56'23				-12069 Nov 18 j 10:21	0°♑		
retrograde	-12071 Jun 08 j 19:22	27°♑27'57	-4.9m	max. Earth dist.		-12069 Dec 06 j 05:38	21°♑48'13	1.73710 AU	
evening set	-12071 Jun 18 j 06:23	29°♑09'08							
min. Earth dist.	-12071 Jul 05 j 00:14	23°♑48'04		superior conj		-12069 Dec 06 j 13:26	22°♑12'08	-0°48'42	
inferior conj	-12071 Jul 08 j 05:58	21°♑53'00	0.26471 AU	minimum elong		-12069 Dec 06 j 04:49	21°♑45'45	0°48'16	
minimum elong	-12071 Jul 09 j 00:38	21°♑24'48	-8°07'34			-12069 Dec 12 j 22:11	0°♊		
morning rise	-12071 Jul 08 j 17:21	21°♑35'48	8°06'28			-12068 Jan 06 j 09:19	0°♌		
direct	-12071 Jul 12 j 10:33	19°♑22'45		evening rise		-12068 Jan 12 j 06:59	7°♌14'56		
greatest brilliancy	-12071 Jul 29 j 04:02	13°♑55'56		greatest brilliancy		-12068 Jan 24 j 16:22	22°♌28'02	-3.9m	
asc. node	-12071 Aug 08 j 05:01	15°♑51'18	-4.9m			-12068 Jan 30 j 19:33	0°♎		
	-12071 Aug 30 j 08:53	0°♏				-12068 Feb 24 j 06:23	0°♐		
morning max el	-12071 Sep 16 j 21:25	16°♏23'01		asc. node		-12068 Mar 03 j 08:22	9°♐53'31		
desc. node	-12071 Sep 17 j 12:19	17°♏00'42	46°27'39			-12068 Mar 19 j 19:52	0°♒		
	-12071 Sep 29 j 21:34	0°♑				-12068 Apr 13 j 13:49	0°♈		
	-12071 Oct 26 j 18:03	0°♓				-12068 May 08 j 14:37	0°♑		
	-12071 Nov 21 j 15:39	0°♐				-12068 Jun 03 j 04:05	0°♏		
	-12071 Dec 17 j 04:45	0°♑		desc. node		-12068 Jun 25 j 00:57	24°♏40'07		
morning set	-12070 Jan 08 j 08:00	26°♑14'42				-12068 Jun 29 j 22:50	0°♑		
	-12070 Jan 11 j 11:35	0°♊		evening max el		-12068 Jul 10 j 11:11	11°♑01'46	47°53'22	
max. Earth dist.	-12070 Feb 05 j 10:51	0°♌				-12068 Jul 30 j 18:31	0°♓		
	-12070 Mar 02 j 01:32	0°♎		greatest brilliancy		-12068 Aug 20 j 22:20	13°♓16'09	-4.9m	
evening rise	-12070 Mar 17 j 01:04	18°♎27'45		retrograde		-12068 Aug 30 j 18:13	15°♓08'31		
	-12070 Mar 26 j 08:21	0°♐		evening set		-12068 Sep 15 j 18:32	9°♓54'01		
asc. node	-12070 Apr 17 j 11:47	27°♐37'26	1.71890 AU	min. Earth dist.		-12068 Sep 20 j 01:49	7°♓12'21	0.27563 AU	
	-12070 Apr 19 j 09:19	0°♒		inferior conj		-12068 Sep 20 j 14:23	6°♓52'12	-5°20'05	
superior conj	-12070 Apr 21 j 08:47	2°♒28'42	-0°18'14	minimum elong		-12068 Sep 20 j 23:28	6°♓37'38	5°17'11	
	-12070 Apr 21 j 12:25	2°♒40'05	0°18'41	morning rise		-12068 Sep 26 j 05:07	3°♓25'12		
asc. node	-12070 Apr 29 j 06:52	12°♒24'48		direct		-12068 Oct 03 j 21:11	30°♒♑		
evening set	-12070 May 13 j 06:48	0°♈		asc. node		-12068 Oct 11 j 03:23	28°♑53'41		
	-12070 May 28 j 08:18	18°♈57'05				-12068 Oct 14 j 08:46	29°♑06'17		
desc. node	-12070 Jun 06 j 03:03	0°♑		greatest brilliancy		-12068 Oct 18 j 15:53	0°♓		
	-12070 Jun 30 j 00:17	0°♏				-12068 Oct 20 j 08:36	0°♓31'49	-4.8m	
	-12070 Jul 24 j 00:40	0°♑		morning max el		-12068 Nov 29 j 09:06	0°♐		
	-12070 Aug 17 j 06:22	0°♓				-12068 Nov 29 j 09:27	0°♐00'51	46°04'55	
	-12070 Aug 20 j 19:20	4°♓21'11				-12068 Dec 28 j 08:45	0°♑		
evening max el	-12070 Sep 10 j 19:42	0°♐		desc. node		-12067 Jan 24 j 07:40	0°♊		
	-12070 Oct 05 j 20:38	0°♑				-12067 Feb 04 j 21:34	13°♊16'26		
	-12070 Oct 31 j 19:17	0°♊				-12067 Feb 19 j 06:00	0°♌		
	-12070 Nov 28 j 22:19	0°♌				-12067 Mar 16 j 10:17	0°♎		
	-12070 Dec 01 j 21:57	2°♌55'24	44°58'28			-12067 Apr 10 j 00:16	0°♐		
asc. node	-12070 Dec 10 j 03:21	10°♌35'39		morning set		-12067 May 04 j 03:41	0°♒		
	-12069 Jan 07 j 10:48	0°♎		asc. node		-12067 May 23 j 23:58	24°♒56'09		
greatest brilliancy	-12069 Jan 08 j 04:11	0°♎16'32	-4.7m			-12067 May 26 j 20:17	28°♒31'34		
	-12069 Jan 19 j 01:33	2°♎23'15				-12067 May 28 j 00:19	0°♈		
retrograde	-12069 Jan 30 j 02:18	30°♒♌				-12067 Jun 20 j 17:41	0°♑		
evening set	-12069 Feb 05 j 15:16	26°♌36'45		superior conj		-12067 Jul 02 j 01:41	14°♑20'38	1°10'39	
inferior conj	-12069 Feb 09 j 10:46	24°♌16'55	8°04'53	minimum elong		-12067 Jul 01 j 16:02	13°♑50'09	1°10'33	
minimum elong	-12069 Feb 09 j 12:41	24°♌13'56	8°04'15	max. Earth dist.		-12067 Jul 04 j 10:51	17°♑21'26	1.70704 AU	
min. Earth dist.	-12069 Feb 10 j 09:02	23°♌42'17	0.29300 AU			-12067 Jul 14 j 10:54	0°♏		
morning rise	-12069 Feb 13 j 09:53	21°♌51'00				-12067 Aug 07 j 06:35	0°♑		
direct	-12069 Mar 03 j 11:50	15°♌49'07		evening rise		-12067 Aug 13 j 00:42	7°♑13'00		
greatest brilliancy	-12069 Mar 14 j 07:43	17°♌54'44	-4.7m			-12067 Aug 31 j 06:36	0°♓		
desc. node	-12069 Apr 02 j 20:09	29°♌30'50		desc. node		-12067 Sep 17 j 06:57	21°♓06'15		
	-12069 Apr 03 j 11:08	0°♎				-12067 Sep 24 j 11:51	0°♐		
morning max el	-12069 Apr 22 j 05:15	16°♎42'22	46°23'36			-12067 Oct 18 j 22:34	0°♑		
	-12069 May 05 j 05:32	0°♐				-12067 Nov 12 j 15:53	0°♊		
	-12069 Jun 01 j 01:36	0°♒				-12067 Dec 07 j 19:57	0°♌		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12066 Jan 02 j 20:39	0°♊					-12064 Jul 05 j 06:12	0°♑	
asc. node	-12066 Jan 06 j 13:07	4°♊07'20					-12064 Jul 28 j 23:24	0°♋	
	-12066 Jan 30 j 17:09	0°♌			morning set		-12064 Aug 07 j 07:59	11°♋49'10	
evening max el	-12066 Feb 11 j 16:56	11°♌47'28	45°11'11				-12064 Aug 21 j 18:21	0°♍	
	-12066 Mar 05 j 09:21	0°♎					-12064 Sep 14 j 17:33	0°♎	
greatest brilliancy	-12066 Mar 22 j 09:06	9°♎09'18	-4.8m						
retrograde	-12066 Apr 01 j 03:46	10°♎50'28			superior conj		-12064 Sep 18 j 20:53	5°♎09'17	0°53'54
evening set	-12066 Apr 16 j 00:33	6°♎46'09			minimum elong		-12064 Sep 19 j 08:32	5°♎45'33	0°54'12
inferior conj	-12066 Apr 22 j 04:08	3°♎17'39	1°55'59		max. Earth dist.		-12064 Sep 25 j 18:02	13°♎42'25	1.72095 AU
minimum elong	-12066 Apr 22 j 08:24	3°♎11'19	1°54'08				-12064 Oct 08 j 21:42	0°♏	
min. Earth dist.	-12066 Apr 23 j 02:13	2°♎44'56	0.27170 AU		desc. node		-12064 Oct 14 j 19:18	7°♏17'20	
	-12066 Apr 27 j 21:42	30°♏♌			evening rise		-12064 Oct 31 j 04:51	27°♏29'14	
morning rise	-12066 Apr 28 j 15:08	29°♌36'59					-12064 Nov 02 j 05:54	0°♐	
desc. node	-12066 Apr 30 j 07:07	28°♌47'03					-12064 Nov 26 j 16:51	0°♑	
direct	-12066 May 13 j 07:09	25°♌31'56					-12064 Dec 21 j 06:30	0°♒	
greatest brilliancy	-12066 May 25 j 00:34	28°♌01'06	-4.9m				-12063 Jan 15 j 01:01	0°♊	
	-12066 May 29 j 06:53	0°♎			asc. node		-12063 Feb 02 j 23:35	22°♊38'56	
morning max el	-12066 Jul 02 j 18:33	28°♎13'47	46°40'39				-12063 Feb 09 j 04:34	0°♌	
	-12066 Jul 04 j 12:08	0°♍					-12063 Mar 06 j 22:57	0°♎	
	-12066 Jul 31 j 19:14	0°♑					-12063 Apr 02 j 18:35	0°♍	
asc. node	-12066 Aug 19 j 11:19	21°♑56'49			evening max el		-12063 Apr 26 j 07:49	24°♍29'13	46°56'08
	-12066 Aug 26 j 04:38	0°♋					-12063 May 02 j 01:33	0°♑	
	-12066 Sep 19 j 22:24	0°♍			desc. node		-12063 May 27 j 17:25	20°♑24'03	
	-12066 Oct 14 j 12:44	0°♎			greatest brilliancy		-12063 Jun 06 j 06:07	24°♑55'20	-4.9m
	-12066 Nov 08 j 04:40	0°♏			retrograde		-12063 Jun 15 j 18:55	26°♑37'42	
	-12066 Dec 02 j 22:32	0°♐			evening set		-12063 Jul 02 j 07:55	21°♑22'56	
desc. node	-12066 Dec 10 j 20:13	9°♐34'52			min. Earth dist.		-12063 Jul 05 j 17:44	19°♑22'22	0.26448 AU
	-12066 Dec 27 j 15:55	0°♑			inferior conj		-12063 Jul 06 j 12:24	18°♑54'16	-7°57'41
morning set	-12065 Jan 07 j 02:38	12°♑43'16			minimum elong		-12063 Jul 06 j 04:29	19°♑06'12	7°56'28
	-12065 Jan 21 j 06:05	0°♒			morning rise		-12063 Jul 10 j 01:09	16°♑48'39	
max. Earth dist.	-12065 Feb 07 j 16:59	21°♒26'04	1.73503 AU		direct		-12063 Jul 26 j 16:24	11°♑25'58	
					greatest brilliancy		-12063 Aug 05 j 17:43	13°♑22'03	-4.9m
superior conj	-12065 Feb 12 j 00:25	26°♒44'36	-1°18'47				-12063 Aug 30 j 18:39	0°♋	
minimum elong	-12065 Feb 12 j 03:22	26°♒53'43	1°19'20		morning max el		-12063 Sep 15 j 02:08	14°♋35'53	46°28'34
	-12065 Feb 14 j 15:48	0°♊			asc. node		-12063 Sep 15 j 23:42	15°♋30'46	
	-12065 Mar 10 j 21:45	0°♌					-12063 Sep 29 j 16:30	0°♍	
evening rise	-12065 Mar 18 j 22:42	9°♌58'25					-12063 Oct 26 j 09:06	0°♎	
asc. node	-12065 Mar 31 j 20:19	25°♌59'45					-12063 Nov 21 j 04:56	0°♏	
	-12065 Apr 04 j 01:38	0°♎					-12063 Dec 16 j 17:01	0°♐	
	-12065 Apr 28 j 05:10	0°♍			desc. node		-12062 Jan 07 j 10:07	25°♐46'10	
	-12065 May 22 j 09:47	0°♑					-12062 Jan 10 j 23:13	0°♑	
	-12065 Jun 15 j 17:20	0°♋					-12062 Feb 04 j 22:04	0°♒	
	-12065 Jul 10 j 07:05	0°♍					-12062 Mar 01 j 12:31	0°♊	
desc. node	-12065 Jul 23 j 10:57	15°♍50'48			morning set		-12062 Mar 14 j 20:22	16°♊25'17	
	-12065 Aug 04 j 08:46	0°♎					-12062 Mar 25 j 19:16	0°♌	
	-12065 Aug 30 j 10:44	0°♏			max. Earth dist.		-12062 Apr 15 j 03:11	25°♌21'15	1.71951 AU
evening max el	-12065 Sep 19 j 23:53	21°♏57'06	46°30'56				-12062 Apr 18 j 20:16	0°♎	
	-12065 Sep 28 j 04:48	0°♐							
greatest brilliancy	-12065 Oct 29 j 01:13	22°♐25'30	-4.8m		superior conj		-12062 Apr 19 j 02:33	0°♎19'40	-0°21'17
retrograde	-12065 Nov 09 j 04:43	24°♐46'55			minimum elong		-12062 Apr 19 j 06:42	0°♎32'40	0°21'42
asc. node	-12065 Nov 11 j 19:28	24°♐38'25			asc. node		-12062 Apr 28 j 08:59	11°♎56'58	
evening set	-12065 Nov 24 j 10:30	20°♐06'13					-12062 May 12 j 17:52	0°♍	
inferior conj	-12065 Nov 30 j 11:19	16°♐21'02	4°05'09		evening rise		-12062 May 25 j 23:08	16°♍37'34	
minimum elong	-12065 Nov 30 j 03:56	16°♐32'59	4°03'32				-12062 Jun 05 j 14:19	0°♑	
min. Earth dist.	-12065 Nov 30 j 02:03	16°♐36'01	0.29116 AU				-12062 Jun 29 j 11:44	0°♋	
morning rise	-12065 Dec 05 j 21:44	12°♐56'38					-12062 Jul 23 j 12:20	0°♍	
direct	-12065 Dec 21 j 23:34	7°♐53'12					-12062 Aug 16 j 18:17	0°♎	
greatest brilliancy	-12065 Dec 31 j 02:53	9°♐24'13	-4.7m		desc. node		-12062 Aug 19 j 21:43	3°♎51'46	
	-12064 Jan 31 j 15:08	0°♑					-12062 Sep 10 j 08:02	0°♏	
morning max el	-12064 Feb 08 j 17:20	7°♑22'59	46°02'24				-12062 Oct 05 j 09:50	0°♐	
	-12064 Mar 02 j 02:58	0°♒					-12062 Oct 31 j 10:27	0°♑	
desc. node	-12064 Mar 04 j 10:34	2°♒28'23					-12062 Nov 28 j 19:22	0°♒	
	-12064 Mar 29 j 04:24	0°♊			evening max el		-12062 Nov 29 j 14:29	0°♒46'31	44°59'59
	-12064 Apr 23 j 17:13	0°♌			asc. node		-12062 Dec 09 j 05:31	9°♒42'05	
	-12064 May 18 j 08:34	0°♎			greatest brilliancy		-12061 Jan 05 j 20:00	28°♒09'27	-4.7m
	-12064 Jun 11 j 10:52	0°♍					-12061 Jan 12 j 21:43	0°♊	
asc. node	-12064 Jun 23 j 10:10	15°♍03'32			retrograde		-12061 Jan 16 j 17:57	0°♊16'37	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12061 Jan 20 j 12:21	30° $\mathbb{R}\mathbb{M}$		superior conj	-12059 Jun 29 j 13:05	11° \mathbb{Y} 49'45	1°08'36
evening set	-12061 Feb 03 j 07:53	24° \mathbb{M} 29'44		minimum elong	-12059 Jun 29 j 03:09	11° \mathbb{Y} 18'20	1°08'27
inferior conj	-12061 Feb 07 j 03:25	22° \mathbb{M} 09'21	8°06'19	max. Earth dist.	-12059 Jul 01 j 10:30	14° \mathbb{Y} 13'24	1.70707 AU
minimum elong	-12061 Feb 07 j 04:39	22° \mathbb{M} 07'24	8°05'46		-12059 Jul 13 j 22:03	0° \mathbb{B}	
min. Earth dist.	-12061 Feb 08 j 00:22	21° \mathbb{M} 36'39	0.29343 AU		-12059 Aug 06 j 17:48	0° \mathbb{I}	
morning rise	-12061 Feb 11 j 01:13	19° \mathbb{M} 44'54		evening rise	-12059 Aug 10 j 07:46	4° \mathbb{I} 29'30	
direct	-12061 Mar 01 j 05:02	13° \mathbb{M} 40'57			-12059 Aug 30 j 17:54	0° \mathbb{G}	
greatest brilliancy	-12061 Mar 11 j 22:00	15° \mathbb{M} 43'46	-4.7m	desc. node	-12059 Sep 16 j 09:04	20° \mathbb{G} 37'36	
desc. node	-12061 Apr 01 j 22:16	28° \mathbb{M} 26'57			-12059 Sep 23 j 23:15	0° \mathbb{Q}	
	-12061 Apr 03 j 20:29	0° \mathbb{A}			-12059 Oct 18 j 10:10	0° \mathbb{M}	
morning max el	-12061 Apr 19 j 20:57	14° \mathbb{A} 29'19	46°22'36		-12059 Nov 12 j 03:51	0° \mathbb{L}	
	-12061 May 04 j 23:44	0° \mathbb{B}			-12059 Dec 07 j 08:43	0° \mathbb{M}	
	-12061 May 31 j 16:12	0° \mathbb{A}			-12058 Jan 02 j 11:18	0° \mathbb{A}	
	-12061 Jun 25 j 18:16	0° \mathbb{H}		asc. node	-12058 Jan 05 j 15:32	3° \mathbb{A} 32'18	
	-12061 Jul 20 j 02:10	0° \mathbb{Y}			-12058 Jan 30 j 12:42	0° \mathbb{B}	
asc. node	-12061 Jul 22 j 00:05	2° \mathbb{Y} 22'51		evening max el	-12058 Feb 09 j 05:50	9° \mathbb{B} 29'09	45°08'45
	-12061 Aug 13 j 02:22	0° \mathbb{B}			-12058 Mar 06 j 08:00	0° \mathbb{A}	
	-12061 Sep 06 j 01:34	0° \mathbb{I}		greatest brilliancy	-12058 Mar 19 j 21:37	6° \mathbb{A} 49'47	-4.7m
	-12061 Sep 30 j 03:53	0° \mathbb{G}		retrograde	-12058 Mar 29 j 16:12	8° \mathbb{A} 31'14	
	-12061 Oct 24 j 10:46	0° \mathbb{Q}		evening set	-12058 Apr 13 j 15:12	4° \mathbb{A} 23'45	
morning set	-12061 Oct 25 j 00:14	0° \mathbb{Q} 41'26		inferior conj	-12058 Apr 19 j 17:10	0° \mathbb{A} 57'31	2°17'16
desc. node	-12061 Nov 12 j 08:30	23° \mathbb{Q} 13'12		minimum elong	-12058 Apr 19 j 22:11	0° \mathbb{A} 50'06	2°15'12
	-12061 Nov 17 j 21:15	0° \mathbb{M}		min. Earth dist.	-12058 Apr 20 j 16:57	0° \mathbb{A} 22'17	0.27247 AU
					-12058 Apr 21 j 08:02	30° $\mathbb{R}\mathbb{B}$	
superior conj	-12061 Dec 04 j 05:22	20° \mathbb{M} 00'46	-0°46'07	morning rise	-12058 Apr 26 j 03:57	27° \mathbb{B} 16'55	
minimum elong	-12061 Dec 03 j 20:55	19° \mathbb{M} 34'55	0°45'39	desc. node	-12058 Apr 29 j 09:18	25° \mathbb{B} 44'02	
max. Earth dist.	-12061 Dec 04 j 05:03	19° \mathbb{M} 59'48	1.73684 AU	direct	-12058 May 10 j 20:43	23° \mathbb{B} 09'50	
	-12061 Dec 12 j 09:00	0° \mathbb{L}		greatest brilliancy	-12058 May 22 j 16:09	25° \mathbb{B} 40'41	-4.9m
	-12060 Jan 05 j 20:07	0° \mathbb{M}			-12058 May 31 j 00:40	0° \mathbb{A}	
evening rise	-12060 Jan 10 j 02:16	5° \mathbb{M} 13'32		morning max el	-12058 Jun 30 j 08:18	25° \mathbb{A} 48'54	46°40'37
greatest brilliancy	-12060 Jan 23 j 19:54	22° \mathbb{M} 05'27	-3.9m		-12058 Jul 04 j 09:56	0° \mathbb{H}	
	-12060 Jan 30 j 06:30	0° \mathbb{A}			-12058 Jul 31 j 11:23	0° \mathbb{Y}	
	-12060 Feb 23 j 17:38	0° \mathbb{B}		asc. node	-12058 Aug 18 j 13:37	21° \mathbb{Y} 20'39	
asc. node	-12060 Mar 02 j 10:39	9° \mathbb{B} 25'40			-12058 Aug 25 j 18:36	0° \mathbb{B}	
	-12060 Mar 19 j 07:37	0° \mathbb{A}			-12058 Sep 19 j 11:14	0° \mathbb{I}	
	-12060 Apr 13 j 02:20	0° \mathbb{H}			-12058 Oct 14 j 00:53	0° \mathbb{G}	
	-12060 May 08 j 04:18	0° \mathbb{Y}			-12058 Nov 07 j 16:20	0° \mathbb{Q}	
	-12060 Jun 02 j 19:42	0° \mathbb{B}			-12058 Dec 02 j 09:49	0° \mathbb{M}	
desc. node	-12060 Jun 24 j 03:12	23° \mathbb{B} 55'25		desc. node	-12058 Dec 09 j 22:22	9° \mathbb{M} 07'28	
	-12060 Jun 29 j 18:38	0° \mathbb{I}			-12058 Dec 27 j 02:55	0° \mathbb{L}	
evening max el	-12060 Jul 08 j 02:41	8° \mathbb{I} 41'29	47°53'57	morning set	-12057 Jan 04 j 20:13	10° \mathbb{L} 37'14	
	-12060 Jul 31 j 08:10	0° \mathbb{G}			-12057 Jan 20 j 16:53	0° \mathbb{M}	
greatest brilliancy	-12060 Aug 18 j 14:54	10° \mathbb{G} 55'36	-4.9m	max. Earth dist.	-12057 Feb 05 j 15:34	19° \mathbb{M} 34'44	1.73538 AU
retrograde	-12060 Aug 28 j 09:09	12° \mathbb{G} 46'12					
evening set	-12060 Sep 13 j 12:17	7° \mathbb{G} 28'34		superior conj	-12057 Feb 09 j 20:31	24° \mathbb{M} 45'33	-1°19'18
min. Earth dist.	-12060 Sep 17 j 16:42	4° \mathbb{G} 51'10	0.27509 AU	minimum elong	-12057 Feb 09 j 22:58	24° \mathbb{M} 53'07	1°19'52
inferior conj	-12060 Sep 18 j 05:17	4° \mathbb{G} 30'59	-5°37'11		-12057 Feb 14 j 02:33	0° \mathbb{A}	
minimum elong	-12060 Sep 18 j 14:35	4° \mathbb{G} 16'04	5°34'18		-12057 Mar 10 j 08:35	0° \mathbb{B}	
morning rise	-12060 Sep 23 j 17:32	1° \mathbb{G} 07'29		evening rise	-12057 Mar 16 j 18:41	7° \mathbb{B} 57'44	
	-12060 Sep 25 j 19:27	30° $\mathbb{R}\mathbb{I}$		asc. node	-12057 Mar 30 j 22:29	25° \mathbb{B} 32'12	
direct	-12060 Oct 08 j 17:35	26° \mathbb{I} 33'56			-12057 Apr 03 j 12:43	0° \mathbb{A}	
asc. node	-12060 Oct 13 j 10:56	27° \mathbb{I} 00'35			-12057 Apr 27 j 16:36	0° \mathbb{H}	
greatest brilliancy	-12060 Oct 17 j 23:08	28° \mathbb{I} 12'09	-4.8m		-12057 May 21 j 21:37	0° \mathbb{Y}	
	-12060 Oct 22 j 09:05	0° \mathbb{G}			-12057 Jun 15 j 05:42	0° \mathbb{B}	
morning max el	-12060 Nov 26 j 23:39	27° \mathbb{G} 43'56	46°05'33		-12057 Jul 09 j 20:10	0° \mathbb{I}	
	-12060 Nov 29 j 07:22	0° \mathbb{Q}		desc. node	-12057 Jul 22 j 13:19	15° \mathbb{I} 17'09	
	-12060 Dec 28 j 00:31	0° \mathbb{M}			-12057 Aug 03 j 23:05	0° \mathbb{G}	
	-12059 Jan 23 j 21:02	0° \mathbb{L}			-12057 Aug 30 j 03:39	0° \mathbb{Q}	
desc. node	-12059 Feb 03 j 23:52	12° \mathbb{L} 46'19		evening max el	-12057 Sep 17 j 15:35	19° \mathbb{Q} 41'28	46°34'56
	-12059 Feb 18 j 18:11	0° \mathbb{M}			-12057 Sep 28 j 06:16	0° \mathbb{M}	
	-12059 Mar 15 j 21:50	0° \mathbb{A}		greatest brilliancy	-12057 Oct 26 j 19:08	20° \mathbb{M} 16'25	-4.8m
	-12059 Apr 09 j 11:29	0° \mathbb{B}		retrograde	-12057 Nov 06 j 22:49	22° \mathbb{M} 38'14	
	-12059 May 03 j 14:45	0° \mathbb{A}		asc. node	-12057 Nov 10 j 21:44	22° \mathbb{M} 18'35	
morning set	-12059 May 21 j 15:21	22° \mathbb{A} 38'29		evening set	-12057 Nov 22 j 02:46	17° \mathbb{M} 58'44	
asc. node	-12059 May 25 j 22:26	28° \mathbb{A} 03'31		inferior conj	-12057 Nov 28 j 04:42	14° \mathbb{M} 12'01	3°49'01
	-12059 May 27 j 11:22	0° \mathbb{H}		minimum elong	-12057 Nov 27 j 21:40	14° \mathbb{M} 23'24	3°47'28
	-12059 Jun 20 j 04:47	0° \mathbb{Y}		min. Earth dist.	-12057 Nov 27 j 18:50	14° \mathbb{M} 27'58	0.29069 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning rise	-12057 Dec 03 j 17:00	10° \mathbb{M} 45'08			-12054 Jul 23 j 00:12	0° \mathbb{I}	
direct	-12057 Dec 19 j 16:00	5° \mathbb{M} 44'44			-12054 Aug 16 j 06:29	0° \mathfrak{C}	
greatest brilliancy	-12057 Dec 28 j 18:59	7° \mathbb{M} 15'50	-4.7m	desc. node	-12054 Aug 18 j 23:50	3° \mathfrak{C} 20'35	
	-12056 Jan 31 j 16:55	0° \mathfrak{L}			-12054 Sep 09 j 20:45	0° Ω	
morning max el	-12056 Feb 06 j 10:38	5° \mathfrak{L} 17'29	46°02'11		-12054 Oct 04 j 23:31	0° \mathbb{M}	
	-12056 Mar 01 j 19:28	0° \mathbb{M}			-12054 Oct 31 j 02:15	0° \mathfrak{L}	
desc. node	-12056 Mar 03 j 12:37	1° \mathbb{M} 50'25		evening max el	-12054 Nov 27 j 06:21	28° \mathfrak{L} 34'45	45°01'45
	-12056 Mar 28 j 18:05	0° \mathfrak{X}			-12054 Nov 28 j 17:40	0° \mathbb{M}	
	-12056 Apr 23 j 05:42	0° \mathfrak{Z}		asc. node	-12054 Dec 08 j 07:56	8° \mathbb{M} 46'56	
	-12056 May 17 j 20:27	0° \approx		greatest brilliancy	-12053 Jan 03 j 12:18	26° \mathbb{M} 01'59	-4.7m
	-12056 Jun 10 j 22:29	0° \mathfrak{H}		retrograde	-12053 Jan 14 j 10:01	28° \mathbb{M} 09'22	
asc. node	-12056 Jun 22 j 12:26	14° \mathfrak{H} 34'24		evening set	-12053 Feb 01 j 00:20	22° \mathbb{M} 22'27	
	-12056 Jul 04 j 17:40	0° \mathbb{Y}		inferior conj	-12053 Feb 04 j 20:09	20° \mathbb{M} 01'14	8°07'11
	-12056 Jul 28 j 10:48	0° \mathfrak{B}		minimum elong	-12053 Feb 04 j 20:42	20° \mathbb{M} 00'23	8°06'40
morning set	-12056 Aug 04 j 17:13	9° \mathfrak{B} 10'54		min. Earth dist.	-12053 Feb 05 j 16:04	19° \mathbb{M} 30'02	0.29379 AU
	-12056 Aug 21 j 05:42	0° \mathbb{I}		morning rise	-12053 Feb 08 j 16:51	17° \mathbb{M} 37'57	
	-12056 Sep 14 j 04:51	0° \mathfrak{C}		direct	-12053 Feb 26 j 21:51	11° \mathbb{M} 32'11	
				greatest brilliancy	-12053 Mar 09 j 12:52	13° \mathbb{M} 32'48	-4.7m
superior conj	-12056 Sep 16 j 05:16	2° \mathfrak{C} 30'50	0°56'51	desc. node	-12053 Apr 01 j 00:28	27° \mathbb{M} 24'05	
minimum elong	-12056 Sep 16 j 17:07	3° \mathfrak{C} 07'45	0°57'09		-12053 Apr 04 j 03:39	0° \mathfrak{X}	
max. Earth dist.	-12056 Sep 23 j 04:10	11° \mathfrak{C} 09'57	1.72023 AU	morning max el	-12053 Apr 17 j 12:02	12° \mathfrak{X} 14'10	46°21'48
	-12056 Oct 08 j 08:57	0° Ω			-12053 May 04 j 17:45	0° \mathfrak{Z}	
desc. node	-12056 Oct 13 j 21:26	6° Ω 49'14			-12053 May 31 j 06:50	0° \approx	
evening rise	-12056 Oct 28 j 17:10	25° Ω 05'05			-12053 Jun 25 j 07:27	0° \mathfrak{H}	
	-12056 Nov 01 j 17:07	0° \mathbb{M}			-12053 Jul 19 j 14:38	0° \mathbb{Y}	
	-12056 Nov 26 j 04:07	0° \mathfrak{L}		asc. node	-12053 Jul 21 j 02:22	1° \mathbb{Y} 51'17	
	-12056 Dec 20 j 17:59	0° \mathbb{M}			-12053 Aug 12 j 14:26	0° \mathfrak{B}	
	-12055 Jan 14 j 12:59	0° \mathfrak{X}			-12053 Sep 05 j 13:23	0° \mathbb{I}	
asc. node	-12055 Feb 02 j 01:56	22° \mathfrak{X} 08'37			-12053 Sep 29 j 15:30	0° \mathfrak{C}	
	-12055 Feb 08 j 17:25	0° \mathfrak{Z}		morning set	-12053 Oct 22 j 11:59	28° \mathfrak{C} 14'36	
	-12055 Mar 06 j 13:27	0° \approx			-12053 Oct 23 j 22:14	0° Ω	
	-12055 Apr 02 j 12:28	0° \mathfrak{H}		desc. node	-12053 Nov 11 j 10:43	22° Ω 45'09	
evening max el	-12055 Apr 23 j 21:52	22° \mathfrak{H} 06'53	46°52'15		-12053 Nov 17 j 08:34	0° \mathbb{M}	
	-12055 May 02 j 05:24	0° \mathbb{Y}					
desc. node	-12055 May 26 j 19:41	18° \mathbb{Y} 48'29		superior conj	-12053 Dec 01 j 20:34	17° \mathbb{M} 45'52	-0°43'25
greatest brilliancy	-12055 Jun 03 j 16:33	22° \mathbb{Y} 22'37	-4.9m	minimum elong	-12053 Dec 01 j 12:21	17° \mathbb{M} 20'43	0°42'54
retrograde	-12055 Jun 13 j 07:18	24° \mathbb{Y} 05'55		max. Earth dist.	-12053 Dec 02 j 02:11	18° \mathbb{M} 03'06	1.73653 AU
evening set	-12055 Jun 29 j 15:30	18° \mathbb{Y} 57'45			-12053 Dec 11 j 20:12	0° \mathfrak{L}	
min. Earth dist.	-12055 Jul 03 j 05:29	16° \mathbb{Y} 51'23	0.26432 AU		-12052 Jan 05 j 07:19	0° \mathbb{M}	
inferior conj	-12055 Jul 04 j 00:07	16° \mathbb{Y} 23'22	-7°46'48	evening rise	-12052 Jan 07 j 21:00	3° \mathbb{M} 09'18	
minimum elong	-12055 Jul 03 j 15:36	16° \mathbb{Y} 36'10	7°45'24	greatest brilliancy	-12052 Jan 23 j 01:12	21° \mathbb{M} 47'11	-3.9m
morning rise	-12055 Jul 07 j 15:53	14° \mathbb{Y} 13'45			-12052 Jan 29 j 17:49	0° \mathfrak{X}	
direct	-12055 Jul 24 j 05:06	8° \mathbb{Y} 55'40			-12052 Feb 23 j 05:15	0° \mathfrak{Z}	
greatest brilliancy	-12055 Aug 03 j 06:16	10° \mathbb{Y} 51'50	-4.9m	asc. node	-12052 Mar 01 j 12:50	8° \mathfrak{Z} 56'23	
	-12055 Aug 31 j 02:09	0° \mathfrak{B}			-12052 Mar 18 j 19:46	0° \approx	
morning max el	-12055 Sep 12 j 15:45	12° \mathfrak{B} 09'36	46°29'18		-12052 Apr 12 j 15:16	0° \mathfrak{H}	
asc. node	-12055 Sep 15 j 01:49	14° \mathfrak{B} 38'09			-12052 May 07 j 18:24	0° \mathbb{Y}	
	-12055 Sep 29 j 11:17	0° \mathbb{I}			-12052 May 02 j 11:47	0° \mathfrak{B}	
	-12055 Oct 26 j 00:15	0° \mathfrak{C}		desc. node	-12052 Jun 23 j 05:35	23° \mathfrak{B} 09'55	
	-12055 Nov 20 j 18:21	0° Ω			-12052 Jun 29 j 15:13	0° \mathbb{I}	
	-12055 Dec 16 j 05:25	0° \mathbb{M}		evening max el	-12052 Jul 05 j 17:12	6° \mathbb{I} 18'10	47°54'24
desc. node	-12054 Jan 06 j 12:21	25° \mathbb{M} 17'32			-12052 Aug 01 j 02:35	0° \mathfrak{C}	
	-12054 Jan 10 j 10:58	0° \mathfrak{L}		greatest brilliancy	-12052 Aug 16 j 07:42	8° \mathfrak{C} 34'39	-4.9m
	-12054 Feb 04 j 09:25	0° \mathbb{M}		retrograde	-12052 Aug 25 j 23:42	10° \mathfrak{C} 23'19	
	-12054 Feb 28 j 23:39	0° \mathfrak{X}		evening set	-12052 Sep 11 j 06:06	5° \mathfrak{C} 02'15	
morning set	-12054 Mar 12 j 16:03	14° \mathfrak{X} 23'37		inferior conj	-12052 Sep 15 j 20:14	2° \mathfrak{C} 09'08	-5°53'42
	-12054 Mar 25 j 06:18	0° \mathfrak{Z}		minimum elong	-12052 Sep 16 j 05:41	1° \mathfrak{C} 54'00	5°50'52
max. Earth dist.	-12054 Apr 12 j 17:39	23° \mathfrak{Z} 01'53	1.72009 AU	min. Earth dist.	-12052 Sep 15 j 07:52	2° \mathfrak{C} 28'59	0.27464 AU
					-12052 Sep 19 j 06:08	30° \mathfrak{R} \mathbb{I}	
superior conj	-12054 Apr 16 j 20:59	28° \mathfrak{Z} 12'32	-0°24'13	morning rise	-12052 Sep 21 j 05:51	28° \mathbb{I} 49'19	
minimum elong	-12054 Apr 17 j 01:37	28° \mathfrak{Z} 27'02	0°24'38	direct	-12052 Oct 06 j 07:29	24° \mathbb{I} 13'12	
	-12054 Apr 18 j 07:19	0° \approx		asc. node	-12052 Oct 12 j 13:17	24° \mathbb{I} 59'02	
asc. node	-12054 Apr 27 j 11:14	11° \approx 29'11		greatest brilliancy	-12052 Oct 15 j 14:21	25° \mathbb{I} 52'11	-4.8m
	-12054 May 12 j 05:02	0° \mathfrak{H}			-12052 Oct 24 j 10:14	0° \mathfrak{C}	
evening rise	-12054 May 23 j 14:44	14° \mathfrak{H} 20'14		morning max el	-12052 Nov 24 j 13:45	25° \mathfrak{C} 25'12	46°06'02
	-12054 Jun 05 j 01:40	0° \mathbb{Y}			-12052 Nov 29 j 05:20	0° Ω	
	-12054 Jun 28 j 23:20	0° \mathfrak{B}			-12052 Dec 27 j 16:35	0° \mathbb{M}	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12051 Jan 23 j 10:46	0°♌					-12049 Aug 03 j 13:46	0°♏			
desc. node	-12051 Feb 03 j 01:54	12°♌14'11					-12049 Aug 29 j 21:05	0°♏			
	-12051 Feb 18 j 06:44	0°♍		evening max el			-12049 Sep 15 j 08:15	17°♏27'50	46°38'58		
	-12051 Mar 15 j 09:44	0°♎					-12049 Sep 28 j 09:18	0°♐			
	-12051 Apr 08 j 23:01	0°♏		greatest brilliancy			-12049 Oct 24 j 12:56	18°♐06'52	-4.8m		
	-12051 May 03 j 02:09	0°♐		retrograde			-12049 Nov 04 j 17:07	20°♐29'03			
morning set	-12051 May 19 j 06:57	20°♐20'36		asc. node			-12049 Nov 10 j 00:03	19°♐53'41			
asc. node	-12051 May 25 j 00:42	27°♐34'44		evening set			-12049 Nov 19 j 19:14	15°♐50'47			
	-12051 May 26 j 22:44	0°♑		inferior conj			-12049 Nov 25 j 22:06	12°♐02'32	3°32'34		
	-12051 Jun 19 j 16:11	0°♑		minimum elong			-12049 Nov 25 j 15:28	12°♐13'16	3°31'05		
				min. Earth dist.			-12049 Nov 25 j 11:26	12°♐19'47	0.29022 AU		
superior conj	-12051 Jun 27 j 00:55	9°♑19'14	1°06'26	morning rise			-12049 Dec 01 j 12:14	8°♐33'15			
minimum elong	-12051 Jun 26 j 14:47	8°♑47'12	1°06'14	direct			-12049 Dec 17 j 08:53	3°♐35'58			
max. Earth dist.	-12051 Jun 28 j 12:51	11°♑12'55	1.70712 AU	greatest brilliancy			-12049 Dec 26 j 10:41	5°♐06'36	-4.7m		
	-12051 Jul 13 j 09:30	0°♒					-12048 Jan 31 j 17:42	0°♑			
	-12051 Aug 06 j 05:17	0°♒		morning max el			-12048 Feb 04 j 04:15	3°♑12'13	46°01'44		
evening rise	-12051 Aug 07 j 15:26	1°♒47'04					-12048 Mar 01 j 11:57	0°♒			
	-12051 Aug 30 j 05:28	0°♓		desc. node			-12048 Mar 02 j 14:47	1°♒12'21			
desc. node	-12051 Sep 15 j 11:16	20°♓08'23					-12048 Mar 28 j 07:58	0°♓			
	-12051 Sep 23 j 10:57	0°♑					-12048 Apr 22 j 18:23	0°♓			
	-12051 Oct 17 j 22:05	0°♐					-12048 May 17 j 08:32	0°♑			
	-12051 Nov 11 j 16:13	0°♑					-12048 Jun 10 j 10:13	0°♒			
	-12051 Dec 06 j 22:01	0°♒		asc. node			-12048 Jun 21 j 14:37	14°♒04'32			
	-12050 Jan 02 j 02:37	0°♓					-12048 Jul 04 j 05:14	0°♑			
asc. node	-12050 Jan 04 j 17:52	2°♓55'22					-12048 Jul 27 j 22:17	0°♒			
	-12050 Jan 30 j 09:26	0°♓		morning set			-12048 Aug 02 j 02:33	6°♒32'34			
evening max el	-12050 Feb 06 j 19:14	7°♓10'51	45°06'36				-12048 Aug 20 j 17:09	0°♒			
	-12050 Mar 07 j 16:12	0°♑									
greatest brilliancy	-12050 Mar 17 j 09:26	4°♑28'35	-4.7m	superior conj			-12048 Sep 13 j 13:39	29°♒51'54	0°59'41		
retrograde	-12050 Mar 27 j 05:08	6°♑11'01		minimum elong			-12048 Sep 14 j 01:35	0°♓29'06	0°59'59		
evening set	-12050 Apr 11 j 05:58	2°♑00'09					-12048 Sep 13 j 16:15	0°♓			
	-12050 Apr 14 j 21:04	30°♒♓		max. Earth dist.			-12048 Sep 20 j 15:39	8°♓41'07	1.71951 AU		
inferior conj	-12050 Apr 17 j 06:09	28°♓36'15	2°38'08				-12048 Oct 07 j 20:17	0°♑			
minimum elong	-12050 Apr 17 j 11:51	28°♓27'49	2°35'55	desc. node			-12048 Oct 12 j 23:42	6°♑21'18			
min. Earth dist.	-12050 Apr 18 j 07:15	27°♓59'06	0.27325 AU	evening rise			-12048 Oct 26 j 05:26	22°♑40'28			
morning rise	-12050 Apr 23 j 16:32	24°♓56'11					-12048 Nov 01 j 04:23	0°♐			
desc. node	-12050 Apr 28 j 11:37	22°♓44'12					-12048 Nov 25 j 15:26	0°♑			
direct	-12050 May 08 j 10:48	20°♓46'43					-12048 Dec 20 j 05:33	0°♒			
greatest brilliancy	-12050 May 20 j 07:15	23°♓18'53	-4.9m				-12047 Jan 14 j 01:04	0°♓			
	-12050 Jun 01 j 06:17	0°♑		asc. node			-12047 Feb 01 j 04:06	21°♓37'22			
morning max el	-12050 Jun 27 j 22:58	23°♑25'31	46°40'33				-12047 Feb 08 j 06:28	0°♓			
	-12050 Jul 04 j 07:20	0°♒					-12047 Mar 06 j 04:17	0°♑			
	-12050 Jul 31 j 03:35	0°♑					-12047 Apr 02 j 06:58	0°♒			
asc. node	-12050 Aug 17 j 15:38	20°♑43'07		evening max el			-12047 Apr 21 j 12:08	19°♒44'32	46°48'17		
	-12050 Aug 25 j 08:41	0°♒					-12047 May 02 j 11:18	0°♑			
	-12050 Sep 19 j 00:13	0°♒		desc. node			-12047 May 25 j 21:58	17°♑08'47			
	-12050 Oct 13 j 13:12	0°♓		greatest brilliancy			-12047 Jun 01 j 03:26	19°♑50'04	-4.9m		
	-12050 Nov 07 j 04:12	0°♑		retrograde			-12047 Jun 10 j 19:16	21°♑33'33			
	-12050 Dec 01 j 21:21	0°♐		evening set			-12047 Jun 26 j 23:05	16°♑32'21			
desc. node	-12050 Dec 09 j 00:33	8°♐39'25		min. Earth dist.			-12047 Jun 30 j 17:31	14°♑19'42	0.26412 AU		
	-12050 Dec 26 j 14:12	0°♑		inferior conj			-12047 Jul 01 j 11:46	13°♑52'16	-7°35'02		
morning set	-12049 Jan 02 j 13:26	8°♑29'12		minimum elong			-12047 Jul 01 j 02:46	14°♑05'48	7°33'29		
	-12049 Jan 20 j 04:01	0°♒		morning rise			-12047 Jul 05 j 06:39	11°♑38'21			
max. Earth dist.	-12049 Feb 03 j 14:17	17°♒42'46	1.73574 AU	direct			-12047 Jul 21 j 17:34	6°♑25'20			
				greatest brilliancy			-12047 Jul 31 j 18:58	8°♑21'35	-4.9m		
superior conj	-12049 Feb 07 j 16:13	22°♒44'11	-1°19'44				-12047 Aug 31 j 07:27	0°♒			
minimum elong	-12049 Feb 07 j 18:08	22°♒50'08	1°20'16	morning max el			-12047 Sep 10 j 04:30	9°♒41'03	46°29'59		
	-12049 Feb 13 j 13:38	0°♓		asc. node			-12047 Sep 14 j 04:11	13°♒47'14			
	-12049 Mar 09 j 19:46	0°♓					-12047 Sep 29 j 05:35	0°♒			
evening rise	-12049 Mar 14 j 14:19	5°♓55'03					-12047 Oct 25 j 15:09	0°♓			
asc. node	-12049 Mar 30 j 00:44	25°♓03'57					-12047 Nov 20 j 07:36	0°♑			
	-12049 Apr 03 j 00:06	0°♑					-12047 Dec 15 j 17:42	0°♐			
	-12049 Apr 27 j 04:17	0°♒		desc. node			-12046 Jan 05 j 14:24	24°♐48'36			
	-12049 May 21 j 09:44	0°♑					-12046 Jan 09 j 22:37	0°♑			
	-12049 Jun 14 j 18:21	0°♒					-12046 Feb 03 j 20:41	0°♒			
	-12049 Jul 09 j 09:35	0°♒					-12046 Feb 28 j 10:43	0°♓			
desc. node	-12049 Jul 21 j 15:28	14°♒41'59		morning set			-12046 Mar 10 j 11:41	12°♓22'05			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12046 Mar 24 j 17:19	0° Z		minimum elong	-12044 Sep 13 j 20:30	29° II 31'45	6°06'59
max. Earth dist.	-12046 Apr 10 j 07:49	20° Z 41'45	1.72075 AU	min. Earth dist.	-12044 Sep 12 j 22:52	0° Z 06'23	0.27416 AU
					-12044 Sep 13 j 02:51	30° R II	
superior conj	-12046 Apr 14 j 15:23	26° Z 05'23	-0°27'07	morning rise	-12044 Sep 18 j 17:47	26° II 31'20	
minimum elong	-12046 Apr 14 j 20:28	26° Z 21'18	0°27'33	direct	-12044 Oct 03 j 20:53	21° II 52'03	
	-12046 Apr 17 j 18:22	0° \approx		asc. node	-12044 Oct 11 j 15:35	23° II 02'17	
asc. node	-12046 Apr 26 j 13:32	11° \approx 01'32		greatest brilliancy	-12044 Oct 13 j 05:29	23° II 32'20	-4.8m
	-12046 May 11 j 16:13	0° X			-12044 Oct 25 j 18:52	0° Z	
evening rise	-12046 May 21 j 06:11	12° X 02'31		morning max el	-12044 Nov 22 j 04:13	23° Z 07'59	46°06'44
	-12046 Jun 04 j 13:02	0° Y			-12044 Nov 29 j 02:12	0° Ω	
	-12046 Jun 28 j 10:55	0° B			-12044 Dec 27 j 08:03	0° P	
	-12046 Jul 22 j 12:02	0° II			-12043 Jan 23 j 00:03	0° Z	
	-12046 Aug 15 j 18:38	0° Z		desc. node	-12043 Feb 02 j 04:03	11° Z 43'33	
desc. node	-12046 Aug 18 j 02:03	2° Z 50'02			-12043 Feb 17 j 18:53	0° M	
	-12046 Sep 09 j 09:24	0° Ω			-12043 Mar 14 j 21:14	0° X	
	-12046 Oct 04 j 13:09	0° P			-12043 Apr 08 j 10:11	0° Z	
	-12046 Oct 30 j 18:07	0° Z			-12043 May 02 j 13:10	0° \approx	
evening max el	-12046 Nov 24 j 21:37	26° Z 22'00	45°03'40	morning set	-12043 May 16 j 23:07	18° \approx 05'42	
	-12046 Nov 28 j 16:38	0° M		asc. node	-12043 May 24 j 02:54	27° \approx 06'54	
asc. node	-12046 Dec 07 j 10:16	7° M 51'09			-12043 May 26 j 09:46	0° X	
greatest brilliancy	-12045 Jan 01 j 04:47	23° M 55'38	-4.7m		-12043 Jun 19 j 03:17	0° Y	
retrograde	-12045 Jan 12 j 02:22	26° M 03'37					
evening set	-12045 Jan 29 j 16:46	20° M 16'49		superior conj	-12043 Jun 24 j 12:58	6° Y 50'20	1°04'09
inferior conj	-12045 Feb 02 j 13:10	17° M 54'34	8°07'20	minimum elong	-12043 Jun 24 j 02:45	6° Y 17'59	1°03'53
minimum elong	-12045 Feb 02 j 13:01	17° M 54'48	8°06'50	max. Earth dist.	-12043 Jun 25 j 18:39	8° Y 24'15	1.70728 AU
min. Earth dist.	-12045 Feb 03 j 08:13	17° M 24'40	0.29415 AU		-12043 Jul 12 j 20:41	0° B	
morning rise	-12045 Feb 06 j 09:01	15° M 32'09		evening rise	-12043 Aug 04 j 22:59	29° B 04'51	
direct	-12045 Feb 24 j 14:26	9° M 24'48			-12043 Aug 05 j 16:34	0° II	
greatest brilliancy	-12045 Mar 07 j 04:32	11° M 24'02	-4.7m		-12043 Aug 29 j 16:50	0° Z	
desc. node	-12045 Mar 31 j 02:46	26° M 23'54		desc. node	-12043 Sep 14 j 13:35	19° Z 40'13	
	-12045 Apr 04 j 08:20	0° X			-12043 Sep 22 j 22:25	0° Ω	
morning max el	-12045 Apr 15 j 02:59	9° X 59'31	46°20'51		-12043 Oct 17 j 09:45	0° P	
	-12045 May 04 j 11:10	0° Z			-12043 Nov 11 j 04:19	0° Z	
	-12045 May 30 j 21:12	0° \approx			-12043 Dec 06 j 11:03	0° M	
	-12045 Jun 24 j 20:30	0° X			-12042 Jan 01 j 17:47	0° X	
	-12045 Jul 19 j 03:00	0° Y		asc. node	-12042 Jan 03 j 20:03	2° X 18'48	
asc. node	-12045 Jul 20 j 04:27	1° Y 19'21			-12042 Jan 30 j 06:24	0° Z	
	-12045 Aug 12 j 02:23	0° B		evening max el	-12042 Feb 04 j 09:48	4° Z 56'44	45°04'37
	-12045 Sep 05 j 01:01	0° II			-12042 Mar 09 j 13:54	0° \approx	
	-12045 Sep 29 j 02:54	0° Z		greatest brilliancy	-12042 Mar 14 j 21:14	2° \approx 09'32	-4.7m
morning set	-12045 Oct 19 j 23:37	25° Z 48'01		retrograde	-12042 Mar 24 j 18:40	3° \approx 53'08	
	-12045 Oct 23 j 09:26	0° Ω			-12042 Apr 08 j 04:57	30° R Z	
desc. node	-12045 Nov 10 j 12:52	22° Ω 17'42		evening set	-12042 Apr 08 j 21:15	29° Z 39'03	
	-12045 Nov 16 j 19:37	0° P		inferior conj	-12042 Apr 14 j 19:28	26° Z 17'20	2°58'31
				minimum elong	-12042 Apr 15 j 01:48	26° Z 07'58	2°56'08
superior conj	-12045 Nov 29 j 11:49	15° P 31'54	-0°40'37	min. Earth dist.	-12042 Apr 15 j 21:25	25° Z 38'57	0.27401 AU
minimum elong	-12045 Nov 29 j 03:53	15° P 07'38	0°40'06	morning rise	-12042 Apr 21 j 05:16	22° Z 38'08	
max. Earth dist.	-12045 Nov 29 j 21:50	16° P 02'36	1.73620 AU	desc. node	-12042 Apr 27 j 13:48	19° Z 52'02	
	-12045 Dec 11 j 07:10	0° Z		direct	-12042 May 06 j 01:44	18° Z 26'17	
	-12044 Jan 04 j 18:15	0° M		greatest brilliancy	-12042 May 17 j 21:52	20° Z 58'43	-4.9m
evening rise	-12044 Jan 05 j 15:53	1° M 06'22			-12042 Jun 02 j 03:01	0° \approx	
greatest brilliancy	-12044 Jan 22 j 10:27	21° M 41'49	-3.9m	morning max el	-12042 Jun 25 j 14:06	21° \approx 05'07	46°40'17
	-12044 Jan 29 j 04:51	0° X			-12042 Jul 04 j 03:31	0° X	
	-12044 Feb 22 j 16:36	0° Z			-12042 Jul 30 j 19:07	0° Y	
asc. node	-12044 Feb 29 j 15:12	8° Z 28'36		asc. node	-12042 Aug 16 j 18:00	20° Y 07'50	
	-12044 Mar 18 j 07:39	0° \approx			-12042 Aug 24 j 22:21	0° B	
	-12044 Apr 12 j 03:59	0° X			-12042 Sep 18 j 12:54	0° II	
	-12044 May 07 j 08:23	0° Y			-12042 Oct 13 j 01:16	0° Z	
	-12044 Jun 02 j 03:56	0° B			-12042 Nov 06 j 15:49	0° Ω	
desc. node	-12044 Jun 22 j 07:43	22° B 23'25			-12042 Dec 01 j 08:36	0° P	
	-12044 Jun 29 j 12:22	0° II		desc. node	-12042 Dec 08 j 02:38	8° P 11'50	
evening max el	-12044 Jul 03 j 07:18	3° II 53'54	47°54'38		-12042 Dec 26 j 01:10	0° Z	
	-12044 Aug 02 j 03:25	0° Z		morning set	-12042 Dec 31 j 06:29	6° Z 21'37	
greatest brilliancy	-12044 Aug 14 j 00:19	6° Z 13'07	-4.9m		-12041 Jan 19 j 14:49	0° M	
retrograde	-12044 Aug 23 j 14:06	8° Z 00'10		max. Earth dist.	-12041 Feb 01 j 13:40	15° M 53'54	1.73605 AU
evening set	-12044 Sep 08 j 23:42	2° Z 35'20					
inferior conj	-12044 Sep 13 j 10:58	29° II 47'00	-6°09'46	superior conj	-12041 Feb 05 j 11:56	20° M 43'54	-1°20'04

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

minimum elong	-12041 Feb 05 j 13:18	20° \mathbb{M} 48'08	1°20'35	morning max el	-12039 Sep 07 j 16:10	7° \mathcal{B} 10'17	46°30'47
	-12041 Feb 13 j 00:25	0° \mathcal{A}		asc. node	-12039 Sep 13 j 06:26	12° \mathcal{B} 57'38	
	-12041 Mar 09 j 06:39	0° \mathcal{Z}			-12039 Sep 28 j 23:12	0° \mathbb{I}	
evening rise	-12041 Mar 12 j 10:13	3° \mathcal{Z} 54'09			-12039 Oct 25 j 05:41	0° \mathcal{E}	
asc. node	-12041 Mar 29 j 03:03	24° \mathcal{Z} 36'55			-12039 Nov 19 j 20:37	0° \mathcal{Q}	
	-12041 Apr 02 j 11:12	0° \approx			-12039 Dec 15 j 05:49	0° \mathbb{P}	
	-12041 Apr 26 j 15:41	0° \mathcal{H}		desc. node	-12038 Jan 04 j 16:33	24° \mathbb{P} 20'12	
	-12041 May 20 j 21:30	0° \mathcal{Y}			-12038 Jan 09 j 10:11	0° \mathcal{L}	
	-12041 Jun 14 j 06:40	0° \mathcal{B}			-12038 Feb 03 j 07:52	0° \mathbb{L}	
	-12041 Jul 08 j 22:42	0° \mathbb{I}			-12038 Feb 27 j 21:42	0° \mathcal{A}	
desc. node	-12041 Jul 20 j 17:44	14° \mathbb{I} 08'02		morning set	-12038 Mar 08 j 07:08	10° \mathcal{A} 20'14	
	-12041 Aug 03 j 04:16	0° \mathcal{E}			-12038 Mar 24 j 04:12	0° \mathcal{Z}	
	-12041 Aug 29 j 14:36	0° \mathcal{Q}		max. Earth dist.	-12038 Apr 08 j 00:26	18° \mathcal{Z} 29'40	1.72140 AU
evening max el	-12041 Sep 13 j 01:28	15° \mathcal{Q} 15'58	46°42'42				
	-12041 Sep 28 j 13:51	0° \mathbb{P}		superior conj	-12038 Apr 12 j 09:47	23° \mathcal{Z} 58'43	-0°29'59
greatest brilliancy	-12041 Oct 22 j 07:03	15° \mathbb{P} 57'39	-4.8m	minimum elong	-12038 Apr 12 j 15:17	24° \mathcal{Z} 15'57	0°30'23
retrograde	-12041 Nov 02 j 11:06	18° \mathbb{P} 19'24			-12038 Apr 17 j 05:19	0° \approx	
asc. node	-12041 Nov 09 j 02:21	17° \mathbb{P} 23'42		asc. node	-12038 Apr 25 j 15:39	10° \approx 33'42	
evening set	-12041 Nov 17 j 11:43	13° \mathbb{P} 42'35			-12038 May 11 j 03:19	0° \mathcal{H}	
min. Earth dist.	-12041 Nov 23 j 03:58	10° \mathbb{P} 11'13	0.28971 AU	evening rise	-12038 May 18 j 21:55	9° \mathcal{H} 46'01	
inferior conj	-12041 Nov 23 j 15:20	9° \mathbb{P} 52'51	3°15'32		-12038 Jun 04 j 00:21	0° \mathcal{Y}	
minimum elong	-12041 Nov 23 j 09:08	10° \mathbb{P} 02'53	3°14'10		-12038 Jun 27 j 22:28	0° \mathcal{B}	
morning rise	-12041 Nov 29 j 07:12	6° \mathbb{P} 21'08			-12038 Jul 21 j 23:49	0° \mathbb{I}	
direct	-12041 Dec 15 j 01:53	1° \mathbb{P} 27'14			-12038 Aug 15 j 06:43	0° \mathcal{E}	
greatest brilliancy	-12041 Dec 24 j 02:06	2° \mathbb{P} 57'03	-4.7m	desc. node	-12038 Aug 17 j 04:26	2° \mathcal{E} 20'09	
	-12040 Jan 31 j 17:06	0° \mathcal{L}			-12038 Sep 08 j 22:01	0° \mathcal{Q}	
morning max el	-12040 Feb 01 j 21:07	1° \mathcal{L} 05'50	46°01'21		-12038 Oct 04 j 02:47	0° \mathbb{P}	
	-12040 Mar 01 j 03:53	0° \mathbb{L}			-12038 Oct 30 j 10:09	0° \mathcal{L}	
desc. node	-12040 Mar 01 j 17:07	0° \mathbb{L} 35'52		evening max el	-12038 Nov 22 j 12:14	24° \mathcal{L} 07'44	45°05'35
	-12040 Mar 27 j 21:25	0° \mathcal{A}			-12038 Nov 28 j 16:38	0° \mathbb{L}	
	-12040 Apr 22 j 06:43	0° \mathcal{Z}		asc. node	-12038 Dec 06 j 12:28	6° \mathbb{L} 53'46	
	-12040 May 16 j 20:18	0° \approx		greatest brilliancy	-12038 Dec 29 j 20:44	21° \mathbb{L} 48'24	-4.7m
	-12040 Jun 09 j 21:40	0° \mathcal{H}		retrograde	-12037 Jan 09 j 18:56	23° \mathbb{L} 57'43	
asc. node	-12040 Jun 20 j 16:44	13° \mathcal{H} 35'20		evening set	-12037 Jan 27 j 08:53	18° \mathbb{L} 11'05	
	-12040 Jul 03 j 16:31	0° \mathcal{Y}		inferior conj	-12037 Jan 31 j 06:08	15° \mathbb{L} 47'33	8°06'47
	-12040 Jul 27 j 09:29	0° \mathcal{B}		minimum elong	-12037 Jan 31 j 05:18	15° \mathbb{L} 48'51	8°06'17
morning set	-12040 Jul 30 j 12:25	3° \mathcal{B} 56'48		min. Earth dist.	-12037 Feb 01 j 00:19	15° \mathbb{L} 18'58	0.29450 AU
	-12040 Aug 20 j 04:18	0° \mathbb{I}		morning rise	-12037 Feb 04 j 01:27	13° \mathbb{L} 25'47	
				direct	-12037 Feb 22 j 06:50	7° \mathbb{L} 16'57	
superior conj	-12040 Sep 10 j 22:17	27° \mathbb{I} 14'25	1°02'21	greatest brilliancy	-12037 Mar 04 j 20:37	9° \mathbb{L} 15'33	-4.7m
minimum elong	-12040 Sep 11 j 10:09	27° \mathbb{I} 51'25	1°02'41	desc. node	-12037 Mar 30 j 04:54	25° \mathbb{L} 24'29	
	-12040 Sep 13 j 03:23	0° \mathcal{E}			-12037 Apr 04 j 11:25	0° \mathcal{A}	
max. Earth dist.	-12040 Sep 18 j 05:28	6° \mathcal{E} 20'12	1.71884 AU	morning max el	-12037 Apr 12 j 18:22	7° \mathcal{A} 45'54	46°20'03
	-12040 Oct 07 j 07:23	0° \mathcal{Q}			-12037 May 04 j 04:16	0° \mathcal{Z}	
desc. node	-12040 Oct 12 j 01:50	5° \mathcal{Q} 53'34			-12037 May 30 j 11:24	0° \approx	
evening rise	-12040 Oct 23 j 17:20	20° \mathcal{Q} 15'14			-12037 Jun 24 j 09:26	0° \mathcal{H}	
	-12040 Oct 31 j 15:30	0° \mathbb{P}			-12037 Jul 18 j 15:17	0° \mathcal{Y}	
	-12040 Nov 25 j 02:37	0° \mathcal{L}		asc. node	-12037 Jul 19 j 06:41	0° \mathcal{Y} 48'01	
	-12040 Dec 19 j 16:58	0° \mathbb{L}			-12037 Aug 11 j 14:18	0° \mathcal{B}	
	-12039 Jan 13 j 13:00	0° \mathcal{A}			-12037 Sep 04 j 12:40	0° \mathbb{I}	
asc. node	-12039 Jan 31 j 06:30	21° \mathcal{A} 07'22			-12037 Sep 28 j 14:20	0° \mathcal{E}	
	-12039 Feb 07 j 19:24	0° \mathcal{Z}		morning set	-12037 Oct 17 j 11:16	23° \mathcal{E} 21'10	
	-12039 Mar 05 j 19:03	0° \approx			-12037 Oct 22 j 20:41	0° \mathcal{Q}	
	-12039 Apr 02 j 01:41	0° \mathcal{H}		desc. node	-12037 Nov 09 j 14:58	21° \mathcal{Q} 49'58	
evening max el	-12039 Apr 19 j 01:41	17° \mathcal{H} 21'13	46°44'14		-12037 Nov 16 j 06:43	0° \mathbb{P}	
	-12039 May 02 j 19:06	0° \mathcal{Y}					
desc. node	-12039 May 25 j 00:11	15° \mathcal{Y} 25'50		superior conj	-12037 Nov 27 j 03:03	13° \mathbb{P} 17'47	-0°37'46
greatest brilliancy	-12039 May 29 j 14:59	17° \mathcal{Y} 19'09	-4.9m	minimum elong	-12037 Nov 26 j 19:28	12° \mathbb{P} 54'35	0°37'14
retrograde	-12039 Jun 08 j 06:40	19° \mathcal{Y} 02'03		max. Earth dist.	-12037 Nov 27 j 16:58	14° \mathbb{P} 00'26	1.73588 AU
evening set	-12039 Jun 24 j 06:44	14° \mathcal{Y} 07'53			-12037 Dec 10 j 18:10	0° \mathcal{L}	
inferior conj	-12039 Jun 28 j 23:29	11° \mathcal{Y} 22'12	-7°22'11	evening rise	-12036 Jan 03 j 10:46	29° \mathcal{L} 03'12	
minimum elong	-12039 Jun 28 j 14:04	11° \mathcal{Y} 36'22	7°20'30		-12036 Jan 04 j 05:17	0° \mathbb{L}	
min. Earth dist.	-12039 Jun 28 j 06:06	11° \mathcal{Y} 48'20	0.26394 AU	greatest brilliancy	-12036 Jan 21 j 22:41	21° \mathbb{L} 45'15	-3.9m
morning rise	-12039 Jul 02 j 21:34	9° \mathcal{Y} 03'43			-12036 Jan 28 j 16:02	0° \mathcal{A}	
direct	-12039 Jul 19 j 05:38	3° \mathcal{Y} 55'50			-12036 Feb 22 j 04:06	0° \mathcal{Z}	
greatest brilliancy	-12039 Jul 29 j 08:21	5° \mathcal{Y} 52'49	-4.9m	asc. node	-12036 Feb 28 j 17:29	8° \mathcal{Z} 00'03	
	-12039 Aug 31 j 10:39	0° \mathcal{B}			-12036 Mar 17 j 19:43	0° \approx	




































































































































Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12036 Apr 11 j 16:55	0° H					-12034 Sep 18 j 01:46	0° II			
	-12036 May 06 j 22:36	0° Y					-12034 Oct 12 j 13:33	0° G			
	-12036 Jun 01 j 20:27	0° B					-12034 Nov 06 j 03:40	0° Q			
desc. node	-12036 Jun 21 j 10:02	21° $\text{B}36'22$					-12034 Nov 30 j 20:07	0° P			
	-12036 Jun 29 j 10:22	0° II				desc. node	-12034 Dec 07 j 04:46	7° $\text{P}43'34$			
evening max el	-12036 Jun 30 j 21:24	1° $\text{II}29'26$	47°54'46				-12034 Dec 25 j 12:25	0° Q			
	-12036 Aug 03 j 14:28	0° G				morning set	-12034 Dec 28 j 23:30	4° $\text{Q}13'00$			
greatest brilliancy	-12036 Aug 11 j 16:10	3° $\text{G}49'56$	-4.9m				-12033 Jan 19 j 01:54	0° M			
retrograde	-12036 Aug 21 j 04:40	5° $\text{G}36'12$				max. Earth dist.	-12033 Jan 30 j 12:22	14° $\text{M}02'06$	1.73630 AU		
evening set	-12036 Sep 06 j 17:10	0° $\text{G}07'09$									
	-12036 Sep 06 j 21:55	30° $\text{R}II$				superior conj	-12033 Feb 03 j 07:39	18° $\text{M}42'52$	-1°20'17		
min. Earth dist.	-12036 Sep 10 j 13:25	27° $\text{II}43'04$	0.27372 AU			minimum elong	-12033 Feb 03 j 08:29	18° $\text{M}45'24$	1°20'48		
inferior conj	-12036 Sep 11 j 01:32	27° $\text{II}23'45$	-6°25'12				-12033 Feb 12 j 11:27	0° J			
minimum elong	-12036 Sep 11 j 11:05	27° $\text{II}08'29$	6°22'31				-12033 Mar 08 j 17:47	0° Z			
morning rise	-12036 Sep 16 j 05:26	24° $\text{II}12'41$				evening rise	-12033 Mar 10 j 06:09	1° $\text{Z}52'39$			
direct	-12036 Oct 01 j 10:24	19° $\text{II}29'37$				asc. node	-12033 Mar 28 j 05:13	24° $\text{Z}08'32$			
asc. node	-12036 Oct 10 j 17:46	21° $\text{II}09'04$					-12033 Apr 01 j 22:34	0° \approx			
greatest brilliancy	-12036 Oct 10 j 20:15	21° $\text{II}11'12$	-4.8m				-12033 Apr 26 j 03:24	0° H			
	-12036 Oct 26 j 18:39	0° G					-12033 May 20 j 09:41	0° Y			
morning max el	-12036 Nov 19 j 19:30	20° $\text{G}52'03$	46°07'32				-12033 Jun 13 j 19:26	0° B			
	-12036 Nov 28 j 22:36	0° Q					-12033 Jul 08 j 12:19	0° II			
	-12036 Dec 26 j 23:27	0° P				desc. node	-12033 Jul 19 j 20:05	13° $\text{II}33'01$			
	-12035 Jan 22 j 13:23	0° Q					-12033 Aug 02 j 19:19	0° G			
desc. node	-12035 Feb 01 j 06:19	11° $\text{Q}12'50$					-12033 Aug 29 j 08:52	0° Q			
	-12035 Feb 17 j 07:09	0° M				evening max el	-12033 Sep 10 j 18:05	13° $\text{Q}01'24$	46°46'30		
	-12035 Mar 14 j 08:56	0° J					-12033 Sep 28 j 20:56	0° P			
	-12035 Apr 07 j 21:35	0° Z				greatest brilliancy	-12033 Oct 20 j 01:36	13° $\text{P}47'48$	-4.8m		
	-12035 May 02 j 00:27	0° \approx				retrograde	-12033 Oct 31 j 04:38	16° $\text{P}08'21$			
morning set	-12035 May 14 j 15:16	15° \approx 50'05				asc. node	-12033 Nov 08 j 04:36	14° $\text{P}47'34$			
asc. node	-12035 May 23 j 05:02	26° \approx 38'07				evening set	-12033 Nov 15 j 04:17	11° $\text{P}32'59$			
	-12035 May 25 j 21:02	0° H				inferior conj	-12033 Nov 21 j 08:29	7° $\text{P}41'54$	2°58'11		
	-12035 Jun 18 j 14:35	0° Y				minimum elong	-12033 Nov 21 j 02:45	7° $\text{P}51'12$	2°56'57		
						min. Earth dist.	-12033 Nov 20 j 20:39	8° $\text{P}01'05$	0.28917 AU		
superior conj	-12035 Jun 22 j 01:02	4° $\text{Y}20'51$	1°01'44			morning rise	-12033 Nov 27 j 01:57	4° $\text{P}07'42$			
minimum elong	-12035 Jun 21 j 14:48	3° $\text{Y}48'26$	1°01'26				-12033 Dec 06 j 20:17	30° $\text{R}Q$			
max. Earth dist.	-12035 Jun 23 j 01:59	5° $\text{Y}39'46$	1.70740 AU			direct	-12033 Dec 12 j 18:42	29° $\text{Q}17'19$			
	-12035 Jul 12 j 08:03	0° B					-12033 Dec 18 j 21:45	0° P			
evening rise	-12035 Aug 02 j 06:39	26° $\text{B}22'18$				greatest brilliancy	-12033 Dec 21 j 17:43	0° $\text{P}46'22$	-4.7m		
	-12035 Aug 05 j 04:02	0° II				morning max el	-12032 Jan 30 j 13:07	28° $\text{P}56'23$	46°01'04		
	-12035 Aug 29 j 04:25	0° G					-12032 Jan 31 j 15:57	0° Q			
desc. node	-12035 Sep 13 j 15:41	19° $\text{G}10'40$				desc. node	-12032 Feb 29 j 19:08	29° $\text{Q}57'57$			
	-12035 Sep 22 j 10:09	0° Q					-12032 Feb 29 j 19:53	0° M			
	-12035 Oct 16 j 21:42	0° P					-12032 Mar 27 j 11:03	0° J			
	-12035 Nov 10 j 16:42	0° Q					-12032 Apr 21 j 19:16	0° Z			
	-12035 Dec 06 j 00:25	0° M					-12032 May 16 j 08:18	0° \approx			
	-12034 Jan 01 j 09:23	0° J				greatest brilliancy	-12032 Jun 02 j 22:54	21° \approx 55'37	-3.9m		
asc. node	-12034 Jan 02 j 22:30	1° $\text{J}42'00$					-12032 Jun 09 j 09:24	0° H			
	-12034 Jan 30 j 04:25	0° Z				asc. node	-12032 Jun 19 j 19:00	13° $\text{H}05'39$			
evening max el	-12034 Feb 02 j 00:46	2° $\text{Z}42'59$	45°02'37				-12032 Jul 03 j 04:07	0° Y			
greatest brilliancy	-12034 Mar 12 j 09:12	29° $\text{Z}50'05$	-4.7m				-12032 Jul 26 j 21:03	0° B			
	-12034 Mar 12 j 21:20	0° \approx				morning set	-12032 Jul 27 j 21:54	1° $\text{B}18'34$			
retrograde	-12034 Mar 22 j 08:00	1° \approx 34'17					-12032 Aug 19 j 15:50	0° II			
	-12034 Mar 31 j 09:15	30° $\text{R}Z$									
evening set	-12034 Apr 06 j 12:39	27° $\text{Z}17'05$				superior conj	-12032 Sep 08 j 06:27	24° $\text{II}34'21$	1°04'55		
inferior conj	-12034 Apr 12 j 08:45	23° $\text{Z}57'30$	3°18'31			minimum elong	-12032 Sep 08 j 18:08	25° $\text{II}10'49$	1°05'16		
minimum elong	-12034 Apr 12 j 15:40	23° $\text{Z}47'14$	3°15'58				-12032 Sep 12 j 14:51	0° G			
min. Earth dist.	-12034 Apr 13 j 11:21	23° $\text{Z}18'03$	0.27480 AU			max. Earth dist.	-12032 Sep 15 j 18:55	3° $\text{G}56'57$	1.71810 AU		
morning rise	-12034 Apr 18 j 17:41	20° $\text{Z}19'12$					-12032 Oct 06 j 18:48	0° Q			
desc. node	-12034 Apr 26 j 16:01	17° $\text{Z}03'39$				desc. node	-12032 Oct 11 j 03:59	5° $\text{Q}24'56$			
direct	-12034 May 03 j 16:47	16° $\text{Z}05'01$				evening rise	-12032 Oct 21 j 04:39	17° $\text{Q}47'07$			
greatest brilliancy	-12034 May 15 j 11:55	18° $\text{Z}36'43$	-4.8m				-12032 Oct 31 j 02:54	0° P			
	-12034 Jun 02 j 19:06	0° \approx					-12032 Nov 24 j 14:07	0° Q			
morning max el	-12034 Jun 23 j 04:47	18° \approx 42'30	46°39'58				-12032 Dec 19 j 04:44	0° M			
	-12034 Jul 03 j 23:31	0° H					-12031 Jan 13 j 01:18	0° J			
	-12034 Jul 30 j 10:47	0° Y				asc. node	-12031 Jan 30 j 08:48	20° $\text{J}35'59$			
asc. node	-12034 Aug 15 j 20:13	19° $\text{Y}31'24$					-12031 Feb 07 j 08:42	0° Z			
	-12034 Aug 24 j 12:11	0° B					-12031 Mar 05 j 10:17	0° \approx			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12031 Apr 01 j 21:08	0° H		desc. node	-12029 Nov 08 j 17:11	21° Ω 22'16	
evening max el	-12031 Apr 16 j 14:07	14° H 54'45	46°40'10		-12029 Nov 15 j 17:55	0° M	
	-12031 May 03 j 05:50	0° Y					
desc. node	-12031 May 24 j 02:27	13° Y 38'10		superior conj	-12029 Nov 24 j 17:44	11° M 01'34	-0°34'49
greatest brilliancy	-12031 May 27 j 02:42	14° Y 47'51	-4.9m	minimum elong	-12029 Nov 24 j 10:33	10° M 39'34	0°34'15
retrograde	-12031 Jun 05 j 17:34	16° Y 30'04		max. Earth dist.	-12029 Nov 25 j 11:18	11° M 55'23	1.73554 AU
evening set	-12031 Jun 21 j 14:20	11° Y 42'31			-12029 Dec 10 j 05:17	0° Ω	
inferior conj	-12031 Jun 26 j 11:10	8° Y 51'31	-7°08'23	evening rise	-12028 Jan 01 j 05:15	26° Ω 58'43	
minimum elong	-12031 Jun 26 j 01:24	9° Y 06'12	7°06'33		-12028 Jan 03 j 16:22	0° M	
min. Earth dist.	-12031 Jun 25 j 18:55	9° Y 15'56	0.26384 AU	greatest brilliancy	-12028 Jan 21 j 09:45	21° M 44'55	-3.9m
morning rise	-12031 Jun 30 j 12:33	6° Y 28'21			-12028 Jan 28 j 03:16	0° X	
direct	-12031 Jul 16 j 17:14	1° Y 25'18			-12028 Feb 21 j 15:41	0° Z	
greatest brilliancy	-12031 Jul 26 j 22:24	3° Y 23'51	-4.9m	asc. node	-12028 Feb 27 j 19:39	7° Z 31'00	
	-12031 Aug 31 j 12:51	0° X			-12028 Mar 17 j 07:54	0° \approx	
morning max el	-12031 Sep 05 j 03:26	4° X 37'07	46°31'32		-12028 Apr 11 j 05:58	0° H	
asc. node	-12031 Sep 12 j 08:34	12° X 07'19			-12028 May 06 j 13:00	0° Y	
	-12031 Sep 28 j 16:52	0° II			-12028 Jun 01 j 13:13	0° X	
	-12031 Oct 24 j 20:24	0° G		desc. node	-12028 Jun 20 j 12:23	20° X 48'51	
	-12031 Nov 19 j 09:51	0° Ω		evening max el	-12028 Jun 28 j 12:23	29° X 07'31	47°54'51
	-12031 Dec 14 j 18:10	0° M			-12028 Jun 29 j 09:07	0° II	
desc. node	-12030 Jan 03 j 18:46	23° M 51'22			-12028 Aug 05 j 19:12	0° G	
	-12030 Jan 08 j 21:57	0° Ω		greatest brilliancy	-12028 Aug 09 j 07:16	1° G 26'16	-4.9m
	-12030 Feb 02 j 19:17	0° M		retrograde	-12028 Aug 18 j 19:41	3° G 12'34	
	-12030 Feb 27 j 08:54	0° X			-12028 Aug 31 j 05:03	30° R II	
morning set	-12030 Mar 06 j 02:36	8° X 17'47		evening set	-12028 Sep 04 j 10:37	27° II 39'14	
	-12030 Mar 23 j 15:19	0° Z		min. Earth dist.	-12028 Sep 08 j 03:32	25° II 20'37	0.27330 AU
max. Earth dist.	-12030 Apr 05 j 18:44	16° Z 22'12	1.72202 AU	inferior conj	-12028 Sep 08 j 16:04	25° II 00'42	-6°39'59
				minimum elong	-12028 Sep 09 j 01:35	24° II 45'33	6°37'24
superior conj	-12030 Apr 10 j 04:28	21° Z 52'20	-0°32'48	morning rise	-12028 Sep 13 j 16:57	21° II 54'37	
minimum elong	-12030 Apr 10 j 10:22	22° Z 10'46	0°33'11	direct	-12028 Sep 29 j 00:32	17° II 07'33	
	-12030 Apr 16 j 16:27	0° \approx		greatest brilliancy	-12028 Oct 08 j 10:32	18° II 49'50	-4.8m
asc. node	-12030 Apr 24 j 17:54	10° \approx 05'40		asc. node	-12028 Oct 09 j 20:07	19° II 20'43	
	-12030 May 10 j 14:35	0° H			-12028 Oct 27 j 12:06	0° G	
evening rise	-12030 May 16 j 14:08	7° H 30'41		morning max el	-12028 Nov 17 j 11:24	18° G 37'43	46°08'09
	-12030 Jun 03 j 11:49	0° Y			-12028 Nov 28 j 18:22	0° Ω	
	-12030 Jun 27 j 10:10	0° X			-12028 Dec 26 j 14:39	0° M	
	-12030 Jul 21 j 11:48	0° II			-12027 Jan 22 j 02:36	0° Ω	
	-12030 Aug 14 j 19:04	0° G		desc. node	-12027 Jan 31 j 08:20	10° Ω 41'38	
desc. node	-12030 Aug 16 j 06:31	1° G 48'38			-12027 Feb 16 j 19:19	0° M	
	-12030 Sep 08 j 10:57	0° Ω			-12027 Mar 13 j 20:30	0° X	
	-12030 Oct 03 j 16:49	0° M			-12027 Apr 07 j 08:52	0° Z	
	-12030 Oct 30 j 02:45	0° Ω			-12027 May 01 j 11:38	0° \approx	
evening max el	-12030 Nov 20 j 03:03	21° Ω 53'13	45°07'50	morning set	-12027 May 12 j 07:34	13° \approx 35'22	
	-12030 Nov 28 j 18:10	0° M		asc. node	-12027 May 22 j 07:17	26° \approx 10'01	
asc. node	-12030 Dec 05 j 14:52	5° M 54'51			-12027 May 25 j 08:12	0° H	
greatest brilliancy	-12030 Dec 27 j 12:12	19° M 40'01	-4.7m		-12027 Jun 18 j 01:48	0° Y	
retrograde	-12029 Jan 07 j 12:01	21° M 51'24					
evening set	-12029 Jan 25 j 00:47	16° M 05'06		superior conj	-12027 Jun 19 j 13:28	1° Y 52'49	0°59'13
inferior conj	-12029 Jan 28 j 23:06	13° M 39'56	8°05'31	minimum elong	-12027 Jun 19 j 03:18	1° Y 20'39	0°58'52
minimum elong	-12029 Jan 28 j 21:35	13° M 42'18	8°05'02	max. Earth dist.	-12027 Jun 20 j 07:57	2° Y 51'14	1.70753 AU
min. Earth dist.	-12029 Jan 29 j 16:05	13° M 13'16	0.29482 AU		-12027 Jul 11 j 19:20	0° X	
morning rise	-12029 Feb 01 j 18:10	11° M 18'33		evening rise	-12027 Jul 30 j 14:41	23° X 41'13	
direct	-12029 Feb 19 j 23:28	5° M 08'33			-12027 Aug 04 j 15:22	0° II	
greatest brilliancy	-12029 Mar 02 j 12:24	7° M 06'28	-4.7m		-12027 Aug 28 j 15:50	0° G	
desc. node	-12029 Mar 29 j 07:06	24° M 26'05		desc. node	-12027 Sep 12 j 17:53	18° G 42'06	
	-12029 Apr 04 j 13:15	0° X			-12027 Sep 21 j 21:41	0° Ω	
morning max el	-12029 Apr 10 j 10:42	5° X 34'24	46°19'19		-12027 Oct 16 j 09:27	0° M	
	-12029 May 03 j 21:10	0° Z			-12027 Nov 10 j 04:57	0° Ω	
	-12029 May 30 j 01:35	0° \approx			-12027 Dec 05 j 13:42	0° M	
	-12029 Jun 23 j 22:23	0° H			-12026 Jan 01 j 01:05	0° X	
asc. node	-12029 Jul 18 j 08:55	0° Y 16'38		asc. node	-12026 Jan 02 j 00:47	1° X 04'48	
	-12029 Jul 18 j 03:36	0° Y			-12026 Jan 30 j 03:09	0° Z	
	-12029 Aug 11 j 02:13	0° X		evening max el	-12026 Jan 30 j 15:53	0° Z 30'07	45°00'45
	-12029 Sep 04 j 00:20	0° II		greatest brilliancy	-12026 Mar 09 j 22:03	27° Z 32'39	-4.7m
	-12029 Sep 28 j 01:49	0° G		retrograde	-12026 Mar 19 j 21:06	29° Z 16'36	
morning set	-12029 Oct 14 j 22:31	20° G 52'38		evening set	-12026 Apr 04 j 04:23	24° Z 56'24	
	-12029 Oct 22 j 08:01	0° Ω		inferior conj	-12026 Apr 09 j 22:16	21° Z 39'05	3°37'47

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

minimum elong	-12026 Apr 10 j 05:42	21°  28'01	3°35'10			-12024 Sep 12 j 02:02	0° 	
min. Earth dist.	-12026 Apr 11 j 01:37	20°  58'22	0.27559 AU	max. Earth dist.		-12024 Sep 13 j 05:54	1°  26'51	1.71736 AU
morning rise	-12026 Apr 16 j 06:04	18°  01'40				-12024 Oct 06 j 05:54	0° 	
desc. node	-12026 Apr 25 j 18:19	14°  21'39		desc. node		-12024 Oct 10 j 06:15	4°  05'37	
direct	-12026 May 01 j 07:42	13°  45'13		evening rise		-12024 Oct 18 j 15:43	15°  01'06	
greatest brilliancy	-12026 May 13 j 01:59	16°  15'46	-4.8m			-12024 Oct 30 j 13:59	0° 	
	-12026 Jun 03 j 06:52	0° 				-12024 Nov 24 j 01:16	0° 	
morning max el	-12026 Jun 20 j 18:42	16°  18'42	46°39'33			-12024 Dec 18 j 16:07	0° 	
	-12026 Jul 03 j 18:44	0° 				-12023 Jan 12 j 13:14	0° 	
	-12026 Jul 30 j 02:02	0° 		asc. node		-12023 Jan 29 j 10:58	20°  05'18	
asc. node	-12026 Aug 14 j 22:16	18°  05'16				-12023 Feb 06 j 21:43	0° 	
	-12026 Aug 24 j 01:43	0° 				-12023 Mar 05 j 01:21	0° 	
	-12026 Sep 17 j 14:21	0° 				-12023 Apr 01 j 16:48	0° 	
	-12026 Oct 12 j 01:31	0° 		evening max el		-12023 Apr 14 j 01:52	12°  07'36	46°36'04
	-12026 Nov 05 j 15:13	0° 				-12023 May 03 j 19:35	0° 	
	-12026 Nov 30 j 07:19	0° 		desc. node		-12023 May 23 j 04:44	11°  04'54	
desc. node	-12026 Dec 06 j 06:58	7°  06'24		greatest brilliancy		-12023 May 24 j 14:23	12°  01'22	-4.9m
	-12026 Dec 24 j 23:22	0° 		retrograde		-12023 Jun 03 j 04:35	13°  05'16	
morning set	-12026 Dec 26 j 16:31	2°  05'17		evening set		-12023 Jun 18 j 21:57	9°  01'43	
	-12025 Jan 18 j 12:43	0° 		inferior conj		-12023 Jun 23 j 22:50	6°  01'48	-6°53'41
max. Earth dist.	-12025 Jan 28 j 09:21	12°  05'53	1.73657 AU	minimum elong		-12023 Jun 23 j 12:46	6°  03'51	6°51'42
				min. Earth dist.		-12023 Jun 23 j 07:45	6°  04'22	0.26377 AU
superior conj	-12025 Feb 01 j 03:20	16°  04'29	-1°20'24	morning rise		-12023 Jun 28 j 03:36	3°  05'03	
minimum elong	-12025 Feb 01 j 03:36	16°  04'31	1°20'54			-12023 Jul 06 j 22:17	30°  00'00	
	-12025 Feb 11 j 22:15	0° 		direct		-12023 Jul 14 j 04:38	28°  00'55'27	
evening rise	-12025 Mar 08 j 02:00	29°  05'13'37				-12023 Jul 21 j 16:03	0° 	
	-12025 Mar 08 j 04:42	0° 		greatest brilliancy		-12023 Jul 24 j 12:38	0° 	-4.9m
asc. node	-12025 Mar 27 j 07:28	23°  04'15				-12023 Aug 31 j 13:21	0° 	
	-12025 Apr 01 j 09:42	0° 		morning max el		-12023 Sep 02 j 15:13	2°  06'09	46°32'18
	-12025 Apr 25 j 14:52	0° 		asc. node		-12023 Sep 11 j 10:56	11°  08'24	
	-12025 May 19 j 21:37	0° 				-12023 Sep 28 j 09:50	0° 	
	-12025 Jun 13 j 08:00	0° 				-12023 Oct 24 j 10:39	0° 	
	-12025 Jul 08 j 01:46	0° 				-12023 Nov 18 j 22:42	0° 	
desc. node	-12025 Jul 18 j 22:13	12°  05'53				-12023 Dec 14 j 06:08	0° 	
	-12025 Aug 02 j 10:15	0° 		desc. node		-12022 Jan 02 j 20:47	23°  02'57	
	-12025 Aug 29 j 03:14	0° 				-12022 Jan 08 j 09:21	0° 	
evening max el	-12025 Sep 08 j 09:58	10°  04'53	46°50'19			-12022 Feb 02 j 06:19	0° 	
	-12025 Sep 29 j 06:02	0° 				-12022 Feb 26 j 19:43	0° 	
greatest brilliancy	-12025 Oct 17 j 20:50	11°  03'54	-4.8m	morning set		-12022 Mar 03 j 22:15	6°  01'06	
retrograde	-12025 Oct 28 j 21:59	13°  05'40				-12022 Mar 23 j 02:06	0° 	
asc. node	-12025 Nov 07 j 06:55	12°  08'13		max. Earth dist.		-12022 Apr 03 j 14:40	14°  02'52	1.72267 AU
evening set	-12025 Nov 12 j 21:09	9°  04'36						
min. Earth dist.	-12025 Nov 18 j 13:49	5°  02'03	0.28860 AU	superior conj		-12022 Apr 07 j 23:19	19°  04'29	-0°35'31
inferior conj	-12025 Nov 19 j 01:49	5°  03'33	2°40'44	minimum elong		-12022 Apr 08 j 05:35	20°  07'01	0°35'55
minimum elong	-12025 Nov 18 j 20:35	5°  04'03	2°39'37			-12022 Apr 16 j 03:19	0° 	
morning rise	-12025 Nov 24 j 20:46	1°  05'54		asc. node		-12022 Apr 23 j 20:11	9°  00'38'40	
	-12025 Nov 28 j 13:04	30°  00'00				-12022 May 10 j 01:37	0° 	
direct	-12025 Dec 10 j 11:10	27°  09'00		evening rise		-12022 May 14 j 06:31	5°  00'16'42	
greatest brilliancy	-12025 Dec 19 j 09:55	28°  03'40	-4.7m			-12022 Jun 02 j 23:04	0° 	
	-12025 Dec 23 j 02:27	0° 				-12022 Jun 26 j 21:38	0° 	
morning max el	-12024 Jan 28 j 04:26	26°  04'23	46°00'43			-12022 Jul 20 j 23:32	0° 	
	-12024 Jan 31 j 13:27	0° 				-12022 Aug 14 j 07:11	0° 	
desc. node	-12024 Feb 28 j 21:21	29°  02'15'59		desc. node		-12022 Aug 15 j 08:47	1°  08'23	
	-12024 Feb 29 j 11:15	0° 				-12022 Sep 07 j 23:40	0° 	
	-12024 Mar 27 j 00:16	0° 				-12022 Oct 03 j 06:43	0° 	
	-12024 Apr 21 j 07:28	0° 				-12022 Oct 29 j 19:23	0° 	
	-12024 May 15 j 19:58	0° 		evening max el		-12022 Nov 17 j 18:50	19°  04'45	45°10'16
greatest brilliancy	-12024 Jun 06 j 17:50	27°  00'01	-3.9m			-12022 Nov 28 j 20:46	0° 	
	-12024 Jun 08 j 20:47	0° 		asc. node		-12022 Dec 04 j 17:11	4°  05'57'07	
asc. node	-12024 Jun 18 j 21:10	12°  00'36'44		greatest brilliancy		-12022 Dec 25 j 03:41	17°  03'41	-4.7m
	-12024 Jul 02 j 15:23	0° 		retrograde		-12021 Jan 05 j 05:43	19°  04'11	
morning set	-12024 Jul 25 j 07:28	28°  04'13'31		evening set		-12021 Jan 22 j 16:38	14°  00'40	
	-12024 Jul 26 j 08:17	0° 		inferior conj		-12021 Jan 26 j 16:11	11°  03'33'30	8°03'41
	-12024 Aug 19 j 03:03	0° 		minimum elong		-12021 Jan 26 j 14:01	11°  03'36'54	8°03'11
				min. Earth dist.		-12021 Jan 27 j 07:36	11°  09'16	0.29507 AU
superior conj	-12024 Sep 05 j 14:40	21°  05'53	1°07'20	morning rise		-12021 Jan 30 j 11:13	9°  01'13	
minimum elong	-12024 Sep 06 j 02:05	22°  03'05'2	1°07'43	direct		-12021 Feb 17 j 16:35	3°  01'34	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-12021 Feb 28 j 03:30	4° \mathbb{M} 58'06	-4.7m			-12019 Aug 28 j 03:21	0° \mathfrak{G}	
desc. node	-12021 Mar 28 j 09:23	23° \mathbb{M} 30'16		desc. node		-12019 Sep 11 j 20:12	18° \mathfrak{G} 13'28	
	-12021 Apr 04 j 13:22	0° \mathfrak{A}				-12019 Sep 21 j 09:20	0° \mathcal{O}	
morning max el	-12021 Apr 08 j 03:46	3° \mathfrak{A} 26'03	46°18'27			-12019 Oct 15 j 21:21	0° \mathfrak{M}	
	-12021 May 03 j 13:26	0° \mathfrak{Z}				-12019 Nov 09 j 17:22	0° \mathfrak{L}	
	-12021 May 29 j 15:24	0° \approx				-12019 Dec 05 j 03:15	0° \mathbb{M}	
	-12021 Jun 23 j 11:06	0° \mathfrak{H}				-12019 Dec 31 j 17:12	0° \mathfrak{A}	
asc. node	-12021 Jul 17 j 11:00	29° \mathfrak{H} 45'13		asc. node		-12018 Jan 01 j 03:00	0° \mathfrak{A} 26'39	
	-12021 Jul 17 j 15:44	0° \mathfrak{Y}		evening max el		-12018 Jan 28 j 06:29	28° \mathfrak{A} 15'36	44°58'58
	-12021 Aug 10 j 13:59	0° \mathfrak{B}				-12018 Jan 30 j 03:04	0° \mathfrak{Z}	
	-12021 Sep 07 j 11:51	0° \mathbb{I}		greatest brilliancy		-12018 Mar 07 j 11:36	25° \mathfrak{Z} 15'58	-4.7m
	-12021 Sep 27 j 13:09	0° \mathfrak{G}		retrograde		-12018 Mar 17 j 09:49	26° \mathfrak{Z} 59'14	
morning set	-12021 Oct 12 j 09:26	18° \mathfrak{G} 23'25		evening set		-12018 Apr 01 j 20:18	22° \mathfrak{Z} 35'51	
	-12021 Oct 21 j 19:11	0° \mathcal{O}		inferior conj		-12018 Apr 07 j 11:56	19° \mathfrak{Z} 21'08	3°56'36
desc. node	-12021 Nov 07 j 19:19	20° \mathcal{O} 54'49		minimum elong		-12018 Apr 07 j 19:48	19° \mathfrak{Z} 09'21	3°53'54
	-12021 Nov 15 j 04:58	0° \mathfrak{M}		min. Earth dist.		-12018 Apr 08 j 16:19	18° \mathfrak{Z} 38'43	0.27634 AU
				morning rise		-12018 Apr 13 j 18:21	15° \mathfrak{Z} 44'44	
superior conj	-12021 Nov 22 j 08:02	8° \mathfrak{M} 44'32	-0°31'46	desc. node		-12018 Apr 24 j 20:29	11° \mathfrak{Z} 45'11	
minimum elong	-12021 Nov 22 j 01:18	8° \mathfrak{M} 23'55	0°31'11	direct		-12018 Apr 28 j 22:10	11° \mathfrak{Z} 25'46	
max. Earth dist.	-12021 Nov 23 j 06:30	9° \mathfrak{M} 53'25	1.73520 AU	greatest brilliancy		-12018 May 10 j 16:23	13° \mathfrak{Z} 55'29	-4.8m
	-12021 Dec 09 j 16:15	0° \mathfrak{L}				-12018 Jun 03 j 15:34	0° \approx	
evening rise	-12021 Dec 29 j 23:40	24° \mathfrak{L} 54'24		morning max el		-12018 Jun 18 j 07:52	13° \approx 53'10	46°39'14
	-12020 Jan 03 j 03:20	0° \mathbb{M}				-12018 Jul 03 j 13:24	0° \mathfrak{H}	
greatest brilliancy	-12020 Jan 21 j 02:32	22° \mathbb{M} 02'29	-3.9m			-12018 Jul 29 j 17:06	0° \mathfrak{Y}	
	-12020 Jan 27 j 14:21	0° \mathfrak{A}		asc. node		-12018 Aug 14 j 00:37	18° \mathfrak{Y} 20'07	
	-12020 Feb 21 j 03:07	0° \mathfrak{Z}				-12018 Aug 23 j 15:13	0° \mathfrak{B}	
asc. node	-12020 Feb 26 j 22:03	7° \mathfrak{Z} 03'11				-12018 Sep 17 j 03:01	0° \mathbb{I}	
	-12020 Mar 16 j 19:55	0° \approx				-12018 Oct 11 j 13:40	0° \mathfrak{G}	
	-12020 Apr 10 j 18:54	0° \mathfrak{H}				-12018 Nov 05 j 02:57	0° \mathcal{O}	
	-12020 May 06 j 03:21	0° \mathfrak{Y}				-12018 Nov 29 j 18:43	0° \mathfrak{M}	
	-12020 Jun 01 j 06:10	0° \mathfrak{B}		desc. node		-12018 Dec 05 j 09:02	6° \mathfrak{M} 48'10	
desc. node	-12020 Jun 19 j 14:31	20° \mathfrak{B} 00'03		morning set		-12018 Dec 24 j 09:00	29° \mathfrak{M} 55'21	
evening max el	-12020 Jun 26 j 04:13	26° \mathfrak{B} 47'45	47°54'31			-12018 Dec 24 j 10:32	0° \mathfrak{L}	
	-12020 Jun 29 j 08:48	0° \mathbb{I}				-12017 Jan 17 j 23:45	0° \mathbb{M}	
greatest brilliancy	-12020 Aug 06 j 21:45	29° \mathbb{I} 01'13	-4.9m	max. Earth dist.		-12017 Jan 26 j 05:16	10° \mathbb{M} 05'50	1.73683 AU
	-12020 Aug 10 j 03:38	0° \mathfrak{G}						
retrograde	-12020 Aug 16 j 10:42	0° \mathfrak{G} 47'42		superior conj		-12017 Jan 29 j 22:43	14° \mathbb{M} 40'40	-1°20'25
	-12020 Aug 22 j 13:13	30° \mathfrak{R} \mathbb{I}		minimum elong		-12017 Jan 29 j 22:25	14° \mathbb{M} 39'43	1°20'54
evening set	-12020 Sep 02 j 03:50	25° \mathbb{I} 10'16				-12017 Feb 11 j 09:17	0° \mathfrak{A}	
min. Earth dist.	-12020 Sep 05 j 17:04	22° \mathbb{I} 57'27	0.27287 AU	evening rise		-12017 Mar 05 j 21:46	27° \mathfrak{A} 49'44	
inferior conj	-12020 Sep 06 j 06:17	22° \mathbb{I} 36'28	-6°54'16			-12017 Mar 07 j 15:51	0° \mathfrak{Z}	
minimum elong	-12020 Sep 06 j 15:43	22° \mathbb{I} 21'31	6°51'47	asc. node		-12017 Mar 26 j 09:47	23° \mathfrak{Z} 13'23	
morning rise	-12020 Sep 11 j 04:01	19° \mathbb{I} 35'36				-12017 Mar 31 j 21:04	0° \approx	
direct	-12020 Sep 26 j 14:46	14° \mathbb{I} 44'40				-12017 Apr 25 j 02:34	0° \mathfrak{H}	
greatest brilliancy	-12020 Oct 05 j 24:00	16° \mathbb{I} 26'50	-4.8m			-12017 May 19 j 09:45	0° \mathfrak{Y}	
asc. node	-12020 Oct 08 j 22:23	17° \mathbb{I} 35'46				-12017 Jun 12 j 20:44	0° \mathfrak{B}	
	-12020 Oct 28 j 01:17	0° \mathfrak{G}				-12017 Jul 07 j 15:23	0° \mathbb{I}	
morning max el	-12020 Nov 15 j 03:02	16° \mathfrak{G} 22'29	46°08'44	desc. node		-12017 Jul 18 j 00:30	12° \mathbb{I} 22'43	
	-12020 Nov 28 j 13:34	0° \mathcal{O}				-12017 Aug 02 j 01:28	0° \mathfrak{G}	
	-12020 Dec 26 j 05:37	0° \mathfrak{M}				-12017 Aug 28 j 22:16	0° \mathcal{O}	
	-12019 Jan 21 j 15:42	0° \mathfrak{L}		evening max el		-12017 Sep 06 j 00:57	8° \mathcal{O} 26'56	46°53'54
desc. node	-12019 Jan 30 j 10:30	10° \mathfrak{L} 10'58				-12017 Sep 29 j 18:54	0° \mathfrak{M}	
	-12019 Feb 16 j 07:25	0° \mathbb{M}		greatest brilliancy		-12017 Oct 15 j 16:02	9° \mathfrak{M} 30'20	-4.8m
	-12019 Mar 13 j 08:02	0° \mathfrak{A}		retrograde		-12017 Oct 26 j 14:53	11° \mathfrak{M} 47'19	
	-12019 Apr 06 j 20:05	0° \mathfrak{Z}		asc. node		-12017 Nov 06 j 09:12	9° \mathfrak{M} 22'27	
	-12019 Apr 30 j 22:43	0° \approx		evening set		-12017 Nov 10 j 13:54	7° \mathfrak{M} 14'03	
morning set	-12019 May 10 j 00:25	11° \approx 22'43		inferior conj		-12017 Nov 16 j 18:59	3° \mathfrak{M} 21'29	2°22'41
asc. node	-12019 May 21 j 09:28	25° \approx 41'57		minimum elong		-12017 Nov 16 j 14:17	3° \mathfrak{M} 29'07	2°21'44
	-12019 May 24 j 19:18	0° \mathfrak{H}		min. Earth dist.		-12017 Nov 16 j 07:05	3° \mathfrak{M} 40'48	0.28808 AU
						-12017 Nov 22 j 03:16	30° \mathfrak{R} \mathcal{O}	
superior conj	-12019 Jun 17 j 02:26	29° \mathfrak{H} 26'42	0°56'38	morning rise		-12017 Nov 22 j 15:20	29° \mathcal{O} 42'28	
minimum elong	-12019 Jun 16 j 16:25	28° \mathfrak{H} 55'03	0°56'14	direct		-12017 Dec 08 j 03:01	24° \mathcal{O} 58'44	
max. Earth dist.	-12019 Jun 17 j 12:53	29° \mathfrak{H} 59'47	1.70773 AU	greatest brilliancy		-12017 Dec 17 j 02:33	26° \mathcal{O} 27'45	-4.7m
	-12019 Jun 17 j 12:58	0° \mathfrak{Y}				-12017 Dec 25 j 06:53	0° \mathfrak{M}	
	-12019 Jul 11 j 06:36	0° \mathfrak{B}		morning max el		-12016 Jan 25 j 19:27	24° \mathfrak{M} 34'26	46°00'30
evening rise	-12019 Jul 27 j 22:49	21° \mathfrak{B} 00'16				-12016 Jan 31 j 10:41	0° \mathfrak{L}	
	-12019 Aug 04 j 02:46	0° \mathbb{I}		desc. node		-12016 Feb 27 j 23:38	28° \mathfrak{L} 45'25	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12016 Feb 29 j 02:49	0°♌				-12014 Sep 07 j 12:43	0°♏	
	-12016 Mar 26 j 13:43	0°♍				-12014 Oct 02 j 20:57	0°♐	
	-12016 Apr 20 j 19:55	0°♎				-12014 Oct 29 j 12:31	0°♑	
	-12016 May 15 j 07:54	0°♏		evening max el		-12014 Nov 15 j 11:27	17°♑31'47	45°12'38
	-12016 Jun 08 j 08:26	0°♐				-12014 Nov 29 j 01:19	0°♌	
greatest brilliancy	-12016 Jun 08 j 20:04	0°♐36'35	-3.9m	asc. node		-12014 Dec 03 j 19:24	3°♌53'05	
asc. node	-12016 Jun 17 j 23:17	12°♐06'50		greatest brilliancy		-12014 Dec 22 j 19:21	15°♌24'55	-4.7m
	-12016 Jul 02 j 02:54	0°♑		retrograde		-12013 Jan 02 j 23:25	17°♌40'04	
morning set	-12016 Jul 22 j 17:35	26°♑05'28		evening set		-12013 Jan 20 j 08:25	11°♌55'52	
	-12016 Jul 25 j 19:43	0°♒		inferior conj		-12013 Jan 24 j 09:20	9°♌26'15	8°01'13
	-12016 Aug 18 j 14:26	0°♒		minimum elong		-12013 Jan 24 j 06:33	9°♌30'38	8°00'40
				min. Earth dist.		-12013 Jan 24 j 23:05	9°♌04'37	0.29532 AU
superior conj	-12016 Sep 02 j 23:16	19°♒16'35	1°09'35	morning rise		-12013 Jan 28 j 04:34	7°♌04'32	
minimum elong	-12016 Sep 03 j 10:17	19°♒51'02	1°09'58	direct		-12013 Feb 15 j 10:08	0°♌53'54	
max. Earth dist.	-12016 Sep 10 j 15:11	28°♒50'48	1.71664 AU	greatest brilliancy		-12013 Feb 25 j 18:14	2°♌48'21	-4.7m
	-12016 Sep 11 j 13:23	0°♓		desc. node		-12013 Mar 27 j 11:30	22°♌34'06	
	-12016 Oct 05 j 17:15	0°♑				-12013 Apr 04 j 12:55	0°♍	
desc. node	-12016 Oct 09 j 08:21	4°♑29'07		morning max el		-12013 Apr 05 j 21:02	1°♍17'13	46°17'32
evening rise	-12016 Oct 16 j 02:39	12°♑49'50				-12013 May 03 j 05:50	0°♎	
	-12016 Oct 30 j 01:22	0°♐				-12013 May 29 j 05:25	0°♏	
	-12016 Nov 23 j 12:46	0°♑				-12013 Jun 23 j 00:03	0°♐	
	-12016 Dec 18 j 03:54	0°♒		asc. node		-12013 Jul 16 j 13:18	29°♐13'45	
	-12015 Jan 12 j 01:37	0°♍				-12013 Jul 17 j 04:05	0°♑	
asc. node	-12015 Jan 28 j 13:24	19°♍34'05				-12013 Aug 10 j 01:59	0°♒	
	-12015 Feb 06 j 11:13	0°♎				-12013 Sep 02 j 23:37	0°♒	
	-12015 Mar 04 j 17:04	0°♏				-12013 Sep 27 j 00:42	0°♓	
	-12015 Apr 01 j 13:32	0°♐		morning set		-12013 Oct 09 j 20:38	15°♓54'13	
evening max el	-12015 Apr 11 j 13:40	9°♐59'43	46°32'03			-12013 Oct 21 j 06:34	0°♑	
	-12015 May 04 j 14:29	0°♑		desc. node		-12013 Nov 06 j 21:26	20°♑26'45	
greatest brilliancy	-12015 May 22 j 01:33	9°♑45'08	-4.9m			-12013 Nov 14 j 16:12	0°♐	
desc. node	-12015 May 22 j 06:56	9°♑49'40						
retrograde	-12015 May 31 j 15:59	11°♑27'25		superior conj		-12013 Nov 19 j 22:30	6°♐27'26	-0°28'40
evening set	-12015 Jun 16 j 05:33	6°♑51'17		minimum elong		-12013 Nov 19 j 16:18	6°♐08'23	0°28'06
inferior conj	-12015 Jun 21 j 10:19	3°♑50'46	-6°38'00	max. Earth dist.		-12013 Nov 21 j 04:10	7°♐58'23	1.73481 AU
minimum elong	-12015 Jun 21 j 00:05	4°♑06'02	6°35'54			-12013 Dec 09 j 03:22	0°♑	
min. Earth dist.	-12015 Jun 20 j 20:21	4°♑11'37	0.26370 AU	evening rise		-12013 Dec 27 j 18:20	22°♑50'21	
morning rise	-12015 Jun 25 j 18:36	1°♑18'34				-12012 Jan 02 j 14:28	0°♒	
	-12015 Jun 28 j 05:35	30°♒		greatest brilliancy		-12012 Jan 20 j 21:41	22°♒26'38	-3.9m
direct	-12015 Jul 11 j 16:16	26°♒24'13				-12012 Jan 27 j 01:41	0°♍	
greatest brilliancy	-12015 Jul 22 j 02:31	28°♒27'06	-4.9m			-12012 Feb 20 j 14:50	0°♎	
	-12015 Jul 25 j 16:57	0°♑		asc. node		-12012 Feb 26 j 00:18	6°♎34'04	
morning max el	-12015 Aug 31 j 03:58	29°♑36'53	46°33'17			-12012 Mar 16 j 08:16	0°♏	
	-12015 Aug 31 j 13:02	0°♒				-12012 Apr 10 j 08:11	0°♐	
asc. node	-12015 Sep 10 j 13:09	10°♒31'10				-12012 May 05 j 18:08	0°♑	
	-12015 Sep 28 j 02:41	0°♒				-12012 May 31 j 23:44	0°♒	
	-12015 Oct 24 j 00:58	0°♓		desc. node		-12012 Jun 18 j 16:51	19°♒10'15	
	-12015 Nov 18 j 11:42	0°♑		evening max el		-12012 Jun 23 j 20:16	24°♒27'49	47°54'02
	-12015 Dec 13 j 18:22	0°♐				-12012 Jun 29 j 09:52	0°♒	
desc. node	-12014 Jan 01 j 22:58	22°♐54'07		greatest brilliancy		-12012 Aug 04 j 12:20	26°♒35'38	-4.9m
	-12014 Jan 07 j 21:05	0°♑		retrograde		-12012 Aug 14 j 01:37	28°♒21'48	
	-12014 Feb 01 j 17:42	0°♒		evening set		-12012 Aug 30 j 21:05	22°♒40'38	
	-12014 Feb 26 j 06:55	0°♍		inferior conj		-12012 Sep 03 j 20:28	20°♒11'27	-7°07'55
morning set	-12014 Mar 01 j 17:39	4°♍14'33		minimum elong		-12012 Sep 04 j 05:44	19°♒56'46	7°05'34
	-12014 Mar 22 j 13:14	0°♎		min. Earth dist.		-12012 Sep 03 j 06:38	20°♒33'23	0.27240 AU
max. Earth dist.	-12014 Apr 01 j 10:25	12°♎18'00	1.72328 AU	morning rise		-12012 Sep 08 j 14:51	17°♒15'48	
				direct		-12012 Sep 24 j 04:57	12°♒21'09	
superior conj	-12014 Apr 05 j 17:59	17°♎41'02	-0°38'13	greatest brilliancy		-12012 Oct 03 j 13:23	14°♒02'50	-4.8m
minimum elong	-12014 Apr 06 j 00:34	18°♎01'34	0°38'37	asc. node		-12012 Oct 08 j 00:36	15°♒54'00	
	-12014 Apr 15 j 14:31	0°♏				-12012 Oct 28 j 11:21	0°♓	
asc. node	-12014 Apr 22 j 22:19	9°♏10'10		morning max el		-12012 Nov 12 j 18:10	14°♓05'27	46°09'29
	-12014 May 09 j 12:59	0°♐				-12012 Nov 28 j 08:24	0°♑	
evening rise	-12014 May 11 j 22:53	3°♐01'40				-12012 Dec 25 j 20:28	0°♒	
	-12014 Jun 02 j 10:39	0°♑				-12011 Jan 21 j 04:46	0°♑	
	-12014 Jun 26 j 09:28	0°♒		desc. node		-12011 Jan 29 j 12:45	9°♑40'33	
	-12014 Jul 20 j 11:37	0°♒				-12011 Feb 15 j 19:32	0°♒	
	-12014 Aug 13 j 19:38	0°♓				-12011 Mar 12 j 19:38	0°♍	
desc. node	-12014 Aug 14 j 11:08	0°♓47'28				-12011 Apr 06 j 07:27	0°♎	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12011 Apr 30 j 10:00	0°♊		evening set	-12009 Nov 08 j 06:45	5°♎03'15	
morning set	-12011 May 07 j 17:13	9°♊09'24		min. Earth dist.	-12009 Nov 14 j 00:21	1°♎29'41	0.28753 AU
asc. node	-12011 May 20 j 11:39	25°♊13'19		inferior conj	-12009 Nov 14 j 12:07	1°♎10'33	2°04'24
	-12011 May 24 j 06:34	0°♋		minimum elong	-12009 Nov 14 j 07:59	1°♎17'17	2°03'36
					-12009 Nov 16 j 07:43	30°♎02	
superior conj	-12011 Jun 14 j 15:26	27°♋00'17	0°53'56	morning rise	-12009 Nov 20 j 09:49	27°♎29'31	
minimum elong	-12011 Jun 14 j 05:38	26°♋29'19	0°53'30	direct	-12009 Dec 05 j 18:39	22°♎48'28	
max. Earth dist.	-12011 Jun 14 j 15:10	26°♋59'27	1.70795 AU	greatest brilliancy	-12009 Dec 14 j 19:19	24°♎18'18	-4.7m
	-12011 Jun 17 j 00:17	0°♌			-12009 Dec 26 j 17:10	0°♎	
	-12011 Jul 10 j 18:00	0°♍		morning max el	-12008 Jan 23 j 11:24	22°♎25'06	46°00'30
evening rise	-12011 Jul 25 j 07:02	18°♍19'07			-12008 Jan 31 j 07:01	0°♏	
	-12011 Aug 03 j 14:16	0°♐		desc. node	-12008 Feb 27 j 01:39	28°♏09'04	
	-12011 Aug 27 j 14:59	0°♑			-12008 Feb 28 j 17:55	0°♐	
desc. node	-12011 Sep 10 j 22:18	17°♑43'48			-12008 Mar 26 j 02:49	0°♑	
	-12011 Sep 20 j 21:07	0°♒			-12008 Apr 20 j 08:04	0°♒	
	-12011 Oct 15 j 09:22	0°♓			-12008 May 14 j 19:33	0°♓	
	-12011 Nov 09 j 05:53	0°♑			-12008 Jun 07 j 19:52	0°♋	
	-12011 Dec 04 j 16:54	0°♌		greatest brilliancy	-12008 Jun 10 j 05:15	3°♋00'26	-3.9m
asc. node	-12011 Dec 31 j 05:28	29°♌49'01		asc. node	-12008 Jun 17 j 01:35	11°♋38'07	
	-12011 Dec 31 j 09:32	0°♌			-12008 Jul 01 j 14:16	0°♌	
evening max el	-12010 Jan 25 j 20:22	25°♌59'46	44°57'17	morning set	-12008 Jul 20 j 03:32	23°♌29'11	
	-12010 Jan 30 j 04:00	0°♍			-12008 Jul 25 j 07:04	0°♍	
greatest brilliancy	-12010 Mar 05 j 01:18	23°♍00'10	-4.7m		-12008 Aug 18 j 01:46	0°♎	
retrograde	-12010 Mar 14 j 22:33	24°♍43'03					
evening set	-12010 Mar 30 j 12:29	20°♍15'56		superior conj	-12008 Aug 31 j 07:20	16°♎36'18	1°11'41
inferior conj	-12010 Apr 05 j 01:52	17°♍04'06	4°14'45	minimum elong	-12008 Aug 31 j 17:50	17°♎09'11	1°12'06
minimum elong	-12010 Apr 05 j 10:09	16°♍51'42	4°11'59	max. Earth dist.	-12008 Sep 07 j 20:09	26°♎01'24	1.71593 AU
min. Earth dist.	-12010 Apr 06 j 07:31	16°♍19'43	0.27717 AU		-12008 Sep 11 j 00:39	0°♏	
morning rise	-12010 Apr 11 j 06:44	13°♍29'00			-12008 Oct 05 j 04:29	0°♏	
desc. node	-12010 Apr 23 j 22:43	9°♍14'37		desc. node	-12008 Oct 08 j 10:32	4°♏01'11	
direct	-12010 Apr 26 j 12:34	9°♍06'52		evening rise	-12008 Oct 13 j 13:00	10°♏19'05	
greatest brilliancy	-12010 May 08 j 07:46	11°♍36'44	-4.8m		-12008 Oct 29 j 12:36	0°♐	
	-12010 Jun 03 j 21:59	0°♎			-12008 Nov 23 j 00:07	0°♑	
morning max el	-12010 Jun 15 j 21:11	11°♎27'45	46°38'51		-12008 Dec 17 j 15:31	0°♒	
	-12010 Jul 03 j 07:46	0°♋			-12007 Jan 11 j 13:48	0°♑	
	-12010 Jul 29 j 08:06	0°♌		asc. node	-12007 Jan 27 j 15:41	19°♑02'59	
asc. node	-12010 Aug 13 j 02:51	17°♌44'31			-12007 Feb 06 j 00:33	0°♒	
	-12010 Aug 23 j 04:42	0°♍			-12007 Mar 04 j 08:38	0°♓	
	-12010 Sep 16 j 15:40	0°♎			-12007 Apr 01 j 10:28	0°♋	
	-12010 Oct 11 j 01:46	0°♏		evening max el	-12007 Apr 09 j 02:39	7°♋36'25	46°28'11
	-12010 Nov 04 j 14:38	0°♑			-12007 May 05 j 14:43	0°♌	
	-12010 Nov 29 j 06:04	0°♒		greatest brilliancy	-12007 May 19 j 12:09	7°♌14'15	-4.9m
desc. node	-12010 Dec 04 j 11:12	6°♒20'25		desc. node	-12007 May 21 j 09:14	7°♌49'28	
morning set	-12010 Dec 22 j 01:38	27°♒45'56		retrograde	-12007 May 29 j 04:03	8°♌57'36	
	-12010 Dec 23 j 21:38	0°♑		evening set	-12007 Jun 13 j 13:31	4°♌26'27	
	-12009 Jan 17 j 10:42	0°♒		inferior conj	-12007 Jun 18 j 22:00	1°♌21'27	-6°21'28
max. Earth dist.	-12009 Jan 24 j 01:23	8°♒06'44	1.73704 AU	minimum elong	-12007 Jun 18 j 11:41	1°♌36'47	6°19'16
				min. Earth dist.	-12007 Jun 18 j 08:46	1°♌41'06	0.26373 AU
superior conj	-12009 Jan 27 j 18:27	12°♒40'18	-1°20'20		-12007 Jun 21 j 05:08	30°♒08	
minimum elong	-12009 Jan 27 j 17:34	12°♒37'35	1°20'47	morning rise	-12007 Jun 23 j 09:50	28°♒44'52	
	-12009 Feb 10 j 20:12	0°♑		direct	-12007 Jul 09 j 04:43	23°♒54'44	
evening rise	-12009 Mar 03 j 17:58	25°♑49'46		greatest brilliancy	-12007 Jul 19 j 16:10	25°♒59'04	-4.9m
	-12009 Mar 07 j 02:51	0°♒			-12007 Jul 27 j 19:38	0°♌	
asc. node	-12009 Mar 25 j 11:58	22°♒45'32		morning max el	-12007 Aug 28 j 17:50	27°♌11'03	46°33'54
	-12009 Mar 31 j 08:19	0°♓			-12007 Aug 31 j 11:32	0°♍	
	-12009 Apr 24 j 14:11	0°♋		asc. node	-12007 Sep 09 j 15:19	9°♍43'53	
	-12009 May 18 j 21:54	0°♌			-12007 Sep 27 j 19:08	0°♎	
	-12009 Jun 12 j 09:32	0°♍			-12007 Oct 23 j 15:02	0°♏	
	-12009 Jul 07 j 05:08	0°♎			-12007 Nov 18 j 00:30	0°♑	
desc. node	-12009 Jul 17 j 02:51	11°♎47'22		desc. node	-12007 Dec 13 j 06:22	0°♒	
	-12009 Aug 01 j 16:55	0°♏			-12006 Jan 01 j 01:11	22°♒26'05	
	-12009 Aug 28 j 17:47	0°♑			-12006 Jan 07 j 08:32	0°♑	
evening max el	-12009 Sep 03 j 15:34	6°♑07'11	46°57'39		-12006 Feb 01 j 04:49	0°♒	
	-12009 Sep 30 j 12:02	0°♒			-12006 Feb 25 j 17:50	0°♑	
greatest brilliancy	-12009 Oct 13 j 10:55	7°♒20'21	-4.8m	morning set	-12006 Feb 27 j 13:12	2°♑13'23	
retrograde	-12009 Oct 24 j 07:57	9°♒36'15			-12006 Mar 22 j 00:05	0°♒	
asc. node	-12009 Nov 05 j 11:29	6°♒32'34		max. Earth dist.	-12006 Mar 30 j 04:51	10°♒12'02	1.72383 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

superior conj	-12006 Apr 03 j 13:02	15° Z 36'46	-0°40'50	morning rise	-12004 Sep 06 j 01:33	14° II 57'11	
minimum elong	-12006 Apr 03 j 19:53	15° Z 58'08	0°41'13	direct	-12004 Sep 21 j 18:55	9° II 58'52	
	-12006 Apr 15 j 01:24	0° \approx		greatest brilliancy	-12004 Oct 01 j 03:11	11° II 40'17	-4.9m
asc. node	-12006 Apr 22 j 00:35	8° \approx 43'03		asc. node	-12004 Oct 07 j 02:55	14° II 17'08	
	-12006 May 09 j 00:01	0° X			-12004 Oct 28 j 18:20	0° G	
evening rise	-12006 May 09 j 15:45	0° X 49'23		morning max el	-12004 Nov 10 j 08:22	11° G 46'38	46°09'59
	-12006 Jun 01 j 21:53	0° Y			-12004 Nov 28 j 02:31	0° Q	
	-12006 Jun 25 j 20:57	0° B			-12004 Dec 25 j 10:59	0° P	
	-12006 Jul 19 j 23:25	0° II			-12003 Jan 20 j 17:37	0° L	
	-12006 Aug 13 j 07:51	0° G		desc. node	-12003 Jan 28 j 14:45	9° L 09'52	
desc. node	-12006 Aug 13 j 13:14	0° G 16'27			-12003 Feb 15 j 07:27	0° M	
	-12006 Sep 07 j 01:38	0° Q			-12003 Mar 12 j 07:02	0° X	
	-12006 Oct 02 j 11:10	0° P			-12003 Apr 05 j 18:35	0° Z	
	-12006 Oct 29 j 05:53	0° L			-12003 Apr 29 j 21:02	0° \approx	
evening max el	-12006 Nov 13 j 04:23	15° L 22'47	45°15'10	morning set	-12003 May 05 j 09:59	6° \approx 56'44	
	-12006 Nov 29 j 07:47	0° M		asc. node	-12003 May 19 j 13:54	24° \approx 45'41	
asc. node	-12006 Dec 02 j 21:50	2° M 50'16			-12003 May 23 j 17:37	0° X	
greatest brilliancy	-12006 Dec 20 j 11:37	13° M 18'09	-4.7m	max. Earth dist.	-12003 Jun 11 j 17:43	24° X 00'44	1.70822 AU
retrograde	-12006 Dec 31 j 16:43	15° M 34'08					
evening set	-12005 Jan 17 j 23:57	9° M 51'50		superior conj	-12003 Jun 12 j 04:38	24° X 35'15	0°51'09
inferior conj	-12005 Jan 22 j 02:25	7° M 19'26	7°58'06	minimum elong	-12003 Jun 11 j 19:07	24° X 05'08	0°50'41
minimum elong	-12005 Jan 21 j 23:02	7° M 24'48	7°57'31		-12003 Jun 16 j 11:23	0° Y	
min. Earth dist.	-12005 Jan 22 j 14:33	7° M 00'19	0.29548 AU		-12003 Jul 10 j 05:11	0° B	
morning rise	-12005 Jan 25 j 22:01	4° M 56'53		evening rise	-12003 Jul 22 j 15:41	15° B 40'06	
	-12005 Feb 05 j 06:46	30° R L			-12003 Aug 03 j 01:33	0° II	
direct	-12005 Feb 13 j 03:39	28° L 46'54			-12003 Aug 27 j 02:20	0° G	
	-12005 Feb 21 j 07:56	0° M		desc. node	-12003 Sep 10 j 00:33	17° G 15'31	
greatest brilliancy	-12005 Feb 23 j 08:35	0° M 38'47	-4.7m		-12003 Sep 20 j 08:36	0° Q	
desc. node	-12005 Mar 26 j 13:44	21° M 40'07			-12003 Oct 14 j 21:08	0° P	
morning max el	-12005 Apr 03 j 13:40	29° M 07'55	46°16'39		-12003 Nov 08 j 18:14	0° L	
	-12005 Apr 04 j 11:10	0° X			-12003 Dec 04 j 06:30	0° M	
	-12005 May 02 j 21:37	0° Z		asc. node	-12003 Dec 30 j 07:42	29° M 10'36	
	-12005 May 28 j 18:59	0° \approx			-12003 Dec 31 j 02:03	0° X	
	-12005 Jun 22 j 12:33	0° X		evening max el	-12002 Jan 23 j 09:44	23° X 42'54	44°55'47
asc. node	-12005 Jul 15 j 15:29	28° X 43'14			-12002 Jan 30 j 06:13	0° Z	
	-12005 Jul 16 j 16:01	0° Y		greatest brilliancy	-12002 Mar 02 j 14:31	20° Z 44'05	-4.7m
	-12005 Aug 09 j 13:35	0° B		retrograde	-12002 Mar 12 j 11:36	22° Z 27'22	
	-12005 Sep 02 j 11:00	0° II		evening set	-12002 Mar 28 j 04:40	17° Z 56'02	
	-12005 Sep 26 j 11:57	0° G		inferior conj	-12002 Apr 02 j 15:46	14° Z 47'20	4°32'17
morning set	-12005 Oct 07 j 07:30	13° G 24'46		minimum elong	-12002 Apr 03 j 00:23	14° Z 34'25	4°29'31
	-12005 Oct 20 j 17:42	0° Q		min. Earth dist.	-12002 Apr 03 j 22:35	14° Z 01'11	0.27800 AU
desc. node	-12005 Nov 05 j 23:39	19° Q 59'41		morning rise	-12002 Apr 08 j 18:58	11° Z 14'04	
	-12005 Nov 14 j 03:13	0° P		desc. node	-12002 Apr 23 j 01:00	6° Z 49'32	
				direct	-12002 Apr 24 j 02:49	6° Z 48'11	
superior conj	-12005 Nov 17 j 12:14	4° P 08'36	-0°25'28	greatest brilliancy	-12002 May 05 j 23:26	9° Z 18'58	-4.8m
minimum elong	-12005 Nov 17 j 06:37	3° P 51'21	0°24'53		-12002 Jun 04 j 02:14	0° \approx	
max. Earth dist.	-12005 Nov 19 j 01:29	6° P 02'50	1.73443 AU	morning max el	-12002 Jun 13 j 10:57	9° \approx 04'05	46°38'30
	-12005 Dec 08 j 14:18	0° L			-12002 Jul 03 j 01:32	0° X	
evening rise	-12005 Dec 25 j 12:19	20° L 44'46			-12002 Jul 28 j 22:45	0° Y	
	-12004 Jan 02 j 01:25	0° M		asc. node	-12002 Aug 12 j 04:53	17° Y 09'05	
greatest brilliancy	-12004 Jan 20 j 20:50	23° M 03'39	-3.9m		-12002 Aug 22 j 17:55	0° B	
	-12004 Jan 26 j 12:48	0° X			-12002 Sep 16 j 04:04	0° II	
	-12004 Feb 20 j 02:20	0° Z			-12002 Oct 10 j 13:37	0° G	
asc. node	-12004 Feb 25 j 02:30	6° Z 05'29			-12002 Nov 04 j 02:05	0° Q	
	-12004 Mar 15 j 20:24	0° \approx			-12002 Nov 28 j 17:13	0° P	
	-12004 Apr 09 j 21:17	0° X		desc. node	-12002 Dec 03 j 13:23	5° P 53'16	
	-12004 May 05 j 08:46	0° Y		morning set	-12002 Dec 19 j 18:02	25° P 36'15	
	-12004 May 31 j 17:16	0° B			-12002 Dec 23 j 08:35	0° L	
desc. node	-12004 Jun 17 j 19:11	18° B 20'41			-12001 Jan 16 j 21:34	0° M	
evening max el	-12004 Jun 21 j 11:56	22° B 07'59	47°53'25	max. Earth dist.	-12001 Jan 21 j 21:49	6° M 08'51	1.73731 AU
	-12004 Jun 29 j 11:42	0° II					
greatest brilliancy	-12004 Aug 02 j 03:20	24° II 11'47	-4.9m	superior conj	-12001 Jan 25 j 13:55	10° M 39'20	-1°20'08
retrograde	-12004 Aug 11 j 16:05	25° II 56'54		minimum elong	-12001 Jan 25 j 12:28	10° M 34'53	1°20'34
evening set	-12004 Aug 28 j 14:15	20° II 12'25			-12001 Feb 10 j 07:04	0° X	
inferior conj	-12004 Sep 01 j 10:40	17° II 47'42	-7°20'40	evening rise	-12001 Mar 01 j 13:52	23° X 49'03	
minimum elong	-12004 Sep 01 j 19:41	17° II 33'25	7°18'28		-12001 Mar 06 j 13:50	0° Z	
min. Earth dist.	-12004 Aug 31 j 20:27	18° II 10'15	0.27196 AU	asc. node	-12001 Mar 24 j 14:14	22° Z 18'03	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-12001 Mar 30 j 19:32	0°≈			-11999 Aug 31 j 09:21	0°♄		
	-12001 Apr 24 j 01:47	0°♂		asc. node	-11999 Sep 08 j 17:41	8°♄57'30		
	-12001 May 18 j 10:00	0°♀			-11999 Sep 27 j 11:24	0°♂		
	-12001 Jun 11 j 22:20	0°♄			-11999 Oct 23 j 05:04	0°♄		
	-12001 Jul 06 j 18:55	0°♂			-11999 Nov 17 j 13:20	0°♂		
desc. node	-12001 Jul 16 j 04:58	11°♂11'16			-11999 Dec 12 j 18:26	0°♄		
	-12001 Aug 01 j 08:29	0°♄		desc. node	-11999 Dec 31 j 03:11	21°♄57'11		
	-12001 Aug 28 j 13:47	0°♂			-11998 Jan 06 j 20:05	0°♄		
evening max el	-12001 Sep 01 j 06:47	3°♂49'10	47°01'28		-11998 Jan 31 j 16:01	0°♄		
	-12001 Oct 01 j 11:04	0°♄		morning set	-11998 Feb 25 j 08:51	0°♄12'19		
greatest brilliancy	-12001 Oct 11 j 05:16	5°♄09'53	-4.8m		-11998 Feb 25 j 04:50	0°♄		
retrograde	-12001 Oct 22 j 01:25	7°♄25'24			-11998 Mar 21 j 11:04	0°♄		
asc. node	-12001 Nov 04 j 13:47	3°♄39'00		max. Earth dist.	-11998 Mar 27 j 22:12	8°♄02'21	1.72446 AU	
evening set	-12001 Nov 05 j 23:43	2°♄52'17						
	-12001 Nov 10 j 15:58	30°♄♂		superior conj	-11998 Apr 01 j 08:10	13°♄32'23	-0°43'23	
min. Earth dist.	-12001 Nov 11 j 17:20	29°♂18'58	0.28699 AU	minimum elong	-11998 Apr 01 j 15:15	13°♄54'26	0°43'47	
inferior conj	-12001 Nov 12 j 05:13	28°♂59'42	1°45'56		-11998 Apr 14 j 12:30	0°≈		
minimum elong	-12001 Nov 12 j 01:39	29°♂05'29	1°45'18	asc. node	-11998 Apr 21 j 02:52	8°≈15'20		
morning rise	-12001 Nov 18 j 04:12	25°♂17'02		evening rise	-11998 May 07 j 08:34	28°≈36'10		
direct	-12001 Dec 03 j 10:23	20°♂38'16			-11998 May 08 j 11:18	0°♂		
greatest brilliancy	-12001 Dec 12 j 11:47	22°♂08'51	-4.7m		-11998 Jun 01 j 09:24	0°♀		
	-12001 Dec 27 j 17:26	0°♄			-11998 Jun 25 j 08:43	0°♄		
morning max el	-12000 Jan 21 j 04:05	20°♄17'50	46°00'21		-11998 Jul 19 j 11:29	0°♂		
	-12000 Jan 31 j 02:39	0°♄		desc. node	-11998 Aug 12 j 15:31	29°♂45'12		
desc. node	-12000 Feb 26 j 03:53	27°♄33'35			-11998 Aug 12 j 20:21	0°♄		
	-12000 Feb 28 j 08:50	0°♄			-11998 Sep 06 j 14:49	0°♂		
	-12000 Mar 25 j 15:54	0°♄			-11998 Oct 02 j 01:43	0°♄		
	-12000 Apr 19 j 20:15	0°♄			-11998 Oct 28 j 23:49	0°♄		
	-12000 May 14 j 07:15	0°≈		evening max el	-11998 Nov 10 j 21:02	13°♄12'26	45°17'47	
	-12000 Jun 07 j 07:20	0°♂			-11998 Nov 29 j 16:57	0°♄		
greatest brilliancy	-12000 Jun 11 j 04:23	4°♂52'46	-3.9m	asc. node	-11998 Dec 02 j 00:07	1°♄45'12		
asc. node	-12000 Jun 16 j 03:43	11°♂08'49		greatest brilliancy	-11998 Dec 18 j 04:48	11°♄12'11	-4.7m	
	-12000 Jul 01 j 01:38	0°♀		retrograde	-11998 Dec 29 j 09:50	13°♄28'16		
morning set	-12000 Jul 17 j 13:35	20°♀53'14		evening set	-11997 Jan 15 j 15:36	7°♄48'19		
	-12000 Jul 24 j 18:24	0°♄		inferior conj	-11997 Jan 19 j 19:46	5°♄12'53	7°54'23	
	-12000 Aug 17 j 13:04	0°♂		minimum elong	-11997 Jan 19 j 15:47	5°♄19'13	7°53'46	
				min. Earth dist.	-11997 Jan 20 j 06:31	4°♄55'53	0.29558 AU	
superior conj	-12000 Aug 28 j 15:19	13°♂55'38	1°13'37	morning rise	-11997 Jan 23 j 15:53	2°♄49'07		
minimum elong	-12000 Aug 29 j 01:14	14°♂26'41	1°14'05		-11997 Jan 28 j 17:56	30°♄♂		
max. Earth dist.	-12000 Sep 05 j 00:56	23°♂11'15	1.71526 AU	direct	-11997 Feb 10 j 21:07	26°♄40'15		
	-12000 Sep 10 j 11:57	0°♄		greatest brilliancy	-11997 Feb 20 j 23:25	28°♄29'45	-4.7m	
	-12000 Oct 04 j 15:45	0°♂			-11997 Feb 24 j 17:50	0°♄		
desc. node	-12000 Oct 07 j 12:48	3°♂33'22		desc. node	-11997 Mar 25 j 16:00	20°♄46'58		
evening rise	-12000 Oct 10 j 23:11	7°♂47'45		morning max el	-11997 Apr 01 j 05:25	26°♄56'16	46°15'41	
	-12000 Oct 28 j 23:52	0°♄			-11997 Apr 04 j 08:44	0°♄		
	-12000 Nov 22 j 11:28	0°♄			-11997 May 02 j 13:22	0°♄		
	-12000 Dec 17 j 03:10	0°♄			-11997 May 28 j 08:41	0°≈		
	-11999 Jan 11 j 02:04	0°♄			-11997 Jun 22 j 01:19	0°♂		
asc. node	-11999 Jan 26 j 17:52	18°♄31'22		asc. node	-11997 Jul 14 j 17:34	28°♂11'24		
	-11999 Feb 05 j 14:03	0°♄			-11997 Jul 16 j 04:16	0°♀		
	-11999 Mar 04 j 00:37	0°≈			-11997 Aug 09 j 01:31	0°♄		
	-11999 Apr 01 j 08:26	0°♂			-11997 Sep 01 j 22:42	0°♂		
evening max el	-11999 Apr 06 j 16:24	5°♂14'26	46°24'08		-11997 Sep 25 j 23:29	0°♄		
	-11999 May 07 j 00:53	0°♀		morning set	-11997 Oct 04 j 18:07	10°♄53'35		
greatest brilliancy	-11999 May 16 j 22:20	4°♀42'00	-4.9m		-11997 Oct 20 j 05:05	0°♂		
desc. node	-11999 May 20 j 11:29	5°♀42'55		desc. node	-11997 Nov 05 j 01:47	19°♂31'34		
retrograde	-11999 May 26 j 16:04	6°♀26'18			-11997 Nov 13 j 14:28	0°♄		
evening set	-11999 Jun 10 j 21:26	2°♀00'16						
	-11999 Jun 14 j 10:34	30°♄♂		superior conj	-11997 Nov 15 j 01:50	1°♄48'32	-0°22'12	
inferior conj	-11999 Jun 16 j 09:23	28°♂50'49	-6°04'06	minimum elong	-11997 Nov 14 j 20:50	1°♄33'12	0°21'37	
minimum elong	-11999 Jun 15 j 23:04	29°♂06'07	6°01'50	max. Earth dist.	-11997 Nov 16 j 23:07	4°♄07'27	1.73398 AU	
min. Earth dist.	-11999 Jun 15 j 20:51	29°♂09'24	0.26372 AU		-11997 Dec 08 j 01:29	0°♄		
morning rise	-11999 Jun 21 j 00:43	26°♂09'50		evening rise	-11997 Dec 23 j 06:19	18°♄38'29		
direct	-11999 Jul 06 j 17:19	21°♂24'11			-11996 Jan 01 j 12:36	0°♄		
greatest brilliancy	-11999 Jul 17 j 05:05	23°♂29'12	-4.9m	greatest brilliancy	-11996 Jan 21 j 17:54	24°♄46'58	-3.9m	
	-11999 Jul 29 j 05:47	0°♀			-11996 Jan 26 j 00:10	0°♄		
morning max el	-11999 Aug 26 j 07:25	24°♀44'06	46°34'32		-11996 Feb 19 j 14:05	0°♄		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-11996 Feb 24 j 04:53	5° Z 36'48			-11994 Nov 03 j 13:51	0° Ω	
	-11996 Mar 15 j 08:47	0° \approx			-11994 Nov 28 j 04:41	0° M	
	-11996 Apr 09 j 10:41	0° H		desc. node	-11994 Dec 02 j 15:26	5° M 24'47	
	-11996 May 04 j 23:49	0° Y		morning set	-11994 Dec 17 j 09:58	23° M 24'12	
	-11996 May 31 j 11:34	0° B			-11994 Dec 22 j 19:49	0° $\underline{\text{A}}$	
desc. node	-11996 Jun 16 j 21:19	17° B 28'25			-11993 Jan 16 j 08:40	0° M	
evening max el	-11996 Jun 19 j 02:35	19° B 44'07	47°52'16	max. Earth dist.	-11993 Jan 19 j 20:02	4° M 15'45	1.73753 AU
	-11996 Jun 29 j 15:37	0° II					
greatest brilliancy	-11996 Jul 30 j 18:35	21° II 45'58	-4.9m	superior conj	-11993 Jan 23 j 09:08	8° M 36'56	-1°19'50
retrograde	-11996 Aug 09 j 05:39	23° II 29'29		minimum elong	-11993 Jan 23 j 07:06	8° M 30'43	1°20'14
evening set	-11996 Aug 26 j 07:05	17° II 41'49			-11993 Feb 09 j 18:09	0° Z	
min. Earth dist.	-11996 Aug 29 j 10:22	15° II 44'12	0.27152 AU	evening rise	-11993 Feb 27 j 09:53	21° Z 48'04	
inferior conj	-11996 Aug 30 j 00:34	15° II 21'40	-7°32'50		-11993 Mar 06 j 01:02	0° Z	
minimum elong	-11996 Aug 30 j 09:15	15° II 07'55	7°30'48	asc. node	-11993 Mar 23 j 16:31	21° Z 49'55	
morning rise	-11996 Sep 03 j 11:49	12° II 36'26			-11993 Mar 30 j 07:00	0° \approx	
direct	-11996 Sep 19 j 08:07	7° II 34'09			-11993 Apr 23 j 13:37	0° H	
greatest brilliancy	-11996 Sep 28 j 17:19	9° II 16'01	-4.9m		-11993 May 17 j 22:20	0° Y	
asc. node	-11996 Oct 06 j 05:12	12° II 41'52			-11993 Jun 11 j 11:19	0° B	
	-11996 Oct 28 j 23:48	0° G			-11993 Jul 06 j 08:55	0° II	
morning max el	-11996 Nov 07 j 21:43	9° G 24'13	46°10'45	desc. node	-11993 Jul 15 j 07:19	10° II 35'16	
	-11996 Nov 27 j 20:37	0° Ω			-11993 Aug 01 j 00:22	0° G	
	-11996 Dec 25 j 01:39	0° M			-11993 Aug 28 j 10:36	0° Ω	
	-11995 Jan 20 j 06:38	0° $\underline{\text{A}}$		evening max el	-11993 Aug 29 j 22:52	1° Ω 32'48	47°05'01
desc. node	-11995 Jan 27 j 16:58	8° $\underline{\text{A}}$ 39'09			-11993 Oct 02 j 20:05	0° M	
	-11995 Feb 14 j 19:34	0° M		greatest brilliancy	-11993 Oct 08 j 22:59	2° M 57'23	-4.8m
	-11995 Mar 11 j 18:39	0° Z		retrograde	-11993 Oct 19 j 19:03	5° M 12'59	
	-11995 Apr 05 j 05:57	0° Z		evening set	-11993 Nov 03 j 16:39	0° M 39'35	
	-11995 Apr 29 j 08:17	0° \approx		asc. node	-11993 Nov 03 j 16:04	0° M 40'26	
morning set	-11995 May 03 j 03:21	4° \approx 45'21			-11993 Nov 04 j 19:48	30° R Ω	
asc. node	-11995 May 18 j 16:04	24° \approx 17'06		inferior conj	-11993 Nov 09 j 22:07	26° Ω 47'12	1°27'01
	-11995 May 23 j 04:52	0° H		minimum elong	-11993 Nov 09 j 19:10	26° Ω 51'59	1°26'34
max. Earth dist.	-11995 Jun 09 j 00:31	21° H 14'44	1.70857 AU	min. Earth dist.	-11993 Nov 09 j 09:56	27° Ω 06'56	0.28647 AU
				morning rise	-11993 Nov 15 j 22:21	23° Ω 03'10	
superior conj	-11995 Jun 09 j 18:22	22° H 11'11	0°48'18	direct	-11993 Dec 01 j 02:29	18° Ω 26'32	
minimum elong	-11995 Jun 09 j 09:11	21° H 42'09	0°47'49	greatest brilliancy	-11993 Dec 10 j 03:46	19° Ω 57'34	-4.7m
	-11995 Jun 15 j 22:42	0° Y			-11993 Dec 28 j 11:56	0° M	
	-11995 Jul 09 j 16:39	0° B		morning max el	-11992 Jan 18 j 21:16	18° M 10'57	46°00'15
evening rise	-11995 Jul 20 j 00:43	13° B 01'17			-11992 Jan 30 j 22:03	0° $\underline{\text{A}}$	
	-11995 Aug 02 j 13:09	0° II		desc. node	-11992 Feb 25 j 06:08	26° $\underline{\text{A}}$ 57'56	
	-11995 Aug 26 j 14:05	0° G			-11992 Feb 27 j 23:45	0° M	
desc. node	-11995 Sep 09 j 02:50	16° G 46'03			-11992 Mar 25 j 05:01	0° Z	
	-11995 Sep 19 j 20:29	0° Ω			-11992 Apr 19 j 08:28	0° Z	
	-11995 Oct 14 j 09:18	0° M			-11992 May 13 j 19:02	0° \approx	
	-11995 Nov 08 j 07:00	0° $\underline{\text{A}}$			-11992 Jun 06 j 18:54	0° H	
	-11995 Dec 03 j 20:34	0° M		greatest brilliancy	-11992 Jun 11 j 20:04	6° H 21'29	-3.9m
asc. node	-11995 Dec 29 j 09:56	28° M 30'58		asc. node	-11992 Jun 15 j 05:50	10° H 39'14	
	-11995 Dec 30 j 19:12	0° Z			-11992 Jun 30 j 13:05	0° Y	
evening max el	-11994 Jan 20 j 23:25	21° Z 26'16	44°54'34	morning set	-11992 Jul 15 j 00:18	18° Y 19'08	
	-11994 Jan 30 j 10:19	0° Z			-11992 Jul 24 j 05:48	0° B	
greatest brilliancy	-11994 Feb 28 j 03:22	18° Z 27'36	-4.7m		-11992 Aug 17 j 00:25	0° II	
retrograde	-11994 Mar 10 j 01:32	20° Z 12'06					
evening set	-11994 Mar 25 j 21:10	15° Z 36'19		superior conj	-11992 Aug 25 j 23:45	11° II 16'02	1°15'23
inferior conj	-11994 Mar 31 j 05:55	12° Z 30'46	4°49'09	minimum elong	-11992 Aug 26 j 08:58	11° II 44'55	1°15'52
minimum elong	-11994 Mar 31 j 14:49	12° Z 17'26	4°46'23	max. Earth dist.	-11992 Sep 02 j 09:12	20° II 31'39	1.71462 AU
min. Earth dist.	-11994 Apr 01 j 13:30	11° Z 43'29	0.27883 AU		-11992 Sep 09 j 23:16	0° G	
morning rise	-11994 Apr 06 j 07:21	8° Z 59'48			-11992 Oct 04 j 03:05	0° Ω	
direct	-11994 Apr 21 j 17:38	4° Z 29'43		desc. node	-11992 Oct 06 j 14:54	3° Ω 04'55	
desc. node	-11994 Apr 22 j 03:11	4° Z 29'54		evening rise	-11992 Oct 08 j 09:21	5° Ω 16'00	
greatest brilliancy	-11994 May 03 j 15:03	7° Z 01'20	-4.8m		-11992 Oct 28 j 11:14	0° M	
	-11994 Jun 04 j 05:00	0° \approx			-11992 Nov 21 j 22:58	0° $\underline{\text{A}}$	
morning max el	-11994 Jun 11 j 01:49	6° \approx 43'07	46°38'11		-11992 Dec 16 j 14:57	0° M	
	-11994 Jul 02 j 19:04	0° H			-11991 Jan 10 j 14:31	0° Z	
	-11994 Jul 28 j 13:25	0° Y		asc. node	-11991 Jan 25 j 20:19	18° Z 00'00	
asc. node	-11994 Aug 11 j 07:15	16° Y 34'17			-11991 Feb 05 j 03:46	0° Z	
	-11994 Aug 22 j 07:16	0° B			-11991 Mar 03 j 16:56	0° \approx	
	-11994 Sep 15 j 16:42	0° II			-11991 Apr 01 j 07:17	0° H	
	-11994 Oct 10 j 01:46	0° G		evening max el	-11991 Apr 04 j 06:30	2° H 53'25	46°20'06

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11991 May 09 j 03:13	0°Υ		morning set	-11989 Oct 02 j 04:40	8°Ω22'31	
greatest brilliancy	-11991 May 14 j 08:49	2°Υ10'31	-4.9m		-11989 Oct 19 j 16:16	0°Ω	
desc. node	-11991 May 19 j 13:41	3°Υ31'14		desc. node	-11989 Nov 04 j 03:54	19°Ω04'06	
retrograde	-11991 May 24 j 03:47	3°Υ55'10					
	-11991 Jun 07 j 10:03	30°κκ		superior conj	-11989 Nov 12 j 15:21	29°Ω28'53	-0°18'53
evening set	-11991 Jun 08 j 05:41	29°κ34'15		minimum elong	-11989 Nov 12 j 11:03	29°Ω15'39	0°18'19
inferior conj	-11991 Jun 13 j 20:49	26°κ20'29	-5°46'01		-11989 Nov 13 j 01:30	0°η	
minimum elong	-11991 Jun 13 j 10:37	26°κ35'37	5°43'42	max. Earth dist.	-11989 Nov 14 j 19:57	2°η10'17	1.73349 AU
min. Earth dist.	-11991 Jun 13 j 09:13	26°κ37'41	0.26374 AU		-11989 Dec 07 j 12:25	0°ε	
morning rise	-11991 Jun 18 j 15:35	23°κ34'58		evening rise	-11989 Dec 21 j 00:14	16°ε32'40	
direct	-11991 Jul 04 j 06:04	18°κ54'02			-11989 Dec 31 j 23:35	0°η	
greatest brilliancy	-11991 Jul 14 j 18:02	20°κ59'23	-4.9m		-11988 Jan 25 j 11:21	0°χ	
	-11991 Jul 30 j 06:13	0°Υ			-11988 Feb 19 j 01:40	0°ε	
morning max el	-11991 Aug 23 j 20:12	22°Υ15'08	46°35'15	asc. node	-11988 Feb 23 j 07:07	5°ε308'04	
	-11991 Aug 31 j 06:21	0°χ			-11988 Mar 14 j 21:03	0°≈	
asc. node	-11991 Sep 07 j 19:52	8°χ11'26			-11988 Apr 08 j 23:59	0°κ	
	-11991 Sep 27 j 03:20	0°Π			-11988 May 04 j 14:50	0°Υ	
	-11991 Oct 22 j 18:54	0°ε			-11988 May 31 j 06:01	0°χ	
	-11991 Nov 17 j 02:02	0°Ω		desc. node	-11988 Jun 15 j 23:39	16°χ36'34	
	-11991 Dec 12 j 06:26	0°η		evening max el	-11988 Jun 16 j 16:03	17°χ18'06	47°51'08
desc. node	-11991 Dec 30 j 05:24	21°η28'58			-11988 Jun 29 j 20:55	0°Π	
	-11990 Jan 06 j 07:36	0°ε		greatest brilliancy	-11988 Jul 28 j 09:50	19°Π20'54	-4.9m
	-11990 Jan 31 j 03:12	0°η		retrograde	-11988 Aug 06 j 18:59	21°Π02'58	
morning set	-11990 Feb 23 j 04:18	28°η10'45		evening set	-11988 Aug 23 j 23:46	15°Π11'58	
	-11990 Feb 24 j 15:51	0°χ		min. Earth dist.	-11988 Aug 27 j 00:22	13°Π18'43	0.27111 AU
	-11990 Mar 20 j 22:01	0°ε		inferior conj	-11988 Aug 27 j 14:27	12°Π56'24	-7°44'13
max. Earth dist.	-11990 Mar 25 j 14:49	5°ε50'38	1.72505 AU	minimum elong	-11988 Aug 27 j 22:45	12°Π43'17	7°42'20
				morning rise	-11988 Aug 31 j 22:02	10°Π16'37	
superior conj	-11990 Mar 30 j 03:18	11°ε28'16	-0°45'52	direct	-11988 Sep 16 j 20:57	5°Π09'53	
minimum elong	-11990 Mar 30 j 10:35	11°ε50'56	0°46'16	greatest brilliancy	-11988 Sep 26 j 07:52	6°Π52'56	-4.9m
	-11990 Apr 13 j 23:32	0°≈		asc. node	-11988 Oct 05 j 07:24	11°Π10'39	
asc. node	-11990 Apr 20 j 04:59	7°≈47'24			-11988 Oct 29 j 03:07	0°ε	
evening rise	-11990 May 05 j 01:32	26°≈23'49		morning max el	-11988 Nov 05 j 11:14	7°ε02'43	46°11'37
	-11990 May 07 j 22:30	0°κ			-11988 Nov 27 j 13:59	0°Ω	
	-11990 May 31 j 20:50	0°Υ			-11988 Dec 24 j 15:48	0°η	
	-11990 Jun 24 j 20:25	0°χ			-11987 Jan 19 j 19:15	0°ε	
	-11990 Jul 18 j 23:30	0°Π		desc. node	-11987 Jan 26 j 19:11	8°ε09'33	
desc. node	-11990 Aug 11 j 17:51	29°Π14'21			-11987 Feb 14 j 07:21	0°η	
	-11990 Aug 12 j 08:47	0°ε			-11987 Mar 11 j 05:59	0°χ	
	-11990 Sep 06 j 03:57	0°Ω			-11987 Apr 04 j 17:03	0°ε	
	-11990 Oct 01 j 16:14	0°η			-11987 Apr 28 j 19:19	0°≈	
	-11990 Oct 28 j 17:56	0°ε		morning set	-11987 Apr 30 j 20:40	2°≈34'35	
evening max el	-11990 Nov 08 j 12:42	11°ε00'02	45°20'22	asc. node	-11987 May 17 j 18:16	23°≈49'19	
	-11990 Nov 30 j 05:06	0°η			-11987 May 22 j 15:53	0°κ	
asc. node	-11990 Dec 01 j 02:19	0°η38'47		max. Earth dist.	-11987 Jun 06 j 09:43	18°κ37'07	1.70891 AU
greatest brilliancy	-11990 Dec 15 j 22:11	9°η06'40	-4.7m				
retrograde	-11990 Dec 27 j 02:40	11°η22'45		superior conj	-11987 Jun 07 j 08:02	19°κ47'39	0°45'22
evening set	-11989 Jan 13 j 07:05	5°η45'15		minimum elong	-11987 Jun 06 j 23:15	19°κ19'52	0°44'51
inferior conj	-11989 Jan 17 j 13:08	3°η06'42	7°50'05		-11987 Jun 15 j 09:48	0°Υ	
minimum elong	-11989 Jan 17 j 08:34	3°η13'57	7°49'24		-11987 Jul 09 j 03:50	0°χ	
min. Earth dist.	-11989 Jan 17 j 22:50	2°η51'17	0.29570 AU	evening rise	-11987 Jul 17 j 09:51	10°χ23'43	
morning rise	-11989 Jan 21 j 09:57	0°η41'25			-11987 Aug 02 j 00:28	0°Π	
	-11989 Jan 22 j 13:40	30°κε			-11987 Aug 26 j 01:30	0°ε	
direct	-11989 Feb 08 j 14:09	24°ε33'51		desc. node	-11987 Sep 08 j 04:55	16°ε16'55	
greatest brilliancy	-11989 Feb 18 j 15:00	26°ε21'43	-4.7m		-11987 Sep 19 j 08:05	0°Ω	
	-11989 Feb 26 j 16:10	0°η			-11987 Oct 13 j 21:13	0°η	
desc. node	-11989 Mar 24 j 18:06	19°η54'42			-11987 Nov 07 j 19:32	0°ε	
morning max el	-11989 Mar 29 j 20:27	24°η43'09	46°14'49		-11987 Dec 03 j 10:25	0°η	
	-11989 Apr 04 j 05:30	0°χ		asc. node	-11987 Dec 28 j 12:25	27°η52'36	
	-11989 May 02 j 04:46	0°ε			-11987 Dec 30 j 12:19	0°χ	
	-11989 May 27 j 22:08	0°≈		evening max el	-11986 Jan 18 j 13:43	19°χ12'18	44°53'30
	-11989 Jun 21 j 13:49	0°κ			-11986 Jan 30 j 15:48	0°ε	
asc. node	-11989 Jul 13 j 19:52	27°κ41'01		greatest brilliancy	-11986 Feb 25 j 15:42	16°ε11'58	-4.7m
	-11989 Jul 15 j 16:15	0°Υ		retrograde	-11986 Mar 07 j 15:52	17°ε58'01	
	-11989 Aug 08 j 13:12	0°χ		evening set	-11986 Mar 23 j 13:46	13°ε17'48	
	-11989 Sep 01 j 10:12	0°Π		inferior conj	-11986 Mar 28 j 20:04	10°ε15'14	5°05'28
	-11989 Sep 25 j 10:50	0°ε		minimum elong	-11986 Mar 29 j 05:11	10°ε01'35	5°02'43

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

min. Earth dist.	-11986 Mar 30 j 03:58	9° Z 27'30	0.27969 AU		-11984 Sep 09 j 10:28	0° S	
morning rise	-11986 Apr 03 j 19:36	6° Z 46'51			-11984 Oct 03 j 14:16	0° Q	
direct	-11986 Apr 19 j 09:03	2° Z 12'25		evening rise	-11984 Oct 05 j 18:50	2° Q 42'29	
desc. node	-11986 Apr 21 j 05:23	2° Z 16'22		desc. node	-11984 Oct 05 j 17:06	2° Q 37'08	
greatest brilliancy	-11986 May 01 j 06:04	4° Z 44'05	-4.8m		-11984 Oct 27 j 22:27	0° P	
	-11986 Jun 04 j 06:07	0° \approx			-11984 Nov 21 j 10:19	0° U	
morning max el	-11986 Jun 08 j 17:25	4° \approx 24'51	46°37'44		-11984 Dec 16 j 02:37	0° M	
	-11986 Jul 02 j 12:03	0° X			-11983 Jan 10 j 02:52	0° J	
	-11986 Jul 28 j 03:43	0° Y		asc. node	-11983 Jan 24 j 22:33	17° J 28'20	
asc. node	-11986 Aug 10 j 09:26	15° Y 59'50			-11983 Feb 04 j 17:27	0° Z	
	-11986 Aug 21 j 20:18	0° B			-11983 Mar 03 j 09:21	0° \approx	
	-11986 Sep 15 j 05:00	0° II			-11983 Apr 01 j 06:49	0° X	
	-11986 Oct 09 j 13:34	0° S		evening max el	-11983 Apr 01 j 20:17	0° X 32'28	46°16'06
	-11986 Nov 03 j 01:16	0° Q		greatest brilliancy	-11983 May 11 j 19:57	29° X 41'02	-4.9m
	-11986 Nov 27 j 15:50	0° P			-11983 May 12 j 19:16	0° Y	
desc. node	-11986 Dec 01 j 17:38	4° P 57'42		desc. node	-11983 May 18 j 15:59	1° Y 15'16	
morning set	-11986 Dec 15 j 01:49	21° P 12'44		retrograde	-11983 May 21 j 15:08	1° Y 25'18	
	-11986 Dec 22 j 06:46	0° U			-11983 May 30 j 03:03	30° X	
	-11985 Jan 15 j 19:29	0° M		evening set	-11983 Jun 05 j 14:19	27° X 09'20	
max. Earth dist.	-11985 Jan 17 j 19:10	2° M 26'17	1.73771 AU	inferior conj	-11983 Jun 11 j 08:24	23° X 51'34	-5°27'16
				minimum elong	-11983 Jun 10 j 22:24	24° X 06'24	5°24'56
superior conj	-11985 Jan 21 j 04:21	6° M 35'27	-1°19'26	min. Earth dist.	-11983 Jun 10 j 22:03	24° X 06'55	0.26378 AU
minimum elong	-11985 Jan 21 j 01:45	6° M 27'28	1°19'48	morning rise	-11983 Jun 16 j 06:31	21° X 01'26	
	-11985 Feb 09 j 04:57	0° J		direct	-11983 Jul 01 j 18:30	16° X 25'11	
evening rise	-11985 Feb 25 j 06:03	19° J 48'34		greatest brilliancy	-11983 Jul 12 j 07:30	18° X 31'00	-4.9m
	-11985 Mar 05 j 11:56	0° Z			-11983 Jul 30 j 24:00	0° Y	
asc. node	-11985 Mar 22 j 18:43	21° Z 22'26		morning max el	-11983 Aug 21 j 08:03	19° Y 44'01	46°35'43
	-11985 Mar 29 j 18:10	0° \approx			-11983 Aug 31 j 02:35	0° B	
	-11985 Apr 23 j 01:12	0° X		asc. node	-11983 Sep 06 j 22:03	7° B 26'15	
	-11985 May 17 j 10:28	0° Y			-11983 Sep 26 j 19:00	0° II	
	-11985 Jun 11 j 00:10	0° B			-11983 Oct 22 j 08:37	0° S	
	-11985 Jul 05 j 22:50	0° II			-11983 Nov 16 j 14:39	0° Q	
desc. node	-11985 Jul 14 j 09:36	9° II 59'25			-11983 Dec 11 j 18:20	0° P	
	-11985 Jul 31 j 16:19	0° S		desc. node	-11983 Dec 29 j 07:36	21° P 01'01	
evening max el	-11985 Aug 27 j 15:38	29° S 18'41	47°08'40		-11982 Jan 05 j 19:00	0° U	
	-11985 Aug 28 j 07:53	0° Q			-11982 Jan 30 j 14:18	0° M	
	-11985 Oct 04 j 21:33	0° P		morning set	-11982 Feb 20 j 23:41	26° M 09'11	
greatest brilliancy	-11985 Oct 06 j 16:35	0° P 45'26	-4.8m		-11982 Feb 24 j 02:47	0° J	
retrograde	-11985 Oct 17 j 12:46	3° P 00'55			-11982 Mar 20 j 08:56	0° Z	
	-11985 Oct 29 j 12:02	30° R Q		max. Earth dist.	-11982 Mar 23 j 07:28	3° Z 39'12	1.72565 AU
evening set	-11985 Nov 01 j 09:45	28° Q 27'19					
asc. node	-11985 Nov 02 j 18:20	27° Q 39'31		superior conj	-11982 Mar 27 j 22:39	9° Z 25'02	-0°48'17
min. Earth dist.	-11985 Nov 07 j 02:14	24° Q 55'42	0.28591 AU	minimum elong	-11982 Mar 28 j 06:05	9° Z 48'10	0°48'40
inferior conj	-11985 Nov 07 j 14:58	24° Q 35'07	1°07'51		-11982 Apr 13 j 10:32	0° \approx	
minimum elong	-11985 Nov 07 j 12:38	24° Q 38'52	1°07'37	asc. node	-11982 Apr 19 j 07:16	7° \approx 20'01	
morning rise	-11985 Nov 13 j 16:18	20° Q 49'51		evening rise	-11982 May 02 j 18:53	24° \approx 12'57	
direct	-11985 Nov 28 j 18:58	16° Q 15'27			-11982 May 07 j 09:40	0° X	
greatest brilliancy	-11985 Dec 07 j 19:15	17° Q 46'15	-4.7m		-11982 May 31 j 08:11	0° Y	
	-11985 Dec 29 j 01:27	0° P			-11982 Jun 24 j 08:01	0° B	
morning max el	-11984 Jan 16 j 14:27	16° P 04'47	46°00'08		-11982 Jul 18 j 11:27	0° II	
	-11984 Jan 30 j 16:39	0° U		desc. node	-11982 Aug 10 j 19:56	28° II 42'49	
desc. node	-11984 Feb 24 j 08:09	26° U 22'37			-11982 Aug 11 j 21:14	0° S	
	-11984 Feb 27 j 14:14	0° M			-11982 Sep 05 j 17:09	0° Q	
	-11984 Mar 24 j 17:47	0° J			-11982 Oct 01 j 06:58	0° P	
	-11984 Apr 18 j 20:24	0° Z			-11982 Oct 28 j 12:36	0° U	
	-11984 May 13 j 06:32	0° \approx		evening max el	-11982 Nov 06 j 03:41	8° U 45'30	45°23'10
	-11984 Jun 06 j 06:13	0° X		asc. node	-11982 Nov 30 j 04:47	29° U 30'48	
greatest brilliancy	-11984 Jun 12 j 05:21	7° X 30'49	-3.9m		-11982 Nov 30 j 21:37	0° M	
asc. node	-11984 Jun 14 j 08:09	10° X 11'01		greatest brilliancy	-11982 Dec 13 j 15:30	7° M 00'46	-4.7m
	-11984 Jun 30 j 00:20	0° Y		retrograde	-11982 Dec 24 j 19:40	9° M 17'18	
morning set	-11984 Jul 12 j 10:56	15° Y 45'21		evening set	-11981 Jan 10 j 22:28	3° M 42'12	
	-11984 Jul 23 j 17:02	0° B		inferior conj	-11981 Jan 15 j 06:34	1° M 00'27	7°45'05
	-11984 Aug 16 j 11:39	0° II		minimum elong	-11981 Jan 15 j 01:27	1° M 08'35	7°44'20
				min. Earth dist.	-11981 Jan 15 j 15:20	0° M 46'30	0.29578 AU
superior conj	-11984 Aug 23 j 07:49	8° II 35'34	1°17'00		-11981 Jan 16 j 20:39	30° R U	
minimum elong	-11984 Aug 23 j 16:12	9° II 01'52	1°17'29	morning rise	-11981 Jan 19 j 04:20	28° U 33'27	
max. Earth dist.	-11984 Aug 30 j 18:29	17° II 55'24	1.71398 AU	direct	-11981 Feb 06 j 06:46	22° U 27'17	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

greatest brilliancy	-11981 Feb 16 j 07:02	24°♌14'13	-4.7m			-11979 Aug 25 j 13:08	0°♏	
	-11981 Feb 27 j 23:37	0°♍		desc. node		-11979 Sep 07 j 07:13	15°♏47'48	
desc. node	-11981 Mar 23 j 20:22	19°♍03'40				-11979 Sep 18 j 19:53	0°♎	
morning max el	-11981 Mar 27 j 11:40	22°♍30'23	46°14'01			-11979 Oct 13 j 09:20	0°♎	
	-11981 Apr 04 j 01:40	0°♌				-11979 Nov 07 j 08:20	0°♎	
	-11981 May 01 j 20:03	0°♌				-11979 Dec 03 j 00:39	0°♍	
	-11981 May 27 j 11:33	0°♌		asc. node		-11979 Dec 27 j 14:39	27°♍12'26	
	-11981 Jun 21 j 02:19	0°♌				-11979 Dec 30 j 06:06	0°♌	
asc. node	-11981 Jul 12 j 22:02	27°♌10'12		evening max el		-11978 Jan 16 j 05:05	17°♌00'11	44°52'31
	-11981 Jul 15 j 04:14	0°♏				-11978 Jan 30 j 23:56	0°♏	
	-11981 Aug 08 j 00:53	0°♏		greatest brilliancy		-11978 Feb 23 j 04:21	13°♏56'21	-4.7m
	-11981 Aug 31 j 21:42	0°♐		retrograde		-11978 Mar 05 j 06:27	15°♏43'35	
	-11981 Sep 24 j 22:12	0°♏		evening set		-11978 Mar 21 j 06:39	10°♏59'14	
morning set	-11981 Sep 29 j 15:08	5°♏50'53		inferior conj		-11978 Mar 26 j 10:26	7°♏59'30	5°21'05
	-11981 Oct 19 j 03:31	0°♎		minimum elong		-11978 Mar 26 j 19:42	7°♏45'36	5°18'22
desc. node	-11981 Nov 03 j 06:08	18°♎36'37		min. Earth dist.		-11978 Mar 27 j 18:18	7°♏11'45	0.28053 AU
				morning rise		-11978 Apr 01 j 07:53	4°♏33'47	
superior conj	-11981 Nov 10 j 04:34	27°♎07'53	-0°15'31			-11978 Apr 15 j 00:29	30°♎	
minimum elong	-11981 Nov 10 j 00:59	26°♎56'54	0°14'57	direct		-11978 Apr 17 j 00:57	29°♎55'12	
behind sun begin	-11981 Nov 09 j 15:39	26°♎28'14				-11978 Apr 19 j 01:50	0°♏	
behind sun end	-11981 Nov 10 j 10:20	27°♎25'34		desc. node		-11978 Apr 20 j 07:41	0°♏07'34	
max. Earth dist.	-11981 Nov 12 j 14:18	0°♎05'07	1.73301 AU	greatest brilliancy		-11978 Apr 28 j 20:26	2°♏25'45	-4.8m
	-11981 Nov 12 j 12:38	0°♎				-11978 Jun 04 j 06:22	0°♌	
	-11981 Dec 06 j 23:29	0°♎		morning max el		-11978 Jun 06 j 09:06	2°♌06'19	46°37'05
evening rise	-11981 Dec 18 j 17:46	14°♎25'15				-11978 Jul 02 j 05:00	0°♌	
	-11981 Dec 31 j 10:42	0°♍				-11978 Jul 27 j 18:10	0°♏	
	-11980 Jan 24 j 22:40	0°♌		asc. node		-11978 Aug 09 j 11:31	15°♏24'24	
	-11980 Feb 18 j 13:26	0°♏				-11978 Aug 21 j 09:33	0°♏	
asc. node	-11980 Feb 22 j 09:21	4°♏38'53				-11978 Sep 14 j 17:30	0°♐	
	-11980 Mar 14 j 09:31	0°♌				-11978 Oct 09 j 01:34	0°♏	
	-11980 Apr 08 j 13:34	0°♌				-11978 Nov 02 j 12:54	0°♎	
	-11980 May 04 j 06:14	0°♏				-11978 Nov 27 j 03:11	0°♎	
	-11980 May 31 j 01:06	0°♏		desc. node		-11978 Nov 30 j 19:48	4°♎29'52	
evening max el	-11980 Jun 14 j 05:23	14°♏51'29	47°50'00	morning set		-11978 Dec 12 j 17:53	19°♎01'12	
desc. node	-11980 Jun 15 j 01:59	15°♏43'22				-11978 Dec 21 j 17:55	0°♎	
	-11980 Jun 30 j 04:28	0°♐				-11977 Jan 15 j 06:32	0°♍	
greatest brilliancy	-11980 Jul 26 j 00:49	16°♐55'22	-4.9m	max. Earth dist.		-11977 Jan 15 j 18:49	0°♍37'40	1.73789 AU
retrograde	-11980 Aug 04 j 08:40	18°♐36'41						
evening set	-11980 Aug 21 j 16:22	12°♐42'14		superior conj		-11977 Jan 18 j 23:38	4°♍33'20	-1°18'54
min. Earth dist.	-11980 Aug 24 j 14:13	10°♐53'35	0.27070 AU	minimum elong		-11977 Jan 18 j 20:28	4°♍23'39	1°19'16
inferior conj	-11980 Aug 25 j 04:25	10°♐31'11	-7°54'36			-11977 Feb 08 j 16:00	0°♌	
minimum elong	-11980 Aug 25 j 12:16	10°♐18'48	7°52'54	evening rise		-11977 Feb 23 j 02:12	17°♌48'12	
morning rise	-11980 Aug 29 j 08:24	7°♐57'02				-11977 Mar 04 j 23:08	0°♏	
direct	-11980 Sep 14 j 09:56	2°♐45'32		asc. node		-11977 Mar 21 j 21:01	20°♏54'20	
greatest brilliancy	-11980 Sep 23 j 22:21	4°♐29'51	-4.9m			-11977 Mar 29 j 05:38	0°♌	
asc. node	-11980 Oct 04 j 09:45	9°♐42'54				-11977 Apr 22 j 13:05	0°♌	
	-11980 Oct 29 j 05:00	0°♏				-11977 May 16 j 22:55	0°♏	
morning max el	-11980 Nov 03 j 01:29	4°♏42'36	46°12'25			-11977 Jun 10 j 13:22	0°♏	
	-11980 Nov 27 j 07:09	0°♎				-11977 Jul 05 j 13:11	0°♐	
	-11980 Dec 24 j 06:02	0°♎		desc. node		-11977 Jul 13 j 11:45	9°♐21'56	
	-11979 Jan 19 j 08:03	0°♎				-11977 Jul 31 j 08:51	0°♏	
desc. node	-11979 Jan 25 j 21:11	7°♎38'43		evening max el		-11977 Aug 25 j 08:43	27°♏04'17	47°12'09
	-11979 Feb 13 j 19:20	0°♍				-11977 Aug 28 j 06:22	0°♎	
	-11979 Mar 10 j 17:30	0°♌		greatest brilliancy		-11977 Oct 04 j 10:48	28°♎33'13	-4.8m
	-11979 Apr 04 j 04:20	0°♏				-11977 Oct 08 j 22:47	0°♎	
	-11979 Apr 28 j 06:31	0°♌		retrograde		-11977 Oct 15 j 06:23	0°♎47'43	
morning set	-11979 Apr 28 j 14:07	0°♌23'48				-11977 Oct 21 j 09:04	30°♎	
asc. node	-11979 May 16 j 20:31	23°♌21'05		evening set		-11977 Oct 30 j 03:03	26°♎14'08	
	-11979 May 22 j 03:07	0°♌		asc. node		-11977 Nov 01 j 20:40	24°♎35'25	
max. Earth dist.	-11979 Jun 03 j 20:16	16°♌03'05	1.70928 AU	inferior conj		-11977 Nov 05 j 07:48	22°♎22'11	0°48'36
				minimum elong		-11977 Nov 05 j 06:08	22°♎24'54	0°48'33
superior conj	-11979 Jun 04 j 21:54	17°♌24'04	0°42'22	min. Earth dist.		-11977 Nov 04 j 18:40	22°♎43'28	0.28530 AU
minimum elong	-11979 Jun 04 j 13:34	16°♌57'43	0°41'50	morning rise		-11977 Nov 11 j 10:06	18°♎35'46	
	-11979 Jun 14 j 21:08	0°♏		direct		-11977 Nov 26 j 11:32	14°♎03'48	
	-11979 Jul 08 j 15:17	0°♏		greatest brilliancy		-11977 Dec 05 j 10:36	15°♎34'00	-4.7m
evening rise	-11979 Jul 14 j 19:22	7°♏46'32				-11977 Dec 29 j 11:47	0°♎	
	-11979 Aug 01 j 12:00	0°♐		morning max el		-11976 Jan 14 j 06:52	13°♎56'11	46°00'01

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11976 Jan 30 j 11:01	0°♌					-11974 Sep 05 j 06:39	0°♏			
desc. node	-11976 Feb 23 j 10:26	25°♌47'39					-11974 Sep 30 j 22:04	0°♐			
	-11976 Feb 27 j 04:48	0°♍					-11974 Oct 28 j 08:00	0°♑			
	-11976 Mar 24 j 06:45	0°♎			evening max el		-11974 Nov 03 j 18:26	6°♑29'50	45°26'07		
	-11976 Apr 18 j 08:35	0°♏			asc. node		-11974 Nov 29 j 07:02	28°♑20'06			
	-11976 May 12 j 18:18	0°♐					-11974 Dec 01 j 20:24	0°♒			
	-11976 Jun 05 j 17:47	0°♑			greatest brilliancy		-11974 Dec 11 j 08:29	4°♒53'50	-4.7m		
greatest brilliancy	-11976 Jun 12 j 10:14	8°♑25'29	-3.9m		retrograde		-11974 Dec 22 j 13:04	7°♒11'31			
asc. node	-11976 Jun 13 j 10:16	9°♑41'18			evening set		-11973 Jan 08 j 13:42	1°♒38'50			
	-11976 Jun 29 j 11:50	0°♒					-11973 Jan 11 j 06:12	30°♒♌			
morning set	-11976 Jul 09 j 21:38	13°♒10'55			inferior conj		-11973 Jan 12 j 24:00	28°♒53'51	7°39'26		
	-11976 Jul 23 j 04:30	0°♓			minimum elong		-11973 Jan 12 j 18:22	29°♒02'48	7°38'37		
	-11976 Aug 15 j 23:07	0°♑			min. Earth dist.		-11973 Jan 13 j 07:47	28°♒41'28	0.29581 AU		
					morning rise		-11973 Jan 16 j 22:54	26°♒25'02			
superior conj	-11976 Aug 20 j 15:56	5°♑54'25	1°18'25		direct		-11973 Feb 03 j 23:14	20°♒20'21			
minimum elong	-11976 Aug 20 j 23:25	6°♑17'53	1°18'56		greatest brilliancy		-11973 Feb 13 j 23:07	22°♒06'45	-4.7m		
max. Earth dist.	-11976 Aug 28 j 04:16	15°♑19'49	1.71335 AU				-11973 Feb 28 j 22:26	0°♒			
	-11976 Sep 08 j 21:56	0°♓			desc. node		-11973 Mar 22 j 22:36	18°♒13'33			
evening rise	-11976 Oct 03 j 04:02	0°♓07'07			morning max el		-11973 Mar 25 j 03:38	20°♒19'40	46°13'21		
	-11976 Oct 03 j 01:44	0°♓					-11973 Apr 03 j 21:15	0°♎			
desc. node	-11976 Oct 04 j 19:21	2°♓08'38					-11973 May 01 j 11:07	0°♏			
	-11976 Oct 27 j 09:57	0°♐					-11973 May 27 j 00:54	0°♐			
	-11976 Nov 20 j 21:54	0°♑					-11973 Jun 20 j 14:50	0°♑			
	-11976 Dec 15 j 14:31	0°♒			asc. node		-11973 Jul 12 j 00:09	26°♑38'57			
	-11975 Jan 09 j 15:27	0°♓					-11973 Jul 14 j 16:18	0°♒			
asc. node	-11975 Jan 24 j 00:48	16°♓56'06					-11973 Aug 07 j 12:41	0°♓			
	-11975 Feb 04 j 07:27	0°♏					-11973 Aug 31 j 09:20	0°♑			
	-11975 Mar 03 j 02:17	0°♐					-11973 Sep 24 j 09:40	0°♓			
evening max el	-11975 Mar 30 j 09:11	28°♐08'46	46°11'56		morning set		-11973 Sep 27 j 01:08	3°♓17'18			
	-11975 Apr 01 j 07:47	0°♑					-11973 Oct 18 j 14:50	0°♓			
greatest brilliancy	-11975 May 09 j 07:45	27°♑11'30	-4.9m		desc. node		-11973 Nov 02 j 08:15	18°♓08'33			
desc. node	-11975 May 17 j 18:15	28°♑52'48									
retrograde	-11975 May 19 j 02:03	28°♑54'49			superior conj		-11973 Nov 07 j 17:22	24°♓45'23	-0°12'05		
evening set	-11975 Jun 02 j 23:07	24°♑43'18			minimum elong		-11973 Nov 07 j 14:34	24°♓36'47	0°11'31		
inferior conj	-11975 Jun 08 j 20:00	21°♑22'04	-5°07'46		behind sun begin		-11973 Nov 06 j 20:36	23°♓41'34			
minimum elong	-11975 Jun 08 j 10:17	21°♑36'31	5°05'28		behind sun end		-11973 Nov 08 j 08:32	25°♓31'58			
min. Earth dist.	-11975 Jun 08 j 11:22	21°♑34'54	0.26387 AU		max. Earth dist.		-11973 Nov 10 j 07:20	27°♓55'39	1.73252 AU		
morning rise	-11975 Jun 13 j 21:21	18°♑27'22					-11973 Nov 11 j 23:50	0°♐			
direct	-11975 Jun 29 j 06:19	13°♑55'26					-11973 Dec 06 j 10:38	0°♑			
greatest brilliancy	-11975 Jul 09 j 21:38	16°♑02'38	-4.9m		evening rise		-11973 Dec 16 j 11:08	12°♑17'09			
	-11975 Jul 31 j 13:40	0°♒					-11973 Dec 30 j 21:54	0°♒			
morning max el	-11975 Aug 18 j 19:11	17°♒10'11	46°36'16				-11972 Jan 24 j 10:04	0°♓			
	-11975 Aug 30 j 22:28	0°♓					-11972 Feb 18 j 01:13	0°♏			
asc. node	-11975 Sep 06 j 00:25	6°♓41'33			asc. node		-11972 Feb 21 j 11:45	4°♏10'10			
	-11975 Sep 26 j 10:40	0°♑					-11972 Mar 13 j 21:58	0°♐			
	-11975 Oct 21 j 22:26	0°♓					-11972 Apr 08 j 03:08	0°♑			
	-11975 Nov 16 j 03:25	0°♓					-11972 May 03 j 21:45	0°♒			
	-11975 Dec 11 j 06:24	0°♐					-11972 May 30 j 20:39	0°♓			
desc. node	-11975 Dec 28 j 09:35	20°♐31'56			evening max el		-11972 Jun 11 j 19:04	12°♓25'48	47°48'30		
	-11974 Jan 05 j 06:35	0°♑			desc. node		-11972 Jun 14 j 04:07	14°♓48'35			
	-11974 Jan 30 j 01:32	0°♒					-11972 Jun 30 j 14:48	0°♑			
morning set	-11974 Feb 18 j 19:16	24°♒07'54			greatest brilliancy		-11972 Jul 23 j 14:47	14°♑27'39	-4.9m		
	-11974 Feb 23 j 13:50	0°♓			retrograde		-11972 Aug 01 j 22:26	16°♑09'01			
	-11974 Mar 19 j 19:58	0°♏			evening set		-11972 Aug 19 j 08:25	10°♑11'05			
max. Earth dist.	-11974 Mar 21 j 02:38	1°♏35'17	1.72627 AU		min. Earth dist.		-11972 Aug 22 j 03:21	8°♑27'17	0.27034 AU		
					inferior conj		-11972 Aug 22 j 17:58	8°♑04'19	-8°04'09		
superior conj	-11974 Mar 25 j 18:17	7°♏22'22	-0°50'35		minimum elong		-11972 Aug 23 j 01:17	7°♑52'49	8°02'38		
minimum elong	-11974 Mar 26 j 01:49	7°♏45'50	0°51'00		morning rise		-11972 Aug 26 j 18:23	5°♑36'00			
	-11974 Apr 12 j 21:41	0°♐			direct		-11972 Sep 11 j 22:58	0°♑19'31			
asc. node	-11974 Apr 18 j 09:33	6°♐52'13			greatest brilliancy		-11972 Sep 21 j 12:03	2°♑04'47	-4.9m		
evening rise	-11974 Apr 30 j 12:30	22°♐02'30			asc. node		-11972 Oct 03 j 12:00	8°♑17'09			
	-11974 May 06 j 21:00	0°♑					-11972 Oct 29 j 05:48	0°♓			
	-11974 May 30 j 19:46	0°♒			morning max el		-11972 Oct 31 j 16:18	2°♓23'23	46°13'16		
	-11974 Jun 23 j 19:53	0°♓					-11972 Nov 27 j 00:03	0°♓			
	-11974 Jul 17 j 23:39	0°♑					-11972 Dec 23 j 20:08	0°♐			
desc. node	-11974 Aug 09 j 22:16	28°♑11'16					-11971 Jan 18 j 20:44	0°♑			
	-11974 Aug 11 j 09:55	0°♓			desc. node		-11971 Jan 24 j 23:25	7°♑08'48			

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11971 Feb 13 j 07:14	0°♌					-11969 Aug 28 j 05:19	0°♌	
	-11971 Mar 10 j 04:57	0°♌		greatest brilliancy	-11969 Oct 02 j 05:19	26°♌21'45	-4.8m		
	-11971 Apr 03 j 15:31	0°♌		retrograde	-11969 Oct 12 j 23:24	28°♌34'28			
morning set	-11971 Apr 26 j 08:02	28°♌15'01		evening set	-11969 Oct 27 j 20:21	24°♌00'50			
	-11971 Apr 27 j 17:35	0°♌		asc. node	-11969 Oct 31 j 22:55	21°♌29'36			
asc. node	-11971 May 15 j 22:40	22°♌53'00		min. Earth dist.	-11969 Nov 02 j 11:18	20°♌30'49	0.28474 AU		
	-11971 May 21 j 14:11	0°♌		inferior conj	-11969 Nov 03 j 00:31	20°♌09'22	0°29'04		
max. Earth dist.	-11971 Jun 01 j 07:00	13°♌30'17	1.70964 AU	minimum elong	-11969 Nov 02 j 23:30	20°♌11'00	0°29'14		
				morning rise	-11969 Nov 09 j 03:36	16°♌21'42			
superior conj	-11971 Jun 02 j 12:19	15°♌02'51	0°39'20	direct	-11969 Nov 24 j 03:41	11°♌52'13			
minimum elong	-11971 Jun 02 j 04:29	14°♌38'07	0°38'48	greatest brilliancy	-11969 Dec 03 j 02:19	13°♌22'03	-4.7m		
	-11971 Jun 14 j 08:17	0°♌			-11969 Dec 29 j 19:16	0°♌			
	-11971 Jul 08 j 02:35	0°♌		morning max el	-11968 Jan 11 j 22:22	11°♌45'37	45°59'53		
evening rise	-11971 Jul 12 j 05:17	5°♌10'57			-11968 Jan 30 j 04:47	0°♌			
	-11971 Jul 31 j 23:26	0°♌		desc. node	-11968 Feb 22 j 12:39	25°♌13'23			
	-11971 Aug 25 j 00:43	0°♌			-11968 Feb 26 j 19:00	0°♌			
desc. node	-11971 Sep 06 j 09:28	15°♌18'39			-11968 Mar 23 j 19:25	0°♌			
	-11971 Sep 18 j 07:39	0°♌			-11968 Apr 17 j 20:28	0°♌			
	-11971 Oct 12 j 21:27	0°♌			-11968 May 12 j 05:48	0°♌			
	-11971 Nov 06 j 21:08	0°♌			-11968 Jun 05 j 05:07	0°♌			
	-11971 Dec 02 j 14:57	0°♌		greatest brilliancy	-11968 Jun 12 j 10:48	9°♌07'27	-3.9m		
asc. node	-11971 Dec 26 j 16:54	26°♌32'05		asc. node	-11968 Jun 12 j 12:25	9°♌12'30			
	-11971 Dec 30 j 00:13	0°♌			-11968 Jun 28 j 23:04	0°♌			
evening max el	-11970 Jan 13 j 20:43	14°♌48'54	44°51'38	morning set	-11968 Jul 07 j 08:41	10°♌38'28			
	-11970 Jan 31 j 10:50	0°♌			-11968 Jul 22 j 15:40	0°♌			
greatest brilliancy	-11970 Feb 20 j 17:34	11°♌41'47	-4.7m		-11968 Aug 15 j 10:14	0°♌			
retrograde	-11970 Mar 02 j 20:42	13°♌29'27							
evening set	-11970 Mar 18 j 23:34	8°♌41'14		superior conj	-11968 Aug 18 j 00:35	3°♌15'54	1°19'38		
inferior conj	-11970 Mar 24 j 00:48	5°♌44'20	5°36'08	minimum elong	-11968 Aug 18 j 07:07	3°♌36'25	1°20'10		
minimum elong	-11970 Mar 24 j 10:08	5°♌30'16	5°33'29	max. Earth dist.	-11968 Aug 25 j 12:34	12°♌40'36	1.71269 AU		
min. Earth dist.	-11970 Mar 25 j 08:38	4°♌56'27	0.28131 AU		-11968 Sep 08 j 09:03	0°♌			
morning rise	-11970 Mar 29 j 19:55	2°♌21'16		evening rise	-11968 Sep 30 j 13:18	27°♌32'52			
	-11970 Apr 03 j 16:18	30°♌			-11968 Oct 02 j 12:51	0°♌			
direct	-11970 Apr 14 j 16:41	27°♌38'42		desc. node	-11968 Oct 03 j 21:28	1°♌40'48			
desc. node	-11970 Apr 19 j 09:51	28°♌03'58			-11968 Oct 26 j 21:07	0°♌			
	-11970 Apr 26 j 02:53	0°♌			-11968 Nov 20 j 09:13	0°♌			
greatest brilliancy	-11970 Apr 26 j 10:14	0°♌07'19	-4.8m		-11968 Dec 15 j 02:11	0°♌			
morning max el	-11970 Jun 04 j 00:11	29°♌47'13	46°36'36		-11967 Jan 09 j 03:52	0°♌			
	-11970 Jun 04 j 05:17	0°♌		asc. node	-11967 Jan 23 j 03:13	16°♌24'51			
	-11970 Jul 01 j 21:20	0°♌			-11967 Feb 03 j 21:22	0°♌			
	-11970 Jul 27 j 08:10	0°♌			-11967 Mar 02 j 19:20	0°♌			
asc. node	-11970 Aug 08 j 13:53	14°♌51'01		evening max el	-11967 Mar 27 j 21:09	25°♌43'40	46°07'55		
	-11970 Aug 20 j 22:25	0°♌			-11967 Apr 01 j 09:45	0°♌			
	-11970 Sep 14 j 05:44	0°♌		greatest brilliancy	-11967 May 06 j 19:34	24°♌42'40	-4.8m		
	-11970 Oct 08 j 13:22	0°♌		retrograde	-11967 May 16 j 12:42	26°♌25'11			
	-11970 Nov 02 j 00:23	0°♌		desc. node	-11967 May 16 j 20:27	26°♌25'04			
	-11970 Nov 26 j 14:24	0°♌		evening set	-11967 May 31 j 07:58	22°♌17'19			
desc. node	-11970 Nov 29 j 21:51	4°♌02'06		inferior conj	-11967 Jun 06 j 07:30	18°♌53'14	-4°47'41		
morning set	-11970 Dec 10 j 09:18	16°♌48'10		minimum elong	-11967 Jun 05 j 22:07	19°♌07'09	4°45'24		
	-11970 Dec 21 j 04:56	0°♌		min. Earth dist.	-11967 Jun 06 j 00:47	19°♌03'11	0.26400 AU		
max. Earth dist.	-11969 Jan 13 j 17:44	28°♌47'21	1.73801 AU	morning rise	-11967 Jun 11 j 12:01	15°♌54'09			
	-11969 Jan 14 j 17:25	0°♌		direct	-11967 Jun 26 j 17:49	11°♌25'55			
				greatest brilliancy	-11967 Jul 07 j 12:11	13°♌35'23	-4.9m		
superior conj	-11969 Jan 16 j 18:21	2°♌30'07	-1°18'17		-11967 Jul 31 j 23:35	0°♌			
minimum elong	-11969 Jan 16 j 14:39	2°♌18'45	1°18'36	morning max el	-11967 Aug 16 j 06:42	14°♌38'08	46°37'05		
	-11969 Feb 08 j 02:53	0°♌			-11967 Aug 30 j 17:28	0°♌			
evening rise	-11969 Feb 20 j 22:03	15°♌47'26		asc. node	-11967 Sep 05 j 02:34	5°♌57'50			
	-11969 Mar 04 j 10:09	0°♌			-11967 Sep 26 j 01:46	0°♌			
asc. node	-11969 Mar 20 j 23:16	20°♌26'37			-11967 Oct 21 j 11:45	0°♌			
	-11969 Mar 28 j 16:56	0°♌			-11967 Nov 15 j 15:44	0°♌			
	-11969 Apr 22 j 00:48	0°♌			-11967 Dec 10 j 18:05	0°♌			
	-11969 May 16 j 11:10	0°♌		desc. node	-11967 Dec 27 j 11:50	20°♌04'33			
	-11969 Jun 10 j 02:19	0°♌			-11966 Jan 04 j 17:50	0°♌			
	-11969 Jul 05 j 03:17	0°♌			-11966 Jan 29 j 12:30	0°♌			
desc. node	-11969 Jul 12 j 14:06	8°♌45'58		morning set	-11966 Feb 16 j 14:31	22°♌06'17			
	-11969 Jul 31 j 01:14	0°♌			-11966 Feb 23 j 00:40	0°♌			
evening max el	-11969 Aug 23 j 01:09	24°♌49'05	47°15'20	max. Earth dist.	-11966 Mar 18 j 22:49	29°♌35'15	1.72688 AU		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11966 Mar 19 j 06:47	0° Z		min. Earth dist.	-11964 Aug 19 j 16:03	6° II 01'17	0.26996 AU
				inferior conj	-11964 Aug 20 j 07:22	5° II 37'17	-8°13'00
superior conj	-11966 Mar 23 j 13:37	5° Z 19'36	-0°52'51	minimum elong	-11964 Aug 20 j 14:07	5° II 26'43	8°11'38
minimum elong	-11966 Mar 23 j 21:15	5° Z 43'21	0°53'16	morning rise	-11964 Aug 24 j 04:15	3° II 14'45	
	-11966 Apr 12 j 08:35	0° \approx			-11964 Aug 30 j 12:17	30° R Z	
asc. node	-11966 Apr 17 j 11:40	6° \approx 24'37		direct	-11964 Sep 09 j 12:22	27° Z 53'34	
evening rise	-11966 Apr 28 j 06:00	19° \approx 52'34		greatest brilliancy	-11964 Sep 19 j 01:08	29° Z 39'03	-4.9m
	-11966 May 06 j 08:05	0° X			-11964 Sep 19 j 23:55	0° II	
	-11966 May 30 j 07:06	0° Y		asc. node	-11964 Oct 02 j 14:13	6° II 54'29	
	-11966 Jun 23 j 07:32	0° Z			-11964 Oct 29 j 05:21	0° Z	
	-11966 Jul 17 j 11:40	0° II		morning max el	-11964 Oct 29 j 07:38	0° Z 05'39	46°14'11
desc. node	-11966 Aug 09 j 00:33	27° II 40'18			-11964 Nov 26 j 16:30	0° Ω	
	-11966 Aug 10 j 22:24	0° Z			-11964 Dec 23 j 09:56	0° II	
	-11966 Sep 04 j 19:54	0° Ω			-11963 Jan 18 j 09:12	0° Ω	
	-11966 Sep 30 j 12:57	0° II		desc. node	-11963 Jan 24 j 01:36	6° Ω 39'18	
	-11966 Oct 28 j 03:27	0° Ω			-11963 Feb 12 j 18:56	0° II	
evening max el	-11966 Nov 01 j 09:52	4° Ω 17'00	45°29'13		-11963 Mar 09 j 16:14	0° X	
asc. node	-11966 Nov 28 j 09:16	27° Ω 08'40			-11963 Apr 03 j 02:36	0° Z	
	-11966 Dec 03 j 03:20	0° II		morning set	-11963 Apr 24 j 02:00	26° Z 06'31	
greatest brilliancy	-11966 Dec 09 j 00:52	2° II 47'28	-4.7m		-11963 Apr 27 j 04:37	0° \approx	
retrograde	-11966 Dec 20 j 06:58	5° II 07'02		asc. node	-11963 May 15 j 00:53	22° \approx 25'04	
	-11965 Jan 05 j 13:02	30° R Ω			-11963 May 21 j 01:17	0° X	
evening set	-11965 Jan 06 j 04:59	29° Ω 36'39		max. Earth dist.	-11963 May 29 j 14:20	10° X 46'46	1.71003 AU
inferior conj	-11965 Jan 10 j 17:32	26° Ω 48'18	7°33'15				
minimum elong	-11965 Jan 10 j 11:25	26° Ω 58'01	7°32'20	superior conj	-11963 May 31 j 02:46	12° X 41'46	0°36'15
min. Earth dist.	-11965 Jan 11 j 00:02	26° Ω 37'58	0.29586 AU	minimum elong	-11963 May 30 j 19:30	12° X 18'48	0°35'41
morning rise	-11965 Jan 14 j 17:45	24° Ω 17'32			-11963 Jun 13 j 19:29	0° Y	
direct	-11965 Feb 01 j 16:14	18° Ω 14'27			-11963 Jul 07 j 13:54	0° Z	
greatest brilliancy	-11965 Feb 11 j 15:05	20° Ω 00'12	-4.7m	evening rise	-11963 Jul 09 j 15:09	2° Z 35'11	
	-11965 Mar 01 j 15:00	0° II			-11963 Jul 31 j 10:52	0° II	
desc. node	-11965 Mar 22 j 00:43	17° II 24'38			-11963 Aug 24 j 12:18	0° Z	
morning max el	-11965 Mar 22 j 20:40	18° II 12'15	46°12'32	desc. node	-11963 Sep 05 j 11:34	14° Z 49'04	
	-11965 Apr 03 j 16:08	0° X			-11963 Sep 17 j 19:27	0° Ω	
	-11965 May 01 j 01:51	0° Z			-11963 Oct 12 j 09:37	0° II	
	-11965 May 26 j 13:59	0° \approx			-11963 Nov 06 j 10:00	0° Ω	
	-11965 Jun 20 j 03:06	0° X			-11963 Dec 02 j 05:21	0° II	
asc. node	-11965 Jul 11 j 02:27	26° X 09'00		asc. node	-11963 Dec 25 j 19:22	25° II 52'14	
	-11965 Jul 14 j 04:07	0° Y			-11963 Dec 29 j 18:38	0° X	
	-11965 Aug 07 j 00:15	0° Z		evening max el	-11962 Jan 11 j 12:17	12° X 37'56	44°50'56
	-11965 Aug 30 j 20:45	0° II			-11962 Feb 01 j 01:00	0° Z	
	-11965 Sep 23 j 20:56	0° Z		greatest brilliancy	-11962 Feb 18 j 07:34	9° Z 29'18	-4.7m
morning set	-11965 Sep 24 j 11:08	0° Z 44'12		retrograde	-11962 Feb 28 j 10:41	11° Z 16'54	
	-11965 Oct 18 j 01:56	0° Ω		evening set	-11962 Mar 16 j 16:52	6° Z 24'53	
desc. node	-11965 Nov 01 j 10:23	17° Ω 41'13		inferior conj	-11962 Mar 21 j 15:37	3° Z 30'50	5°50'17
				minimum elong	-11962 Mar 22 j 00:57	3° Z 16'43	5°47'43
superior conj	-11965 Nov 05 j 06:11	22° Ω 23'30	-0°08'36	min. Earth dist.	-11962 Mar 22 j 23:34	2° Z 42'35	0.28212 AU
minimum elong	-11965 Nov 05 j 04:11	22° Ω 17'22	0°08'04	morning rise	-11962 Mar 27 j 08:17	0° Z 10'21	
behind sun begin	-11965 Nov 04 j 05:48	21° Ω 08'32			-11962 Mar 27 j 15:52	30° R X	
behind sun end	-11965 Nov 06 j 02:35	23° Ω 26'11		direct	-11962 Apr 12 j 08:32	25° X 23'44	
max. Earth dist.	-11965 Nov 08 j 00:31	25° Ω 47'19	1.73198 AU	desc. node	-11962 Apr 18 j 12:04	26° X 06'06	
	-11965 Nov 11 j 10:47	0° II		greatest brilliancy	-11962 Apr 24 j 00:43	27° X 50'31	-4.8m
	-11965 Dec 05 j 21:31	0° Ω			-11962 Apr 28 j 16:31	0° Z	
evening rise	-11965 Dec 14 j 04:40	10° Ω 10'24		morning max el	-11962 Jun 01 j 14:39	27° Z 26'32	46°35'48
	-11965 Dec 30 j 08:50	0° II			-11962 Jun 04 j 03:22	0° \approx	
	-11964 Jan 23 j 21:15	0° X			-11962 Jul 01 j 13:34	0° X	
	-11964 Feb 17 j 12:51	0° Z			-11962 Jul 26 j 22:15	0° Y	
asc. node	-11964 Feb 20 j 13:57	3° Z 41'22		asc. node	-11962 Aug 07 j 16:01	14° Y 16'28	
	-11964 Mar 13 j 10:22	0° \approx			-11962 Aug 20 j 11:25	0° Z	
	-11964 Apr 07 j 16:44	0° X			-11962 Sep 13 j 18:04	0° II	
	-11964 May 03 j 13:24	0° Y			-11962 Oct 08 j 01:15	0° Z	
	-11964 May 30 j 16:41	0° Z			-11962 Nov 01 j 11:56	0° Ω	
evening max el	-11964 Jun 09 j 09:38	10° Z 02'44	47°46'56		-11962 Nov 26 j 01:42	0° II	
desc. node	-11964 Jun 13 j 06:29	13° Z 53'34		desc. node	-11962 Nov 29 j 00:04	3° II 34'29	
	-11964 Jul 01 j 04:22	0° II		morning set	-11962 Dec 08 j 00:43	14° II 34'49	
greatest brilliancy	-11964 Jul 21 j 04:05	11° II 59'23	-4.9m		-11962 Dec 20 j 16:02	0° Ω	
retrograde	-11964 Jul 30 j 12:34	13° II 41'15		max. Earth dist.	-11961 Jan 11 j 15:18	26° Ω 52'39	1.73807 AU
evening set	-11964 Aug 17 j 00:12	7° II 40'05			-11961 Jan 14 j 04:24	0° II	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

superior conj	-11961 Jan 14 j 13:16	0°♄27'13	-1°17'34	morning rise	-11959 Jun 09 j 02:55	13°♄21'54	
minimum elong	-11961 Jan 14 j 09:01	0°♄14'11	1°17'50	direct	-11959 Jun 24 j 05:50	8°♄56'47	
	-11961 Feb 07 j 13:51	0°♄		greatest brilliancy	-11959 Jul 05 j 02:56	11°♄08'42	-4.9m
evening rise	-11961 Feb 18 j 18:11	13°♄47'26			-11959 Aug 01 j 07:03	0°♄	
	-11961 Mar 03 j 21:14	0°♄		morning max el	-11959 Aug 13 j 19:24	12°♄08'23	46°37'34
asc. node	-11961 Mar 20 j 01:29	19°♄58'38			-11959 Aug 30 j 12:19	0°♄	
	-11961 Mar 28 j 04:19	0°♄		asc. node	-11959 Sep 04 j 04:46	5°♄13'47	
	-11961 Apr 21 j 12:39	0°♄			-11959 Sep 25 j 17:05	0°♄	
	-11961 May 15 j 23:36	0°♄			-11959 Oct 21 j 01:26	0°♄	
	-11961 Jun 09 j 15:35	0°♄			-11959 Nov 15 j 04:28	0°♄	
	-11961 Jul 04 j 17:50	0°♄			-11959 Dec 10 j 06:09	0°♄	
desc. node	-11961 Jul 11 j 16:23	8°♄08'33		desc. node	-11959 Dec 26 j 14:00	19°♄35'49	
	-11961 Jul 30 j 18:18	0°♄			-11958 Jan 04 j 05:25	0°♄	
evening max el	-11961 Aug 20 j 16:42	22°♄30'22	47°18'33		-11958 Jan 28 j 23:47	0°♄	
	-11961 Aug 28 j 05:45	0°♄		morning set	-11958 Feb 14 j 09:37	20°♄03'17	
greatest brilliancy	-11961 Sep 30 j 00:14	24°♄09'27	-4.9m		-11958 Feb 22 j 11:48	0°♄	
retrograde	-11961 Oct 10 j 15:56	26°♄19'58		max. Earth dist.	-11958 Mar 16 j 19:40	27°♄36'25	1.72744 AU
evening set	-11961 Oct 25 j 13:40	21°♄46'01			-11958 Mar 18 j 17:55	0°♄	
min. Earth dist.	-11961 Oct 31 j 04:10	18°♄16'34	0.28414 AU				
asc. node	-11961 Oct 31 j 01:12	18°♄21'23		superior conj	-11958 Mar 21 j 09:07	3°♄16'22	-0°55'03
inferior conj	-11961 Oct 31 j 17:09	17°♄55'28	0°09'22	minimum elong	-11958 Mar 21 j 16:48	3°♄40'16	0°55'28
minimum elong	-11961 Oct 31 j 16:48	17°♄56'01	0°09'45		-11958 Apr 11 j 19:48	0°♄	
transit middle	-11961 Oct 31 j 16:48	17°♄56'01	0°09'45	asc. node	-11958 Apr 16 j 13:57	5°♄56'37	
transit begin	-11961 Oct 31 j 13:35	18°♄01'15		evening rise	-11958 Apr 25 j 23:56	17°♄43'11	
transit end	-11961 Oct 31 j 20:01	17°♄50'47			-11958 May 05 j 19:27	0°♄	
morning rise	-11961 Nov 06 j 20:50	14°♄06'38			-11958 May 29 j 18:41	0°♄	
direct	-11961 Nov 21 j 19:11	9°♄39'26			-11958 Jun 22 j 19:24	0°♄	
greatest brilliancy	-11961 Nov 30 j 18:26	11°♄09'29	-4.8m		-11958 Jul 16 j 23:56	0°♄	
	-11961 Dec 30 j 00:54	0°♄		desc. node	-11958 Aug 08 j 02:40	27°♄07'55	
morning max el	-11960 Jan 09 j 13:25	9°♄33'11	45°59'56		-11958 Aug 10 j 11:12	0°♄	
	-11960 Jan 29 j 22:24	0°♄			-11958 Sep 04 j 09:35	0°♄	
desc. node	-11960 Feb 21 j 14:39	24°♄38'12			-11958 Sep 30 j 04:29	0°♄	
	-11960 Feb 26 j 09:14	0°♄			-11958 Oct 28 j 00:08	0°♄	
	-11960 Mar 23 j 08:09	0°♄		evening max el	-11958 Oct 30 j 02:08	2°♄04'41	45°32'22
	-11960 Apr 17 j 08:27	0°♄		asc. node	-11958 Nov 27 j 11:42	25°♄53'45	
	-11960 May 11 j 17:25	0°♄			-11958 Dec 05 j 03:38	0°♄	
	-11960 Jun 04 j 16:34	0°♄		greatest brilliancy	-11958 Dec 06 j 17:06	0°♄39'05	-4.7m
asc. node	-11960 Jun 11 j 14:43	8°♄43'44		retrograde	-11958 Dec 18 j 01:00	3°♄00'25	
greatest brilliancy	-11960 Jun 12 j 06:27	9°♄33'23	-3.9m		-11958 Dec 30 j 06:39	30°♄	
	-11960 Jun 28 j 10:29	0°♄		evening set	-11957 Jan 03 j 20:03	27°♄32'40	
morning set	-11960 Jul 04 j 19:54	8°♄05'46		inferior conj	-11957 Jan 08 j 10:53	24°♄40'44	7°26'24
	-11960 Jul 22 j 03:06	0°♄		minimum elong	-11957 Jan 08 j 04:20	24°♄51'08	7°25'25
	-11960 Aug 14 j 21:42	0°♄		min. Earth dist.	-11957 Jan 08 j 15:50	24°♄32'50	0.29585 AU
				morning rise	-11957 Jan 12 j 12:34	22°♄07'47	
superior conj	-11960 Aug 15 j 08:56	0°♄35'19	1°20'42	direct	-11957 Jan 30 j 09:26	16°♄06'49	
minimum elong	-11960 Aug 15 j 14:26	0°♄52'37	1°21'13	greatest brilliancy	-11957 Feb 09 j 06:14	17°♄51'16	-4.7m
max. Earth dist.	-11960 Aug 22 j 15:25	9°♄43'09	1.71209 AU		-11957 Mar 02 j 04:05	0°♄	
	-11960 Sep 07 j 20:31	0°♄		morning max el	-11957 Mar 20 j 14:05	16°♄04'51	46°11'46
evening rise	-11960 Sep 27 j 21:44	24°♄54'53		desc. node	-11957 Mar 21 j 02:59	16°♄35'49	
	-11960 Oct 02 j 00:20	0°♄			-11957 Apr 03 j 10:56	0°♄	
desc. node	-11960 Oct 02 j 23:40	1°♄12'10			-11957 Apr 30 j 16:44	0°♄	
	-11960 Oct 26 j 08:37	0°♄			-11957 May 26 j 03:16	0°♄	
	-11960 Nov 19 j 20:52	0°♄			-11957 Jun 19 j 15:34	0°♄	
	-11960 Dec 14 j 14:12	0°♄		asc. node	-11957 Jul 10 j 04:35	25°♄37'48	
	-11959 Jan 08 j 16:40	0°♄			-11957 Jul 13 j 16:09	0°♄	
asc. node	-11959 Jan 22 j 05:25	15°♄52'00			-11957 Aug 06 j 12:01	0°♄	
	-11959 Feb 03 j 11:43	0°♄			-11957 Aug 30 j 08:21	0°♄	
	-11959 Mar 02 j 12:58	0°♄		morning set	-11957 Sep 21 j 21:15	28°♄10'31	
evening max el	-11959 Mar 25 j 09:17	23°♄18'50	46°04'10		-11957 Sep 23 j 08:25	0°♄	
	-11959 Apr 01 j 13:19	0°♄			-11957 Oct 17 j 13:19	0°♄	
greatest brilliancy	-11959 May 04 j 07:05	22°♄13'53	-4.8m	desc. node	-11957 Oct 31 j 12:37	17°♄13'11	
retrograde	-11959 May 13 j 23:58	23°♄56'31					
desc. node	-11959 May 15 j 22:44	23°♄52'05		superior conj	-11957 Nov 02 j 18:29	19°♄58'53	-0°05'05
evening set	-11959 May 28 j 17:20	19°♄51'27		minimum elong	-11957 Nov 02 j 17:20	19°♄55'21	0°04'34
inferior conj	-11959 Jun 03 j 19:15	16°♄24'58	-4°27'08	behind sun begin	-11957 Nov 01 j 16:28	18°♄38'53	
minimum elong	-11959 Jun 03 j 10:18	16°♄38'12	4°24'55	behind sun end	-11957 Nov 03 j 18:12	21°♄11'49	
min. Earth dist.	-11959 Jun 03 j 14:16	16°♄32'21	0.26420 AU	max. Earth dist.	-11957 Nov 05 j 17:57	23°♄38'38	1.73150 AU

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11957 Nov 10 j 22:05	0°♎		greatest brilliancy	-11954 Apr 21 j 15:40	25°♊33'45	-4.8m
	-11957 Dec 05 j 08:47	0°♏			-11954 Apr 30 j 07:55	0°♑	
evening rise	-11957 Dec 11 j 21:36	8°♏00'41		morning max el	-11954 May 30 j 04:15	25°♑03'26	46°35'09
	-11957 Dec 29 j 20:10	0°♎			-11954 Jun 04 j 00:49	0°♐	
	-11956 Jan 23 j 08:48	0°♊			-11954 Jul 01 j 05:37	0°♏	
	-11956 Feb 17 j 00:51	0°♑			-11954 Jul 26 j 12:14	0°♎	
asc. node	-11956 Feb 19 j 16:12	3°♑11'37		asc. node	-11954 Aug 06 j 18:08	13°♎41'59	
	-11956 Mar 12 j 23:08	0°♐			-11954 Aug 20 j 00:20	0°♏	
	-11956 Apr 07 j 06:46	0°♏			-11954 Sep 13 j 06:21	0°♐	
	-11956 May 03 j 05:36	0°♎			-11954 Oct 07 j 13:05	0°♑	
	-11956 May 30 j 13:36	0°♏			-11954 Oct 31 j 23:26	0°♏	
evening max el	-11956 Jun 07 j 01:13	7°♏41'37	47°45'17		-11954 Nov 25 j 12:56	0°♎	
desc. node	-11956 Jun 12 j 08:46	12°♏56'36		desc. node	-11954 Nov 28 j 02:12	3°♎06'50	
	-11956 Jul 01 j 22:33	0°♐		morning set	-11954 Dec 05 j 16:11	12°♎21'43	
greatest brilliancy	-11956 Jul 18 j 17:16	9°♐30'47	-4.9m		-11954 Dec 20 j 03:05	0°♏	
retrograde	-11956 Jul 28 j 02:50	11°♐13'01		max. Earth dist.	-11953 Jan 09 j 11:49	24°♏54'51	1.73819 AU
evening set	-11956 Aug 14 j 15:52	5°♐09'18					
min. Earth dist.	-11956 Aug 17 j 04:40	3°♐35'16	0.26955 AU	superior conj	-11953 Jan 12 j 08:08	28°♏24'15	-1°16'43
inferior conj	-11956 Aug 17 j 20:49	3°♐10'02	-8°20'52	minimum elong	-11953 Jan 12 j 03:21	28°♏09'38	1°16'58
minimum elong	-11956 Aug 18 j 02:56	3°♐00'27	8°19'39		-11953 Jan 13 j 15:21	0°♎	
morning rise	-11956 Aug 21 j 14:15	0°♐52'59			-11953 Feb 07 j 00:49	0°♊	
	-11956 Aug 23 j 03:01	30°♏8		evening rise	-11953 Feb 16 j 14:10	11°♊46'55	
direct	-11956 Sep 07 j 02:03	25°♏27'42			-11953 Mar 03 j 08:23	0°♑	
greatest brilliancy	-11956 Sep 16 j 13:56	27°♏12'44	-4.9m	asc. node	-11953 Mar 19 j 03:46	19°♑30'42	
	-11956 Sep 22 j 20:04	0°♐			-11953 Mar 27 j 15:46	0°♐	
asc. node	-11956 Oct 01 j 16:33	5°♐34'35			-11953 Apr 21 j 00:32	0°♏	
morning max el	-11956 Oct 26 j 22:35	27°♐46'29	46°14'51		-11953 May 15 j 12:05	0°♎	
	-11956 Oct 29 j 04:03	0°♑			-11953 Jun 09 j 04:53	0°♏	
	-11956 Nov 26 j 08:52	0°♏			-11953 Jul 04 j 08:26	0°♐	
	-11956 Dec 22 j 23:53	0°♎		desc. node	-11953 Jul 10 j 18:31	7°♐30'43	
	-11955 Jan 17 j 21:53	0°♏			-11953 Jul 30 j 11:34	0°♑	
desc. node	-11955 Jan 23 j 03:37	6°♏08'33		evening max el	-11953 Aug 18 j 07:34	20°♑10'10	47°21'43
	-11955 Feb 12 j 06:54	0°♎			-11953 Aug 28 j 07:15	0°♏	
	-11955 Mar 09 j 03:46	0°♊		greatest brilliancy	-11953 Sep 27 j 19:15	21°♏57'27	-4.9m
	-11955 Apr 02 j 13:54	0°♑		retrograde	-11953 Oct 08 j 08:24	24°♏06'00	
morning set	-11955 Apr 21 j 19:50	23°♑57'12		evening set	-11953 Oct 23 j 07:09	19°♏31'15	
	-11955 Apr 26 j 15:50	0°♐		inferior conj	-11953 Oct 29 j 09:50	15°♏42'07	-0°10'26
asc. node	-11955 May 14 j 03:08	21°♐56'45		minimum elong	-11953 Oct 29 j 10:10	15°♏41'33	0°09'49
	-11955 May 20 j 12:32	0°♏		transit middle	-11953 Oct 29 j 10:10	15°♏41'33	0°09'49
max. Earth dist.	-11955 May 26 j 20:13	7°♏58'19	1.71046 AU	transit begin	-11953 Oct 29 j 06:58	15°♏46'46	
				transit end	-11953 Oct 29 j 13:23	15°♏36'20	
superior conj	-11955 May 28 j 17:23	10°♏20'49	0°33'06	min. Earth dist.	-11953 Oct 28 j 21:16	16°♏02'32	0.28355 AU
minimum elong	-11955 May 28 j 10:42	9°♏59'41	0°32'32	asc. node	-11953 Oct 30 j 03:32	15°♏13'22	
	-11955 Jun 13 j 06:51	0°♎		morning rise	-11953 Nov 04 j 14:00	11°♏52'23	
evening rise	-11955 Jul 07 j 01:23	0°♏00'00		direct	-11953 Nov 19 j 10:24	7°♏27'01	
	-11955 Jul 07 j 01:22	0°♏		greatest brilliancy	-11953 Nov 28 j 11:00	8°♏57'59	-4.8m
	-11955 Jul 30 j 22:27	0°♐			-11953 Dec 30 j 04:22	0°♎	
	-11955 Aug 23 j 23:59	0°♑		morning max el	-11952 Jan 07 j 04:35	7°♎21'31	46°00'02
desc. node	-11955 Sep 04 j 13:52	14°♑19'47			-11952 Jan 29 j 15:24	0°♏	
	-11955 Sep 17 j 07:19	0°♏		desc. node	-11952 Feb 20 j 16:57	24°♏04'37	
	-11955 Oct 11 j 21:51	0°♎			-11952 Feb 25 j 23:10	0°♎	
	-11955 Nov 05 j 23:00	0°♏			-11952 Mar 22 j 20:43	0°♊	
	-11955 Dec 01 j 20:03	0°♎			-11952 Apr 16 j 20:20	0°♑	
asc. node	-11955 Dec 24 j 21:33	25°♎10'35			-11952 May 11 j 04:58	0°♐	
	-11955 Dec 29 j 13:47	0°♊			-11952 Jun 04 j 03:56	0°♏	
evening max el	-11954 Jan 09 j 03:03	10°♊24'13	44°50'10	asc. node	-11952 Jun 10 j 16:49	8°♏14'36	
	-11954 Feb 01 j 20:34	0°♑		greatest brilliancy	-11952 Jun 11 j 23:50	9°♏52'29	-3.9m
greatest brilliancy	-11954 Feb 15 j 21:50	7°♑16'08	-4.7m		-11952 Jun 27 j 21:46	0°♎	
retrograde	-11954 Feb 26 j 00:17	9°♑03'37		morning set	-11952 Jul 02 j 07:13	5°♎33'54	
evening set	-11954 Mar 14 j 10:03	4°♑07'35			-11952 Jul 21 j 14:21	0°♏	
inferior conj	-11954 Mar 19 j 06:21	1°♑16'36	6°03'55				
minimum elong	-11954 Mar 19 j 15:38	1°♑02'33	6°01'27	superior conj	-11952 Aug 12 j 17:20	27°♏55'24	1°21'33
min. Earth dist.	-11954 Mar 20 j 14:41	0°♑27'38	0.28292 AU	minimum elong	-11952 Aug 12 j 21:45	28°♏09'18	1°22'05
	-11954 Mar 21 j 09:02	30°♏♊			-11952 Aug 14 j 08:57	0°♐	
morning rise	-11954 Mar 24 j 20:26	27°♊58'58		max. Earth dist.	-11952 Aug 19 j 16:35	6°♐40'55	1.71152 AU
direct	-11954 Apr 09 j 23:47	23°♊07'59			-11952 Sep 07 j 07:47	0°♑	
desc. node	-11954 Apr 17 j 14:21	24°♊11'53		evening rise	-11952 Sep 25 j 06:08	22°♑17'22	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11952 Oct 01 j 11:37	0°♌					-11949 Apr 03 j 04:46	0°♊	
desc. node	-11952 Oct 02 j 01:54	0°♌44'10					-11949 Apr 30 j 07:02	0°♊	
	-11952 Oct 25 j 19:55	0°♍					-11949 May 25 j 16:07	0°♋	
	-11952 Nov 19 j 08:17	0°♎					-11949 Jun 19 j 03:42	0°♌	
	-11952 Dec 14 j 01:59	0°♏				asc. node	-11949 Jul 09 j 06:44	25°♍07'31	
	-11951 Jan 08 j 05:16	0°♊					-11949 Jul 13 j 03:54	0°♍	
asc. node	-11951 Jan 21 j 07:43	15°♊20'06					-11949 Aug 05 j 23:34	0°♎	
	-11951 Feb 03 j 01:56	0°♋					-11949 Aug 29 j 19:45	0°♏	
	-11951 Mar 02 j 06:46	0°♌				morning set	-11949 Sep 19 j 07:02	25°♏36'31	
evening max el	-11951 Mar 22 j 21:51	20°♌55'46	46°00'14				-11949 Sep 22 j 19:39	0°♐	
	-11951 Apr 01 j 18:31	0°♍					-11949 Oct 17 j 00:24	0°♑	
greatest brilliancy	-11951 May 01 j 17:49	19°♍44'22	-4.8m			desc. node	-11949 Oct 30 j 14:44	16°♑45'46	
retrograde	-11951 May 11 j 11:34	21°♍27'44							
desc. node	-11951 May 15 j 00:59	21°♍12'51				superior conj	-11949 Oct 31 j 06:27	17°♑34'08	-0°01'29
evening set	-11951 May 26 j 02:42	17°♍25'04				minimum elong	-11949 Oct 31 j 06:11	17°♑33'20	0°00'59
inferior conj	-11951 Jun 01 j 06:45	13°♍56'22	-4°05'45			behind sun begin	-11949 Oct 30 j 04:25	16°♑14'01	
minimum elong	-11951 May 31 j 22:17	14°♍08'49	4°03'40			behind sun end	-11949 Nov 01 j 07:57	18°♑52'38	
min. Earth dist.	-11951 Jun 01 j 03:16	14°♍01'29	0.26443 AU			max. Earth dist.	-11949 Nov 03 j 13:31	21°♑37'22	1.73097 AU
morning rise	-11951 Jun 06 j 17:29	10°♍49'38					-11949 Nov 10 j 09:04	0°♒	
direct	-11951 Jun 21 j 18:12	6°♍27'23					-11949 Dec 04 j 19:44	0°♓	
greatest brilliancy	-11951 Jul 02 j 17:10	8°♍41'28	-4.9m			evening rise	-11949 Dec 09 j 14:32	5°♓51'58	
	-11951 Aug 01 j 12:12	0°♎					-11949 Dec 29 j 07:11	0°♏	
morning max el	-11951 Aug 11 j 08:44	9°♎40'52	46°38'12				-11948 Jan 22 j 20:01	0°♊	
	-11951 Aug 30 j 06:28	0°♏					-11948 Feb 16 j 12:30	0°♋	
asc. node	-11951 Sep 03 j 07:09	4°♏31'32				asc. node	-11948 Feb 18 j 18:36	2°♋43'28	
	-11951 Sep 25 j 07:55	0°♐					-11948 Mar 12 j 11:34	0°♌	
	-11951 Oct 20 j 14:42	0°♑					-11948 Apr 06 j 20:29	0°♍	
	-11951 Nov 14 j 16:48	0°♒					-11948 May 02 j 21:38	0°♎	
	-11951 Dec 09 j 17:50	0°♓					-11948 May 30 j 10:50	0°♏	
desc. node	-11951 Dec 25 j 16:00	19°♓07'36				evening max el	-11948 Jun 04 j 16:35	5°♏20'49	47°43'06
	-11950 Jan 03 j 16:39	0°♓				desc. node	-11948 Jun 11 j 10:55	11°♏58'55	
	-11950 Jan 28 j 10:44	0°♏					-11948 Jul 02 j 22:37	0°♐	
morning set	-11950 Feb 12 j 05:01	18°♏02'20				greatest brilliancy	-11948 Jul 16 j 06:28	7°♐02'22	-4.9m
	-11950 Feb 21 j 22:37	0°♊				retrograde	-11948 Jul 25 j 16:26	8°♐44'19	
max. Earth dist.	-11950 Mar 14 j 17:17	25°♊41'01	1.72801 AU			evening set	-11948 Aug 12 j 07:02	2°♐38'49	
	-11950 Mar 18 j 04:43	0°♋				min. Earth dist.	-11948 Aug 14 j 17:19	1°♐08'38	0.26916 AU
						inferior conj	-11948 Aug 15 j 10:01	0°♐42'33	-8°27'47
superior conj	-11950 Mar 19 j 04:52	1°♋15'01	-0°57'08			minimum elong	-11948 Aug 15 j 15:26	0°♐34'05	8°26'45
minimum elong	-11950 Mar 19 j 12:33	1°♋38'54	0°57'34				-11948 Aug 16 j 13:19	30°♒♏	
	-11950 Apr 11 j 06:44	0°♌				morning rise	-11948 Aug 19 j 00:06	28°♒30'37	
asc. node	-11950 Apr 15 j 16:14	5°♌29'30				direct	-11948 Sep 04 j 15:27	23°♒01'38	
evening rise	-11950 Apr 23 j 18:02	15°♌35'12				greatest brilliancy	-11948 Sep 14 j 02:54	24°♒46'18	-4.9m
	-11950 May 05 j 06:35	0°♍					-11948 Sep 24 j 13:33	0°♐	
	-11950 May 29 j 06:05	0°♎				asc. node	-11948 Sep 30 j 18:48	4°♐17'10	
	-11950 Jun 22 j 07:07	0°♏				morning max el	-11948 Oct 24 j 12:34	25°♐25'03	46°15'39
	-11950 Jul 16 j 12:01	0°♐					-11948 Oct 29 j 01:44	0°♑	
desc. node	-11950 Aug 07 j 05:00	26°♐36'55					-11948 Nov 26 j 00:44	0°♒	
	-11950 Aug 09 j 23:48	0°♑					-11948 Dec 22 j 13:25	0°♓	
	-11950 Sep 03 j 23:04	0°♒					-11947 Jan 17 j 10:12	0°♓	
	-11950 Sep 29 j 19:52	0°♓				desc. node	-11947 Jan 22 j 05:53	5°♓39'32	
	-11950 Oct 27 j 21:03	0°♓					-11947 Feb 11 j 18:31	0°♏	
evening max el	-11950 Oct 27 j 19:07	29°♓55'11	45°35'37				-11947 Mar 08 j 14:58	0°♊	
asc. node	-11950 Nov 26 j 13:57	24°♓37'42					-11947 Apr 02 j 00:52	0°♋	
greatest brilliancy	-11950 Dec 04 j 10:02	28°♓32'59	-4.7m			morning set	-11947 Apr 19 j 14:14	21°♓50'36	
	-11950 Dec 08 j 20:02	0°♏					-11947 Apr 26 j 02:44	0°♌	
retrograde	-11950 Dec 15 j 19:12	0°♏55'20				asc. node	-11947 May 13 j 05:17	21°♌29'06	
	-11950 Dec 22 j 12:41	30°♒♓					-11947 May 19 j 23:29	0°♍	
evening set	-11949 Jan 01 j 11:20	25°♓30'38				max. Earth dist.	-11947 May 24 j 04:10	5°♍17'26	1.71093 AU
inferior conj	-11949 Jan 06 j 04:27	22°♓34'53	7°18'58						
minimum elong	-11949 Jan 05 j 21:30	22°♓45'56	7°17'55			superior conj	-11947 May 26 j 08:42	8°♍03'07	0°29'57
min. Earth dist.	-11949 Jan 06 j 07:47	22°♓29'33	0.29577 AU			minimum elong	-11947 May 26 j 02:36	7°♍43'52	0°29'24
morning rise	-11949 Jan 10 j 07:42	19°♓59'29					-11947 Jun 12 j 17:54	0°♎	
direct	-11949 Jan 28 j 03:08	14°♓01'08				evening rise	-11947 Jul 04 j 12:14	27°♎27'44	
greatest brilliancy	-11949 Feb 06 j 21:10	15°♓43'42	-4.7m				-11947 Jul 06 j 12:34	0°♏	
	-11949 Mar 02 j 13:10	0°♏					-11947 Jul 30 j 09:47	0°♐	
morning max el	-11949 Mar 18 j 07:20	13°♏58'41	46°10'58				-11947 Aug 23 j 11:30	0°♑	
desc. node	-11949 Mar 20 j 05:12	15°♏49'07				desc. node	-11947 Sep 03 j 16:07	13°♑50'51	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11947 Sep 16 j 19:05	0°♌			-11944 Apr 16 j 08:11	0°♊	
	-11947 Oct 11 j 10:01	0°♍			-11944 May 10 j 16:29	0°♎	
	-11947 Nov 05 j 11:57	0°♋			-11944 Jun 03 j 15:18	0°♈	
	-11947 Dec 01 j 10:43	0°♌		asc. node	-11944 Jun 09 j 19:00	7°♈45'39	
asc. node	-11947 Dec 23 j 23:52	24°♌29'25		greatest brilliancy	-11944 Jun 11 j 13:01	9°♈58'17	-3.9m
	-11947 Dec 29 j 09:13	0°♌			-11944 Jun 27 j 09:04	0°♍	
evening max el	-11946 Jan 06 j 17:01	8°♌09'22	44°49'41	morning set	-11944 Jun 29 j 18:58	3°♍03'20	
	-11946 Feb 02 j 22:31	0°♊			-11944 Jul 21 j 01:37	0°♋	
greatest brilliancy	-11946 Feb 13 j 12:08	5°♊04'16	-4.7m				
retrograde	-11946 Feb 23 j 14:26	6°♊52'09		superior conj	-11944 Aug 10 j 02:05	25°♊16'22	1°22'13
evening set	-11946 Mar 12 j 03:26	1°♊51'46		minimum elong	-11944 Aug 10 j 05:25	25°♊26'51	1°22'45
	-11946 Mar 15 j 08:18	30°♋♌			-11944 Aug 13 j 20:13	0°♈	
inferior conj	-11946 Mar 16 j 21:23	29°♌03'58	6°16'45	max. Earth dist.	-11944 Aug 16 j 18:43	3°♈41'33	1.71097 AU
minimum elong	-11946 Mar 17 j 06:32	28°♌50'03	6°14'23		-11944 Sep 06 j 19:04	0°♎	
min. Earth dist.	-11946 Mar 18 j 06:09	28°♌14'15	0.28370 AU	evening rise	-11944 Sep 22 j 14:42	19°♎40'13	
morning rise	-11946 Mar 22 j 08:49	25°♌49'28			-11944 Sep 30 j 22:54	0°♌	
direct	-11946 Apr 07 j 14:58	20°♌53'37		desc. node	-11944 Oct 01 j 04:02	0°♌15'52	
desc. node	-11946 Apr 16 j 16:31	22°♌23'02			-11944 Oct 25 j 07:16	0°♍	
greatest brilliancy	-11946 Apr 19 j 07:19	23°♌19'12	-4.8m		-11944 Nov 18 j 19:49	0°♋	
	-11946 May 01 j 11:03	0°♊			-11944 Dec 13 j 13:57	0°♌	
morning max el	-11946 May 27 j 18:21	22°♊42'31	46°34'40		-11943 Jan 07 j 18:05	0°♌	
	-11946 Jun 03 j 21:14	0°♎		asc. node	-11943 Jan 20 j 10:08	14°♌48'01	
	-11946 Jun 30 j 21:08	0°♈			-11943 Feb 02 j 16:27	0°♊	
	-11946 Jul 26 j 01:51	0°♍			-11943 Mar 02 j 01:06	0°♎	
asc. node	-11946 Aug 05 j 20:30	13°♍09'08		evening max el	-11943 Mar 20 j 11:22	18°♎35'06	45°56'33
	-11946 Aug 19 j 12:59	0°♋			-11943 Apr 02 j 01:53	0°♈	
	-11946 Sep 12 j 18:25	0°♈		greatest brilliancy	-11943 Apr 29 j 04:11	17°♈14'59	-4.8m
	-11946 Oct 07 j 00:47	0°♎		retrograde	-11943 May 08 j 23:37	18°♈59'20	
	-11946 Oct 31 j 10:51	0°♌		desc. node	-11943 May 14 j 03:11	18°♈28'05	
	-11946 Nov 25 j 00:07	0°♍		evening set	-11943 May 23 j 12:33	14°♈58'54	
desc. node	-11946 Nov 27 j 04:17	2°♍39'09		inferior conj	-11943 May 29 j 18:21	11°♈28'00	-3°44'06
morning set	-11946 Dec 03 j 07:09	10°♍07'12		minimum elong	-11943 May 29 j 10:28	11°♈39'36	3°42'08
	-11946 Dec 19 j 14:04	0°♋		min. Earth dist.	-11943 May 29 j 16:03	11°♈31'23	0.26469 AU
max. Earth dist.	-11945 Jan 07 j 07:44	22°♋55'33	1.73826 AU	morning rise	-11943 Jun 04 j 08:03	8°♈17'47	
				direct	-11943 Jun 19 j 07:15	3°♈58'24	
superior conj	-11945 Jan 10 j 02:43	26°♋20'48	-1°15'47	greatest brilliancy	-11943 Jun 30 j 06:54	6°♈13'38	-4.9m
minimum elong	-11945 Jan 09 j 21:27	26°♋04'40	1°15'59		-11943 Aug 01 j 15:42	0°♍	
	-11945 Jan 13 j 02:13	0°♌		morning max el	-11943 Aug 08 j 22:34	7°♍14'25	46°38'43
	-11945 Feb 06 j 11:42	0°♌			-11943 Aug 30 j 00:21	0°♋	
evening rise	-11945 Feb 14 j 10:09	9°♌46'51		asc. node	-11943 Sep 02 j 09:16	3°♋48'40	
	-11945 Mar 02 j 19:26	0°♊			-11943 Sep 24 j 22:43	0°♈	
asc. node	-11945 Mar 18 j 06:03	19°♊03'04			-11943 Oct 20 j 04:00	0°♎	
	-11945 Mar 27 j 03:09	0°♎			-11943 Nov 14 j 05:12	0°♌	
	-11945 Apr 20 j 12:22	0°♈			-11943 Dec 09 j 05:38	0°♍	
	-11945 May 15 j 00:30	0°♍		desc. node	-11943 Dec 24 j 18:16	18°♍39'38	
	-11945 Jun 08 j 18:07	0°♋			-11942 Jan 03 j 04:04	0°♋	
	-11945 Jul 03 j 23:03	0°♈			-11942 Jan 27 j 21:54	0°♌	
desc. node	-11945 Jul 09 j 20:56	6°♈53'53		morning set	-11942 Feb 10 j 00:11	16°♌00'03	
	-11945 Jul 30 j 05:01	0°♎			-11942 Feb 21 j 09:39	0°♌	
evening max el	-11945 Aug 15 j 22:16	17°♎49'52	47°24'44	max. Earth dist.	-11942 Mar 12 j 13:14	23°♌39'53	1.72853 AU
	-11945 Aug 28 j 10:00	0°♌					
greatest brilliancy	-11945 Sep 25 j 13:35	19°♌44'26	-4.9m	superior conj	-11942 Mar 17 j 00:28	29°♌12'33	-0°59'10
retrograde	-11945 Oct 06 j 00:52	21°♌51'51		minimum elong	-11942 Mar 17 j 08:06	29°♌36'17	0°59'36
evening set	-11945 Oct 21 j 00:37	17°♌15'42			-11942 Mar 17 j 15:45	0°♊	
min. Earth dist.	-11945 Oct 26 j 14:10	13°♌48'09	0.28302 AU		-11942 Apr 10 j 17:50	0°♎	
inferior conj	-11945 Oct 27 j 02:25	13°♌28'15	-0°30'17	asc. node	-11942 Apr 14 j 18:22	5°♎01'20	
minimum elong	-11945 Oct 27 j 03:27	13°♌26'36	0°29'28	evening rise	-11942 Apr 21 j 12:02	13°♎26'24	
asc. node	-11945 Oct 29 j 05:46	12°♌05'25			-11942 May 04 j 17:53	0°♈	
morning rise	-11945 Nov 02 j 07:00	9°♌38'02			-11942 May 28 j 17:40	0°♍	
direct	-11945 Nov 17 j 01:35	5°♌13'53			-11942 Jun 21 j 19:03	0°♋	
greatest brilliancy	-11945 Nov 26 j 03:39	6°♌46'05	-4.8m		-11942 Jul 16 j 00:22	0°♈	
	-11945 Dec 30 j 06:29	0°♍		desc. node	-11942 Aug 06 j 07:17	26°♈04'51	
morning max el	-11944 Jan 04 j 20:31	5°♍11'16	46°00'12		-11942 Aug 09 j 12:41	0°♎	
	-11944 Jan 29 j 08:11	0°♋			-11942 Sep 03 j 12:54	0°♌	
desc. node	-11944 Feb 19 j 19:08	23°♋30'44			-11942 Sep 29 j 11:43	0°♍	
	-11944 Feb 25 j 13:01	0°♌		evening max el	-11942 Oct 25 j 11:59	27°♍44'35	45°38'53
	-11944 Mar 22 j 09:14	0°♌			-11942 Oct 27 j 19:01	0°♋	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-11942 Nov 25 j 16:12	23° Ω 18'33				-11939 Apr 25 j 13:59	0° \approx	
greatest brilliancy	-11942 Dec 02 j 03:28	26° Ω 26'39	-4.7m	asc. node		-11939 May 12 j 07:31	21° \approx 00'35	
retrograde	-11942 Dec 13 j 12:58	28° Ω 49'11				-11939 May 19 j 10:47	0° \mathcal{H}	
evening set	-11942 Dec 30 j 02:35	23° Ω 27'49		max. Earth dist.		-11939 May 21 j 13:54	2° \mathcal{H} 41'06	1.71143 AU
inferior conj	-11941 Jan 03 j 21:58	20° Ω 28'08	7°11'03					
minimum elong	-11941 Jan 03 j 14:40	20° Ω 39'48	7°09'54	superior conj		-11939 May 23 j 23:53	5° \mathcal{H} 43'55	0°26'45
min. Earth dist.	-11941 Jan 03 j 23:51	20° Ω 25'08	0.29567 AU	minimum elong		-11939 May 23 j 18:25	5° \mathcal{H} 26'40	0°26'12
morning rise	-11941 Jan 08 j 02:50	17° Ω 50'01				-11939 Jun 12 j 05:19	0° Υ	
direct	-11941 Jan 25 j 20:51	11° Ω 54'38		evening rise		-11939 Jul 01 j 23:04	24° Υ 54'25	
greatest brilliancy	-11941 Feb 04 j 12:06	13° Ω 35'06	-4.7m			-11939 Jul 06 j 00:06	0° \mathcal{B}	
	-11941 Mar 02 j 20:15	0° \mathcal{M}				-11939 Jul 29 j 21:27	0° Π	
morning max el	-11941 Mar 15 j 23:44	11° \mathcal{M} 49'28	46°10'06			-11939 Aug 22 j 23:19	0° \mathcal{G}	
desc. node	-11941 Mar 19 j 07:19	15° \mathcal{M} 01'54		desc. node		-11939 Sep 02 j 18:13	13° \mathcal{G} 20'34	
	-11941 Apr 02 j 22:37	0° \mathcal{J}				-11939 Sep 16 j 07:10	0° Ω	
	-11941 Apr 29 j 21:32	0° \mathcal{Z}				-11939 Oct 10 j 22:31	0° \mathcal{M}	
	-11941 May 25 j 05:11	0° \approx				-11939 Nov 05 j 01:17	0° Ω	
	-11941 Jun 18 j 16:02	0° \mathcal{H}				-11939 Dec 01 j 01:53	0° \mathcal{M}	
asc. node	-11941 Jul 08 j 09:03	24° \mathcal{H} 37'03		asc. node		-11939 Dec 23 j 02:20	23° \mathcal{M} 47'17	
	-11941 Jul 12 j 15:52	0° Υ				-11939 Dec 29 j 05:34	0° \mathcal{J}	
	-11941 Aug 05 j 11:20	0° \mathcal{B}		evening max el		-11938 Jan 04 j 06:47	5° \mathcal{J} 53'17	44°49'27
	-11941 Aug 29 j 07:21	0° Π				-11938 Feb 04 j 11:50	0° \mathcal{Z}	
morning set	-11941 Sep 16 j 16:41	23° Π 01'07		greatest brilliancy		-11938 Feb 11 j 01:53	2° \mathcal{Z} 51'20	-4.7m
	-11941 Sep 22 j 07:08	0° \mathcal{G}		retrograde		-11938 Feb 21 j 05:07	4° \mathcal{Z} 40'30	
	-11941 Oct 16 j 11:46	0° Ω				-11938 Mar 09 j 03:06	30° \mathcal{R} \mathcal{J}	
				evening set		-11938 Mar 09 j 20:49	29° \mathcal{J} 35'33	
superior conj	-11941 Oct 28 j 18:13	15° Ω 07'47	0°02'09	inferior conj		-11938 Mar 14 j 12:28	26° \mathcal{J} 50'56	6°28'46
minimum elong	-11941 Oct 28 j 18:53	15° Ω 09'49	0°02'38	minimum elong		-11938 Mar 14 j 21:28	26° \mathcal{J} 37'17	6°26'33
behind sun begin	-11941 Oct 27 j 17:10	13° Ω 50'36		min. Earth dist.		-11938 Mar 15 j 21:24	26° \mathcal{J} 00'56	0.28452 AU
behind sun end	-11941 Oct 29 j 20:36	16° Ω 29'01		morning rise		-11938 Mar 19 j 21:18	23° \mathcal{J} 39'53	
desc. node	-11941 Oct 29 j 16:52	16° Ω 17'32		direct		-11938 Apr 05 j 06:16	18° \mathcal{J} 38'49	
max. Earth dist.	-11941 Nov 01 j 10:00	19° Ω 37'59	1.73039 AU	desc. node		-11938 Apr 15 j 18:45	20° \mathcal{J} 37'42	
	-11941 Nov 09 j 20:19	0° \mathcal{M}		greatest brilliancy		-11938 Apr 16 j 23:06	21° \mathcal{J} 04'32	-4.8m
	-11941 Dec 04 j 06:56	0° Ω				-11938 May 02 j 07:21	0° \mathcal{Z}	
evening rise	-11941 Dec 07 j 07:20	3° Ω 41'57		morning max el		-11938 May 25 j 09:13	20° \mathcal{Z} 22'54	46°34'00
	-11941 Dec 28 j 18:27	0° \mathcal{M}				-11938 Jun 03 j 17:24	0° \approx	
	-11940 Jan 22 j 07:32	0° \mathcal{J}				-11938 Jun 30 j 12:49	0° \mathcal{H}	
	-11940 Feb 16 j 00:31	0° \mathcal{Z}				-11938 Jul 25 j 15:43	0° Υ	
asc. node	-11940 Feb 17 j 20:48	2° \mathcal{Z} 13'38		asc. node		-11938 Aug 04 j 22:37	12° Υ 34'34	
	-11940 Mar 12 j 00:26	0° \approx				-11938 Aug 19 j 01:53	0° \mathcal{B}	
	-11940 Apr 06 j 10:44	0° \mathcal{H}				-11938 Sep 12 j 06:44	0° Π	
	-11940 May 02 j 14:19	0° Υ				-11938 Oct 06 j 12:43	0° \mathcal{G}	
	-11940 May 30 j 09:14	0° \mathcal{B}				-11938 Oct 30 j 22:29	0° Ω	
evening max el	-11940 Jun 02 j 06:57	2° \mathcal{B} 56'28	47°40'55			-11938 Nov 24 j 11:31	0° \mathcal{M}	
desc. node	-11940 Jun 10 j 13:18	10° \mathcal{B} 59'33		desc. node		-11938 Nov 26 j 06:30	2° \mathcal{M} 11'11	
	-11940 Jul 04 j 08:30	0° Π		morning set		-11938 Nov 30 j 21:50	7° \mathcal{M} 50'58	
greatest brilliancy	-11940 Jul 13 j 20:04	4° Π 33'30	-4.9m			-11938 Dec 19 j 01:16	0° Ω	
retrograde	-11940 Jul 23 j 05:24	6° Π 14'34		max. Earth dist.		-11937 Jan 05 j 03:51	20° Ω 56'02	1.73831 AU
evening set	-11940 Aug 09 j 21:52	0° Π 07'54						
	-11940 Aug 10 j 03:03	30° \mathcal{R} \mathcal{B}		superior conj		-11937 Jan 07 j 21:11	24° Ω 16'16	-1°14'44
inferior conj	-11940 Aug 12 j 23:11	28° \mathcal{B} 14'13	-8°33'51	minimum elong		-11937 Jan 07 j 15:26	23° Ω 58'37	1°14'53
minimum elong	-11940 Aug 13 j 03:51	28° \mathcal{B} 06'55	8°32'56			-11937 Jan 12 j 13:19	0° \mathcal{M}	
min. Earth dist.	-11940 Aug 12 j 06:14	28° \mathcal{B} 40'43	0.26877 AU			-11937 Feb 05 j 22:48	0° \mathcal{J}	
morning rise	-11940 Aug 16 j 10:04	26° \mathcal{B} 07'02		evening rise		-11937 Feb 12 j 06:11	7° \mathcal{J} 46'21	
direct	-11940 Sep 02 j 04:25	20° \mathcal{B} 34'34		greatest brilliancy		-11937 Feb 12 j 06:32	7° \mathcal{J} 47'24	-3.9m
greatest brilliancy	-11940 Sep 11 j 16:23	22° \mathcal{B} 19'23	-4.9m			-11937 Mar 02 j 06:41	0° \mathcal{Z}	
	-11940 Sep 25 j 18:45	0° Π		asc. node		-11937 Mar 17 j 08:15	18° \mathcal{Z} 34'39	
asc. node	-11940 Sep 29 j 21:03	3° Π 01'11				-11937 Mar 26 j 14:43	0° \approx	
morning max el	-11940 Oct 22 j 01:33	22° Π 59'55	46°16'25			-11937 Apr 20 j 00:23	0° \mathcal{H}	
	-11940 Oct 28 j 23:02	0° \mathcal{G}				-11937 May 14 j 13:10	0° Υ	
	-11940 Nov 25 j 16:43	0° Ω				-11937 Jun 08 j 07:42	0° \mathcal{B}	
	-11940 Dec 22 j 03:10	0° \mathcal{M}				-11937 Jul 03 j 14:08	0° Π	
	-11939 Jan 16 j 22:47	0° Ω		desc. node		-11937 Jul 08 j 23:09	6° Π 15'14	
desc. node	-11939 Jan 21 j 08:02	5° Ω 09'21				-11937 Jul 29 j 23:13	0° \mathcal{G}	
	-11939 Feb 11 j 06:23	0° \mathcal{M}		evening max el		-11937 Aug 13 j 13:31	15° \mathcal{G} 29'59	47°27'47
	-11939 Mar 08 j 02:26	0° \mathcal{J}				-11937 Aug 28 j 14:52	0° Ω	
	-11939 Apr 01 j 12:09	0° \mathcal{Z}		greatest brilliancy		-11937 Sep 23 j 07:13	17° Ω 29'17	-4.9m
morning set	-11939 Apr 17 j 08:30	19° \mathcal{Z} 42'38		retrograde		-11937 Oct 03 j 17:40	19° Ω 36'15	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

evening set	-11937 Oct 18 j 18:01	14°Ω58'22			-11934 Mar 17 j 02:44	0°☾	
inferior conj	-11937 Oct 24 j 18:46	11°Ω12'49	-0°50'19		-11934 Apr 10 j 04:55	0°♊	
minimum elong	-11937 Oct 24 j 20:28	11°Ω10'03	0°49'17	asc. node	-11934 Apr 13 j 20:39	4°♊33'47	
min. Earth dist.	-11937 Oct 24 j 06:30	11°Ω32'41	0.28247 AU	evening rise	-11934 Apr 19 j 06:14	11°♊18'27	
asc. node	-11937 Oct 28 j 08:04	8°Ω56'50			-11934 May 04 j 05:08	0°♋	
morning rise	-11937 Oct 30 j 23:39	7°Ω22'35			-11934 May 28 j 05:11	0°♌	
direct	-11937 Nov 14 j 16:48	2°Ω59'16			-11934 Jun 21 j 06:53	0°♍	
greatest brilliancy	-11937 Nov 23 j 19:35	4°Ω32'25	-4.8m		-11934 Jul 15 j 12:34	0°♎	
	-11937 Dec 30 j 07:33	0°♏		desc. node	-11934 Aug 05 j 09:24	25°♎32'47	
morning max el	-11936 Jan 02 j 13:05	3°♏01'55	46°00'22		-11934 Aug 09 j 01:28	0°♏	
	-11936 Jan 29 j 00:50	0°♐			-11934 Sep 03 j 02:42	0°♑	
desc. node	-11936 Feb 18 j 21:10	22°♐56'11			-11934 Sep 29 j 03:43	0°♒	
	-11936 Feb 25 j 02:53	0°♑		evening max el	-11934 Oct 23 j 04:18	25°♒32'32	45°42'07
	-11936 Mar 21 j 21:48	0°♒			-11934 Oct 27 j 17:49	0°♓	
	-11936 Apr 15 j 20:06	0°♓		asc. node	-11934 Nov 24 j 18:38	21°♓57'07	
	-11936 May 10 j 04:03	0°♊		greatest brilliancy	-11934 Nov 29 j 21:40	24°♓21'05	-4.7m
	-11936 Jun 03 j 02:43	0°♋		retrograde	-11934 Dec 11 j 06:24	26°♓43'04	
asc. node	-11936 Jun 08 j 21:17	7°♋16'55		evening set	-11934 Dec 27 j 17:50	21°♓25'12	
greatest brilliancy	-11936 Jun 10 j 22:38	9°♋52'42	-3.9m	inferior conj	-11933 Jan 01 j 15:31	18°♓21'38	7°02'33
	-11936 Jun 26 j 20:26	0°♌		minimum elong	-11933 Jan 01 j 07:54	18°♓33'49	7°01'18
morning set	-11936 Jun 27 j 06:59	0°♌33'22		min. Earth dist.	-11933 Jan 01 j 16:17	18°♓20'25	0.29552 AU
	-11936 Jul 20 j 13:00	0°♍		morning rise	-11933 Jan 05 j 22:04	15°♓40'33	
				direct	-11933 Jan 23 j 14:07	9°♓48'29	
superior conj	-11936 Aug 07 j 10:38	22°♌36'08	1°22'42	greatest brilliancy	-11933 Feb 02 j 03:24	11°♓27'08	-4.7m
minimum elong	-11936 Aug 07 j 12:50	22°♌43'05	1°23'13		-11933 Mar 03 j 01:04	0°♑	
	-11936 Aug 13 j 07:39	0°♒		morning max el	-11933 Mar 13 j 15:13	9°♑38'34	46°09'15
max. Earth dist.	-11936 Aug 13 j 22:20	0°♒46'10	1.71050 AU	desc. node	-11933 Mar 18 j 09:36	14°♑16'17	
	-11936 Sep 06 j 06:31	0°♓			-11933 Apr 02 j 15:53	0°♒	
evening rise	-11936 Sep 19 j 22:35	17°♓00'24			-11933 Apr 29 j 11:41	0°♓	
desc. node	-11936 Sep 30 j 06:15	29°♓47'19			-11933 May 24 j 17:59	0°♊	
	-11936 Sep 30 j 10:21	0°♑			-11933 Jun 18 j 04:09	0°♋	
	-11936 Oct 24 j 18:45	0°♌		asc. node	-11933 Jul 07 j 11:07	24°♋06'31	
	-11936 Nov 18 j 07:28	0°♐			-11933 Jul 12 j 03:36	0°♌	
	-11936 Dec 13 j 02:02	0°♑			-11933 Aug 04 j 22:50	0°♍	
	-11935 Jan 07 j 07:04	0°♒			-11933 Aug 28 j 18:42	0°♎	
asc. node	-11935 Jan 19 j 12:19	14°♒14'49		morning set	-11933 Sep 14 j 02:36	20°♎27'11	
	-11935 Feb 02 j 07:14	0°♓			-11933 Sep 21 j 18:21	0°♏	
	-11935 Mar 01 j 19:57	0°♊			-11933 Oct 15 j 22:52	0°♑	
evening max el	-11935 Mar 18 j 01:36	16°♊16'17	45°52'56				
	-11935 Apr 02 j 11:47	0°♋		superior conj	-11933 Oct 26 j 05:53	12°♑41'47	0°05'46
greatest brilliancy	-11935 Apr 26 j 14:54	14°♋46'38	-4.8m	minimum elong	-11933 Oct 26 j 07:29	12°♑46'40	0°06'13
retrograde	-11935 May 06 j 11:42	16°♋31'26		behind sun begin	-11933 Oct 25 j 07:09	11°♑31'43	
desc. node	-11935 May 13 j 05:31	15°♋37'58		behind sun end	-11933 Oct 27 j 07:48	14°♑01'35	
evening set	-11935 May 20 j 22:49	12°♋33'19		desc. node	-11933 Oct 28 j 19:07	15°♑50'19	
inferior conj	-11935 May 27 j 06:03	9°♋00'21	-3°22'09	max. Earth dist.	-11933 Oct 30 j 06:04	17°♑37'55	1.72982 AU
minimum elong	-11935 May 26 j 22:48	9°♋11'00	3°20'20		-11933 Nov 09 j 07:22	0°♒	
min. Earth dist.	-11935 May 27 j 04:55	9°♋02'01	0.26494 AU		-11933 Dec 03 j 17:57	0°♓	
morning rise	-11935 Jun 01 j 22:31	5°♋46'41		evening rise	-11933 Dec 04 j 23:43	1°♓31'15	
direct	-11935 Jun 16 j 20:29	1°♋30'23			-11933 Dec 28 j 05:32	0°♑	
greatest brilliancy	-11935 Jun 27 j 20:09	3°♋45'50	-4.9m		-11932 Jan 21 j 18:51	0°♒	
	-11935 Aug 01 j 17:35	0°♌			-11932 Feb 15 j 12:20	0°♓	
morning max el	-11935 Aug 06 j 11:54	4°♌46'56	46°38'59	asc. node	-11932 Feb 16 j 23:03	1°♓44'41	
	-11935 Aug 29 j 17:49	0°♍			-11932 Mar 11 j 13:07	0°♊	
asc. node	-11935 Sep 01 j 11:30	3°♍06'38			-11932 Apr 06 j 00:53	0°♋	
	-11935 Sep 24 j 13:22	0°♎			-11932 May 02 j 07:04	0°♌	
	-11935 Oct 19 j 17:16	0°♏			-11932 May 30 j 08:15	0°♍	
	-11935 Nov 13 j 17:35	0°♑		evening max el	-11932 May 30 j 20:18	0°♍30'15	47°38'32
	-11935 Dec 08 j 17:26	0°♒		desc. node	-11932 Jun 09 j 15:33	9°♍59'06	
desc. node	-11935 Dec 23 j 20:24	18°♒11'21			-11932 Jul 06 j 10:08	0°♎	
	-11934 Jan 02 j 15:26	0°♓		greatest brilliancy	-11932 Jul 11 j 10:02	2°♎05'40	-4.9m
	-11934 Jan 27 j 09:00	0°♑		retrograde	-11932 Jul 20 j 18:01	3°♎45'38	
morning set	-11934 Feb 07 j 19:11	13°♑57'30			-11932 Aug 03 j 09:06	30°♎8	
	-11934 Feb 20 j 20:38	0°♒		evening set	-11932 Aug 07 j 12:16	27°♎38'20	
max. Earth dist.	-11934 Mar 10 j 07:45	21°♒34'33	1.72906 AU	min. Earth dist.	-11932 Aug 09 j 19:21	26°♎13'16	0.26836 AU
				inferior conj	-11932 Aug 10 j 12:19	25°♎46'48	-8°38'54
superior conj	-11934 Mar 14 j 20:07	27°♒10'30	-1°01'06	minimum elong	-11932 Aug 10 j 16:11	25°♎40'46	8°38'07
minimum elong	-11934 Mar 15 j 03:41	27°♒34'00	1°01'34	morning rise	-11932 Aug 13 j 20:17	23°♎44'03	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

direct	-11932 Aug 30 j 16:49	18°♄08'17		greatest brilliancy	-11929 Feb 11 j 01:02	6°♄57'09	-3.9m
greatest brilliancy	-11932 Sep 09 j 06:12	19°♄53'53	-4.9m		-11929 Mar 01 j 17:40	0°♄	
	-11932 Sep 26 j 15:27	0°♄		asc. node	-11929 Mar 16 j 10:33	18°♄07'26	
asc. node	-11932 Sep 28 j 23:20	1°♄48'41			-11929 Mar 26 j 02:01	0°♄	
morning max el	-11932 Oct 19 j 14:02	20°♄34'24	46°17'19		-11929 Apr 19 j 12:10	0°♄	
	-11932 Oct 28 j 19:11	0°♄			-11929 May 14 j 01:35	0°♄	
	-11932 Nov 25 j 08:04	0°♄			-11929 Jun 07 j 21:05	0°♄	
	-11932 Dec 21 j 16:30	0°♄			-11929 Jul 03 j 05:05	0°♄	
	-11931 Jan 16 j 11:00	0°♄		desc. node	-11929 Jul 08 j 01:18	5°♄36'58	
desc. node	-11931 Jan 20 j 10:02	4°♄39'41			-11929 Jul 29 j 17:31	0°♄	
	-11931 Feb 10 j 17:57	0°♄		evening max el	-11929 Aug 11 j 05:46	13°♄13'25	47°30'41
	-11931 Mar 07 j 13:35	0°♄			-11929 Aug 28 j 21:26	0°♄	
	-11931 Mar 31 j 23:06	0°♄		greatest brilliancy	-11929 Sep 21 j 00:34	15°♄14'20	-4.9m
morning set	-11931 Apr 15 j 02:46	17°♄35'43		retrograde	-11929 Oct 01 j 10:48	17°♄21'02	
	-11931 Apr 25 j 00:54	0°♄		evening set	-11929 Oct 16 j 11:31	12°♄41'24	
asc. node	-11931 May 11 j 09:45	20°♄33'08		inferior conj	-11929 Oct 22 j 11:01	8°♄57'48	-1°10'30
	-11931 May 18 j 21:47	0°♄		minimum elong	-11929 Oct 22 j 13:25	8°♄53'55	1°09'14
max. Earth dist.	-11931 May 19 j 02:30	0°♄14'52	1.71197 AU	min. Earth dist.	-11929 Oct 21 j 22:31	9°♄18'01	0.28189 AU
				asc. node	-11929 Oct 27 j 10:23	5°♄50'40	
superior conj	-11931 May 21 j 15:09	3°♄26'01	0°23'32	morning rise	-11929 Oct 28 j 16:05	5°♄07'51	
minimum elong	-11931 May 21 j 10:20	3°♄10'50	0°22'58	direct	-11929 Nov 12 j 08:26	0°♄45'16	
	-11931 Jun 11 j 16:26	0°♄		greatest brilliancy	-11929 Nov 21 j 10:54	2°♄18'47	-4.8m
evening rise	-11931 Jun 29 j 10:17	22°♄23'11			-11929 Dec 30 j 07:00	0°♄	
	-11931 Jul 05 j 11:21	0°♄		morning max el	-11929 Dec 31 j 05:58	0°♄54'23	46°00'37
	-11931 Jul 29 j 08:50	0°♄			-11928 Jan 28 j 16:48	0°♄	
	-11931 Aug 22 j 10:51	0°♄		desc. node	-11928 Feb 17 j 23:28	22°♄23'38	
desc. node	-11931 Sep 01 j 20:32	12°♄51'57			-11928 Feb 24 j 16:17	0°♄	
	-11931 Sep 15 j 18:54	0°♄			-11928 Mar 21 j 10:02	0°♄	
	-11931 Oct 10 j 10:40	0°♄			-11928 Apr 15 j 07:44	0°♄	
	-11931 Nov 04 j 14:16	0°♄			-11928 May 09 j 15:24	0°♄	
	-11931 Nov 30 j 16:49	0°♄			-11928 Jun 02 j 13:55	0°♄	
asc. node	-11931 Dec 22 j 04:28	23°♄04'51		asc. node	-11928 Jun 07 j 23:23	6°♄48'12	
	-11931 Dec 29 j 02:09	0°♄		greatest brilliancy	-11928 Jun 10 j 07:51	9°♄46'29	-3.9m
evening max el	-11930 Jan 01 j 21:19	3°♄40'13	44°49'18	morning set	-11928 Jun 24 j 19:10	28°♄04'44	
	-11930 Feb 06 j 21:03	0°♄			-11928 Jun 26 j 07:35	0°♄	
greatest brilliancy	-11930 Feb 08 j 15:13	0°♄39'10	-4.7m		-11928 Jul 20 j 00:10	0°♄	
retrograde	-11930 Feb 18 j 20:24	2°♄30'10					
	-11930 Mar 02 j 06:53	30°♄		superior conj	-11928 Aug 04 j 19:18	19°♄56'58	1°23'00
evening set	-11930 Mar 07 j 14:17	27°♄20'41		minimum elong	-11928 Aug 04 j 20:21	20°♄00'16	1°23'30
inferior conj	-11930 Mar 12 j 03:41	24°♄39'05	6°40'11	max. Earth dist.	-11928 Aug 11 j 04:34	27°♄59'35	1.71005 AU
minimum elong	-11930 Mar 12 j 12:27	24°♄25'47	6°38'05		-11928 Aug 12 j 18:51	0°♄	
min. Earth dist.	-11930 Mar 13 j 12:24	23°♄49'26	0.28532 AU		-11928 Sep 05 j 17:45	0°♄	
morning rise	-11930 Mar 17 j 09:52	21°♄31'43		evening rise	-11928 Sep 17 j 06:19	14°♄20'35	
direct	-11930 Apr 02 j 22:07	16°♄25'21		desc. node	-11928 Sep 29 j 08:29	29°♄19'27	
greatest brilliancy	-11930 Apr 14 j 14:30	18°♄50'48	-4.8m		-11928 Sep 29 j 21:36	0°♄	
desc. node	-11930 Apr 14 j 21:00	18°♄57'17			-11928 Oct 24 j 06:03	0°♄	
	-11930 May 02 j 22:02	0°♄			-11928 Nov 17 j 18:57	0°♄	
morning max el	-11930 May 23 j 01:04	18°♄07'04	46°33'18		-11928 Dec 12 j 13:56	0°♄	
	-11930 Jun 03 j 12:36	0°♄			-11927 Jan 06 j 19:51	0°♄	
	-11930 Jun 30 j 03:56	0°♄		asc. node	-11927 Jan 18 j 14:38	13°♄42'37	
	-11930 Jul 25 j 05:08	0°♄			-11927 Feb 01 j 21:53	0°♄	
asc. node	-11930 Aug 04 j 00:45	12°♄01'14			-11927 Mar 01 j 15:00	0°♄	
	-11930 Aug 18 j 14:24	0°♄		evening max el	-11927 Mar 15 j 15:46	13°♄58'02	45°49'08
	-11930 Sep 11 j 18:43	0°♄			-11927 Apr 03 j 00:38	0°♄	
	-11930 Oct 06 j 00:18	0°♄		greatest brilliancy	-11927 Apr 24 j 02:14	12°♄19'38	-4.8m
	-11930 Oct 30 j 09:46	0°♄		retrograde	-11927 May 03 j 23:15	14°♄03'54	
	-11930 Nov 23 j 22:32	0°♄		desc. node	-11927 May 12 j 07:43	12°♄42'27	
desc. node	-11930 Nov 25 j 08:38	1°♄44'07		evening set	-11927 May 18 j 09:20	10°♄07'58	
morning set	-11930 Nov 28 j 12:40	5°♄36'14		inferior conj	-11927 May 24 j 17:45	6°♄33'14	-2°59'41
	-11930 Dec 18 j 12:05	0°♄		minimum elong	-11927 May 24 j 11:13	6°♄42'52	2°58'05
max. Earth dist.	-11929 Jan 03 j 01:58	19°♄03'51	1.73839 AU	min. Earth dist.	-11927 May 24 j 18:12	6°♄32'33	0.26525 AU
				morning rise	-11927 May 30 j 12:46	3°♄16'00	
superior conj	-11929 Jan 05 j 15:44	22°♄13'03	-1°13'35		-11927 Jun 07 j 11:42	30°♄	
minimum elong	-11929 Jan 05 j 09:31	21°♄54'00	1°13'42	direct	-11927 Jun 14 j 09:25	29°♄02'45	
	-11929 Jan 12 j 00:03	0°♄			-11927 Jun 21 j 10:39	0°♄	
	-11929 Feb 05 j 09:35	0°♄		greatest brilliancy	-11927 Jun 25 j 09:44	1°♄18'27	-4.9m
evening rise	-11929 Feb 10 j 02:20	5°♄47'13			-11927 Aug 01 j 18:10	0°♄	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

morning max el	-11927 Aug 04 j 00:15	2° Υ 17'03	46°39'17	asc. node	-11924 Feb 16 j 01:26	1° Ξ 15'31	
	-11927 Aug 29 j 10:53	0° \mathcal{B}			-11924 Mar 11 j 02:02	0° \approx	
asc. node	-11927 Aug 31 j 13:50	2° \mathcal{B} 25'35			-11924 Apr 05 j 15:15	0° \mathcal{H}	
	-11927 Sep 24 j 03:47	0° Π			-11924 May 02 j 00:11	0° Υ	
	-11927 Oct 19 j 06:20	0° \mathcal{E}		evening max el	-11924 May 28 j 08:43	28° Υ 01'30	47°35'58
	-11927 Nov 13 j 05:50	0° Ω			-11924 May 30 j 08:21	0° \mathcal{B}	
	-11927 Dec 08 j 05:06	0° \mathcal{M}		desc. node	-11924 Jun 08 j 17:42	8° \mathcal{B} 56'35	
desc. node	-11927 Dec 22 j 22:25	17° \mathcal{M} 43'00		greatest brilliancy	-11924 Jul 08 j 23:38	29° \mathcal{B} 36'32	-4.9m
	-11926 Jan 02 j 02:42	0° $\underline{\mathcal{A}}$			-11924 Jul 10 j 04:41	0° Π	
	-11926 Jan 26 j 20:00	0° \mathcal{M}		retrograde	-11924 Jul 18 j 06:30	1° Π 15'46	
morning set	-11926 Feb 05 j 14:21	11° \mathcal{M} 55'50			-11924 Jul 26 j 02:04	30° \mathcal{R} \mathcal{B}	
	-11926 Feb 20 j 07:30	0° \mathcal{A}		evening set	-11924 Aug 05 j 02:02	25° \mathcal{B} 08'08	
max. Earth dist.	-11926 Mar 08 j 02:21	19° \mathcal{A} 30'00	1.72958 AU	min. Earth dist.	-11924 Aug 07 j 08:20	23° \mathcal{B} 44'32	0.26804 AU
				inferior conj	-11924 Aug 08 j 01:16	23° \mathcal{B} 18'10	-8°42'48
superior conj	-11926 Mar 12 j 16:04	25° \mathcal{A} 09'56	-1°02'58	minimum elong	-11924 Aug 08 j 04:18	23° \mathcal{B} 13'27	8°42'08
minimum elong	-11926 Mar 12 j 23:31	25° \mathcal{A} 33'02	1°03'25	morning rise	-11924 Aug 11 j 06:43	21° \mathcal{B} 19'24	
	-11926 Mar 16 j 13:34	0° \mathcal{B}		direct	-11924 Aug 28 j 04:53	15° \mathcal{B} 40'22	
	-11926 Apr 09 j 15:53	0° \approx		greatest brilliancy	-11924 Sep 06 j 20:11	17° \mathcal{B} 27'19	-4.9m
asc. node	-11926 Apr 12 j 22:55	4° \approx 06'33			-11924 Sep 27 j 07:24	0° Π	
evening rise	-11926 Apr 17 j 00:45	9° \approx 11'51		asc. node	-11924 Sep 28 j 01:35	0° Π 36'57	
	-11926 May 03 j 16:20	0° \mathcal{H}		morning max el	-11924 Oct 17 j 03:06	18° Π 08'58	46°18'14
	-11926 May 27 j 16:41	0° Υ			-11924 Oct 28 j 15:10	0° \mathcal{E}	
	-11926 Jun 20 j 18:44	0° \mathcal{B}			-11924 Nov 24 j 23:34	0° Ω	
	-11926 Jul 15 j 00:51	0° Π			-11924 Dec 21 j 06:02	0° \mathcal{M}	
desc. node	-11926 Aug 04 j 11:45	25° Π 01'09			-11923 Jan 15 j 23:27	0° $\underline{\mathcal{A}}$	
	-11926 Aug 08 j 14:21	0° \mathcal{E}		desc. node	-11923 Jan 19 j 12:19	4° $\underline{\mathcal{A}}$ 10'04	
	-11926 Sep 02 j 16:39	0° Ω			-11923 Feb 10 j 05:45	0° \mathcal{M}	
	-11926 Sep 28 j 20:02	0° \mathcal{M}			-11923 Mar 07 j 01:00	0° \mathcal{A}	
evening max el	-11926 Oct 20 j 19:38	23° \mathcal{M} 17'47	45°45'27		-11923 Mar 31 j 10:20	0° \mathcal{B}	
	-11926 Oct 27 j 17:42	0° $\underline{\mathcal{A}}$		morning set	-11923 Apr 12 j 21:22	15° \mathcal{B} 29'10	
asc. node	-11926 Nov 23 j 20:49	20° $\underline{\mathcal{A}}$ 32'27			-11923 Apr 24 j 12:04	0° \approx	
greatest brilliancy	-11926 Nov 27 j 16:03	22° $\underline{\mathcal{A}}$ 15'21	-4.7m	asc. node	-11923 May 10 j 11:53	20° \approx 04'39	
retrograde	-11926 Dec 08 j 23:37	24° $\underline{\mathcal{A}}$ 36'44		max. Earth dist.	-11923 May 16 j 16:51	27° \approx 53'31	1.71245 AU
evening set	-11926 Dec 25 j 09:02	19° $\underline{\mathcal{A}}$ 22'13			-11923 May 18 j 09:00	0° \mathcal{H}	
inferior conj	-11926 Dec 30 j 09:04	16° $\underline{\mathcal{A}}$ 14'57	6°53'25				
minimum elong	-11926 Dec 30 j 01:11	16° $\underline{\mathcal{A}}$ 27'37	6°52'06	superior conj	-11923 May 19 j 06:57	1° \mathcal{H} 09'11	0°20'18
min. Earth dist.	-11926 Dec 30 j 09:05	16° $\underline{\mathcal{A}}$ 14'55	0.29533 AU	minimum elong	-11923 May 19 j 02:47	0° \mathcal{H} 56'05	0°19'44
morning rise	-11925 Jan 03 j 17:23	13° $\underline{\mathcal{A}}$ 30'47			-11923 Jun 11 j 03:45	0° Υ	
direct	-11925 Jan 21 j 06:47	7° $\underline{\mathcal{A}}$ 41'59		evening rise	-11923 Jun 26 j 22:10	19° Υ 53'30	
greatest brilliancy	-11925 Jan 30 j 19:19	9° $\underline{\mathcal{A}}$ 19'37	-4.7m		-11923 Jul 04 j 22:47	0° \mathcal{B}	
	-11925 Mar 03 j 04:11	0° \mathcal{M}			-11923 Jul 28 j 20:26	0° Π	
morning max el	-11925 Mar 11 j 06:22	7° \mathcal{M} 26'53	46°08'40		-11923 Aug 21 j 22:40	0° \mathcal{E}	
desc. node	-11925 Mar 17 j 11:46	13° \mathcal{M} 31'03		desc. node	-11923 Aug 31 j 22:45	12° \mathcal{E} 22'03	
	-11925 Apr 02 j 08:48	0° \mathcal{A}			-11923 Sep 15 j 07:00	0° Ω	
	-11925 Apr 29 j 01:40	0° \mathcal{B}			-11923 Oct 09 j 23:14	0° \mathcal{M}	
	-11925 May 24 j 06:42	0° \approx			-11923 Nov 04 j 03:45	0° $\underline{\mathcal{A}}$	
	-11925 Jun 17 j 16:16	0° \mathcal{H}			-11923 Nov 30 j 08:25	0° \mathcal{M}	
asc. node	-11925 Jul 06 j 13:18	23° \mathcal{H} 36'07		asc. node	-11923 Dec 21 j 06:49	22° \mathcal{M} 21'05	
	-11925 Jul 11 j 15:25	0° Υ			-11923 Dec 28 j 23:59	0° \mathcal{A}	
	-11925 Aug 04 j 10:28	0° \mathcal{B}		evening max el	-11923 Dec 30 j 12:32	1° \mathcal{A} 27'34	44°49'21
	-11925 Aug 28 j 06:12	0° Π		greatest brilliancy	-11922 Feb 06 j 04:18	28° \mathcal{A} 25'42	-4.7m
morning set	-11925 Sep 11 j 11:55	17° Π 50'40			-11922 Feb 12 j 10:00	0° \mathcal{B}	
	-11925 Sep 21 j 05:43	0° \mathcal{E}		retrograde	-11922 Feb 16 j 11:50	0° \mathcal{B} 18'30	
	-11925 Oct 15 j 10:08	0° Ω			-11922 Feb 20 j 11:43	30° \mathcal{R} \mathcal{A}	
				evening set	-11922 Mar 05 j 07:42	25° \mathcal{A} 04'42	
superior conj	-11925 Oct 23 j 17:00	10° Ω 13'31	0°09'25	inferior conj	-11922 Mar 09 j 18:49	22° \mathcal{A} 25'56	6°51'01
minimum elong	-11925 Oct 23 j 19:32	10° Ω 21'18	0°09'50	minimum elong	-11922 Mar 10 j 03:19	22° \mathcal{A} 13'01	6°49'02
behind sun begin	-11925 Oct 22 j 22:29	9° Ω 16'25		min. Earth dist.	-11922 Mar 11 j 02:58	21° \mathcal{A} 37'05	0.28609 AU
behind sun end	-11925 Oct 24 j 16:34	11° Ω 26'10		morning rise	-11922 Mar 14 j 22:17	19° \mathcal{A} 22'19	
desc. node	-11925 Oct 27 j 21:12	15° Ω 22'11		direct	-11922 Mar 31 j 14:21	14° \mathcal{A} 10'44	
max. Earth dist.	-11925 Oct 28 j 00:30	15° Ω 32'19	1.72920 AU	greatest brilliancy	-11922 Apr 12 j 05:04	16° \mathcal{A} 35'01	-4.8m
	-11925 Nov 08 j 18:33	0° \mathcal{M}		desc. node	-11922 Apr 13 j 23:11	17° \mathcal{A} 19'03	
evening rise	-11925 Dec 02 j 15:41	29° \mathcal{M} 18'45			-11922 May 03 j 09:37	0° \mathcal{B}	
	-11925 Dec 03 j 05:08	0° $\underline{\mathcal{A}}$		morning max el	-11922 May 20 j 17:32	15° \mathcal{B} 51'59	46°32'46
	-11925 Dec 27 j 16:48	0° \mathcal{M}			-11922 Jun 03 j 07:40	0° \approx	
	-11924 Jan 21 j 06:22	0° \mathcal{A}			-11922 Jun 29 j 19:08	0° \mathcal{H}	
	-11924 Feb 15 j 00:22	0° \mathcal{B}			-11922 Jul 24 j 18:40	0° Υ	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

asc. node	-11922 Aug 03 j 03:06	11° Υ 27'58		asc. node	-11919 Jan 17 j 17:02	13° Σ 09'29	
	-11922 Aug 18 j 03:05	0° \mathcal{B}			-11919 Feb 01 j 13:06	0° \mathcal{B}	
	-11922 Sep 11 j 06:54	0° Π			-11919 Mar 01 j 11:01	0° \approx	
	-11922 Oct 05 j 12:10	0° \mathcal{E}		evening max el	-11919 Mar 13 j 05:13	11° \approx 37'12	45°45'25
	-11922 Oct 29 j 21:23	0° Ω			-11919 Apr 03 j 18:15	0° \mathcal{H}	
	-11922 Nov 23 j 09:55	0° \mathcal{M}		greatest brilliancy	-11919 Apr 21 j 14:06	9° \mathcal{H} 52'27	-4.8m
desc. node	-11922 Nov 24 j 10:41	1° \mathcal{M} 15'38		retrograde	-11919 May 01 j 10:11	11° \mathcal{H} 35'38	
morning set	-11922 Nov 26 j 02:57	3° \mathcal{M} 18'34		desc. node	-11919 May 11 j 09:55	9° \mathcal{H} 40'25	
	-11922 Dec 17 j 23:18	0° $\underline{\mathcal{A}}$		evening set	-11919 May 15 j 20:03	7° \mathcal{H} 41'28	
max. Earth dist.	-11921 Jan 01 j 00:58	17° $\underline{\mathcal{A}}$ 13'04	1.73842 AU	inferior conj	-11919 May 22 j 05:27	4° \mathcal{H} 05'28	-2°36'57
				minimum elong	-11919 May 21 j 23:39	4° \mathcal{H} 14'01	2°35'35
superior conj	-11921 Jan 03 j 09:41	20° $\underline{\mathcal{A}}$ 06'49	-1°12'18	min. Earth dist.	-11919 May 22 j 07:53	4° \mathcal{H} 01'52	0.26559 AU
minimum elong	-11921 Jan 03 j 03:02	19° $\underline{\mathcal{A}}$ 46'26	1°12'23	morning rise	-11919 May 28 j 02:49	0° \mathcal{H} 44'43	
	-11921 Jan 11 j 11:10	0° \mathcal{M}			-11919 May 29 j 14:09	30° \mathcal{R} \approx	
	-11921 Feb 04 j 20:45	0° Σ		direct	-11919 Jun 11 j 21:47	26° \approx 34'11	
evening rise	-11921 Feb 07 j 22:07	3° Σ 45'55		greatest brilliancy	-11919 Jun 22 j 23:52	28° \approx 50'50	-4.9m
greatest brilliancy	-11921 Feb 09 j 18:27	6° Σ 02'26	-3.9m		-11919 Jun 25 j 15:46	0° \mathcal{H}	
	-11921 Mar 01 j 05:02	0° \mathcal{B}		morning max el	-11919 Aug 01 j 11:56	29° \mathcal{H} 44'33	46°39'44
asc. node	-11921 Mar 15 j 12:47	17° \mathcal{B} 38'47			-11919 Aug 01 j 17:59	0° Υ	
	-11921 Mar 25 j 13:44	0° \approx			-11919 Aug 29 j 03:53	0° \mathcal{B}	
	-11921 Apr 19 j 00:22	0° \mathcal{H}		asc. node	-11919 Aug 30 j 15:57	1° \mathcal{B} 43'35	
	-11921 May 13 j 14:26	0° Υ			-11919 Sep 23 j 18:14	0° Π	
	-11921 Jun 07 j 10:53	0° \mathcal{B}			-11919 Oct 18 j 19:27	0° \mathcal{E}	
	-11921 Jul 02 j 20:29	0° Π			-11919 Nov 12 j 18:08	0° Ω	
desc. node	-11921 Jul 07 j 03:43	4° Π 58'24		desc. node	-11919 Dec 07 j 16:51	0° \mathcal{M}	
	-11921 Jul 29 j 12:29	0° \mathcal{E}			-11919 Dec 22 j 00:41	17° \mathcal{M} 15'02	
evening max el	-11921 Aug 08 j 22:45	10° \mathcal{E} 58'07	47°33'28		-11918 Jan 01 j 14:06	0° $\underline{\mathcal{A}}$	
	-11921 Aug 29 j 06:42	0° Ω			-11918 Jan 26 j 07:10	0° \mathcal{M}	
greatest brilliancy	-11921 Sep 18 j 17:48	12° Ω 58'39	-4.9m	morning set	-11918 Feb 03 j 09:22	9° \mathcal{M} 53'11	
retrograde	-11921 Sep 29 j 03:54	15° Ω 04'52			-11918 Feb 19 j 18:34	0° Σ	
evening set	-11921 Oct 14 j 05:14	10° Ω 23'33		max. Earth dist.	-11918 Mar 05 j 20:37	17° Σ 23'47	1.73013 AU
min. Earth dist.	-11921 Oct 19 j 14:24	7° Ω 02'39	0.28135 AU				
inferior conj	-11921 Oct 20 j 03:17	6° Ω 41'50	-1°30'33	superior conj	-11918 Mar 10 j 11:56	23° Σ 08'28	-1°04'43
minimum elong	-11921 Oct 20 j 06:22	6° Ω 36'52	1°29'05	minimum elong	-11918 Mar 10 j 19:13	23° Σ 31'04	1°05'12
morning rise	-11921 Oct 26 j 08:22	2° Ω 52'19			-11918 Mar 16 j 00:38	0° \mathcal{B}	
asc. node	-11921 Oct 26 j 12:37	2° Ω 46'24			-11918 Apr 09 j 03:03	0° \approx	
	-11921 Nov 01 j 13:17	30° \mathcal{R} \mathcal{E}		asc. node	-11918 Apr 12 j 01:03	3° \approx 38'15	
direct	-11921 Nov 10 j 00:28	28° \mathcal{E} 30'31		evening rise	-11918 Apr 14 j 19:10	7° \approx 04'30	
	-11921 Nov 18 j 21:23	0° Ω			-11918 May 03 j 03:44	0° \mathcal{H}	
greatest brilliancy	-11921 Nov 19 j 02:01	0° Ω 03'47	-4.8m		-11918 May 27 j 04:23	0° Υ	
morning max el	-11921 Dec 28 j 22:43	28° Ω 45'16	46°00'39		-11918 Jun 20 j 06:48	0° \mathcal{B}	
	-11921 Dec 30 j 05:59	0° \mathcal{M}			-11918 Jul 14 j 13:20	0° Π	
	-11920 Jan 28 j 08:57	0° $\underline{\mathcal{A}}$		desc. node	-11918 Aug 03 j 13:59	24° Π 28'35	
desc. node	-11920 Feb 17 j 01:36	21° $\underline{\mathcal{A}}$ 49'31			-11918 Aug 08 j 03:27	0° \mathcal{E}	
	-11920 Feb 24 j 06:00	0° \mathcal{M}			-11918 Sep 02 j 06:50	0° Ω	
	-11920 Mar 20 j 22:35	0° Σ			-11918 Sep 28 j 12:40	0° \mathcal{M}	
	-11920 Apr 14 j 19:42	0° \mathcal{B}		evening max el	-11918 Oct 18 j 10:40	21° \mathcal{M} 02'13	45°49'01
	-11920 May 09 j 03:03	0° \approx			-11918 Oct 27 j 18:41	0° $\underline{\mathcal{A}}$	
	-11920 Jun 02 j 01:26	0° \mathcal{H}		asc. node	-11918 Nov 22 j 23:08	19° $\underline{\mathcal{A}}$ 05'40	
asc. node	-11920 Jun 07 j 01:33	6° \mathcal{H} 18'44		greatest brilliancy	-11918 Nov 25 j 10:10	20° $\underline{\mathcal{A}}$ 09'44	-4.7m
greatest brilliancy	-11920 Jun 09 j 15:37	9° \mathcal{H} 34'39	-3.9m	retrograde	-11918 Dec 06 j 17:10	22° $\underline{\mathcal{A}}$ 31'23	
morning set	-11920 Jun 22 j 07:31	25° \mathcal{H} 35'37		evening set	-11918 Dec 23 j 00:30	17° $\underline{\mathcal{A}}$ 19'51	
	-11920 Jun 25 j 19:02	0° Υ		inferior conj	-11918 Dec 28 j 02:54	14° $\underline{\mathcal{A}}$ 09'05	6°43'47
	-11920 Jul 19 j 11:38	0° \mathcal{B}		minimum elong	-11918 Dec 27 j 18:46	14° $\underline{\mathcal{A}}$ 22'10	6°42'23
				min. Earth dist.	-11918 Dec 28 j 02:12	14° $\underline{\mathcal{A}}$ 10'13	0.29516 AU
superior conj	-11920 Aug 02 j 04:25	17° \mathcal{B} 18'18	1°23'06	morning rise	-11917 Jan 01 j 13:04	11° $\underline{\mathcal{A}}$ 21'55	
minimum elong	-11920 Aug 02 j 04:20	17° \mathcal{B} 18'01	1°23'35	direct	-11917 Jan 18 j 23:27	5° $\underline{\mathcal{A}}$ 36'10	
max. Earth dist.	-11920 Aug 08 j 10:58	25° \mathcal{B} 12'36	1.70954 AU	greatest brilliancy	-11917 Jan 28 j 11:57	7° $\underline{\mathcal{A}}$ 13'26	-4.7m
	-11920 Aug 12 j 06:18	0° Π			-11917 Mar 03 j 05:50	0° \mathcal{M}	
	-11920 Sep 05 j 05:11	0° \mathcal{E}		morning max el	-11917 Mar 08 j 22:11	5° \mathcal{M} 16'49	46°07'56
evening rise	-11920 Sep 14 j 14:14	11° \mathcal{E} 40'34		desc. node	-11917 Mar 16 j 13:55	12° \mathcal{M} 46'14	
desc. node	-11920 Sep 28 j 10:35	28° \mathcal{E} 50'37			-11917 Apr 02 j 01:29	0° Σ	
	-11920 Sep 29 j 09:02	0° Ω			-11917 Apr 28 j 15:39	0° \mathcal{B}	
	-11920 Oct 23 j 17:34	0° \mathcal{M}			-11917 May 23 j 19:29	0° \approx	
	-11920 Nov 17 j 06:41	0° $\underline{\mathcal{A}}$			-11917 Jun 17 j 04:26	0° \mathcal{H}	
	-11920 Dec 12 j 02:10	0° \mathcal{M}		asc. node	-11917 Jul 05 j 15:37	23° \mathcal{H} 05'58	
	-11919 Jan 06 j 09:04	0° Σ			-11917 Jul 11 j 03:15	0° Υ	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11917 Aug 03 j 22:07	0°♄		retrograde	-11914 Feb 14 j 03:31	28°♄09'07	
	-11917 Aug 27 j 17:42	0°♅		evening set	-11914 Mar 03 j 01:27	22°♄51'32	
morning set	-11917 Sep 08 j 21:10	15°♅13'40		inferior conj	-11914 Mar 07 j 10:25	20°♄15'17	7°00'53
	-11917 Sep 20 j 17:06	0°♆		minimum elong	-11914 Mar 07 j 18:35	20°♄02'50	6°59'04
	-11917 Oct 14 j 21:25	0°♇		min. Earth dist.	-11914 Mar 08 j 17:43	19°♄27'36	0.28683 AU
				morning rise	-11914 Mar 12 j 11:08	17°♄15'13	
superior conj	-11917 Oct 21 j 04:10	7°♇45'21	0°13'02	direct	-11914 Mar 29 j 07:13	11°♄58'54	
minimum elong	-11917 Oct 21 j 07:38	7°♇56'02	0°13'27	greatest brilliancy	-11914 Apr 09 j 19:23	14°♄21'01	-4.8m
behind sun begin	-11917 Oct 20 j 16:50	7°♇10'23		desc. node	-11914 Apr 13 j 01:24	15°♄46'05	
behind sun end	-11917 Oct 21 j 22:26	8°♇41'41			-11914 May 03 j 17:36	0°♄	
max. Earth dist.	-11917 Oct 25 j 16:32	13°♇19'22	1.72852 AU	morning max el	-11914 May 18 j 09:47	13°♄37'45	46°31'48
desc. node	-11917 Oct 26 j 23:22	14°♇54'20			-11914 Jun 03 j 01:55	0°♄	
	-11917 Nov 08 j 05:43	0°♈			-11914 Jun 29 j 09:56	0°♈	
evening rise	-11917 Nov 30 j 07:48	27°♈06'53			-11914 Jul 24 j 07:58	0°♉	
	-11917 Dec 02 j 16:15	0°♉		asc. node	-11914 Aug 02 j 05:12	10°♉54'31	
	-11917 Dec 27 j 03:59	0°♊			-11914 Aug 17 j 15:35	0°♊	
	-11916 Jan 20 j 17:48	0°♋			-11914 Sep 10 j 18:53	0°♋	
	-11916 Feb 14 j 12:21	0°♌			-11914 Oct 04 j 23:48	0°♌	
asc. node	-11916 Feb 15 j 03:39	0°♌46'01			-11914 Oct 29 j 08:44	0°♍	
	-11916 Mar 10 j 14:58	0°♍			-11914 Nov 22 j 21:02	0°♎	
	-11916 Apr 05 j 05:48	0°♈		morning set	-11914 Nov 23 j 17:09	1°♎01'26	
	-11916 May 01 j 17:41	0°♉		desc. node	-11914 Nov 23 j 12:56	0°♎48'36	
evening max el	-11916 May 25 j 21:29	25°♉33'44	47°33'23		-11914 Dec 17 j 10:14	0°♏	
	-11916 May 30 j 09:39	0°♊		max. Earth dist.	-11914 Dec 30 j 00:26	15°♏24'34	1.73839 AU
desc. node	-11916 Jun 07 j 20:07	7°♊52'56					
greatest brilliancy	-11916 Jul 06 j 12:44	27°♊06'43	-4.9m	superior conj	-11913 Jan 01 j 03:41	18°♏01'34	-1°10'56
retrograde	-11916 Jul 15 j 19:20	28°♊45'56		minimum elong	-11914 Dec 31 j 20:38	17°♏39'57	1°10'57
evening set	-11916 Aug 02 j 15:14	22°♊38'23			-11913 Jan 10 j 22:00	0°♏	
min. Earth dist.	-11916 Aug 04 j 20:59	21°♊15'59	0.26772 AU		-11913 Feb 04 j 07:37	0°♋	
inferior conj	-11916 Aug 05 j 14:08	20°♊49'25	-8°45'43	evening rise	-11913 Feb 05 j 18:11	1°♋46'25	
minimum elong	-11916 Aug 05 j 16:17	20°♊46'05	8°45'09	greatest brilliancy	-11913 Feb 08 j 12:54	5°♋11'52	-3.9m
morning rise	-11916 Aug 08 j 17:27	18°♋54'13			-11913 Feb 28 j 16:04	0°♌	
direct	-11916 Aug 25 j 17:11	13°♋12'15		asc. node	-11913 Mar 14 j 15:02	17°♌11'20	
greatest brilliancy	-11916 Sep 04 j 09:51	15°♋00'32	-4.9m		-11913 Mar 25 j 01:05	0°♍	
asc. node	-11916 Sep 27 j 03:50	29°♋27'27			-11913 Apr 18 j 12:12	0°♈	
	-11916 Sep 27 j 19:15	0°♉			-11913 May 13 j 03:00	0°♉	
morning max el	-11916 Oct 14 j 17:09	15°♉46'13	46°19'13		-11913 Jun 07 j 00:30	0°♊	
	-11916 Oct 28 j 10:28	0°♊			-11913 Jul 02 j 11:53	0°♋	
	-11916 Nov 24 j 14:43	0°♋		desc. node	-11913 Jul 06 j 05:54	4°♋19'20	
	-11916 Dec 20 j 19:17	0°♌			-11913 Jul 29 j 07:49	0°♌	
	-11915 Jan 15 j 11:38	0°♍		evening max el	-11913 Aug 06 j 15:44	8°♌42'57	47°35'56
desc. node	-11915 Jan 18 j 14:25	3°♍40'36			-11913 Aug 29 j 19:04	0°♍	
	-11915 Feb 09 j 17:17	0°♎		greatest brilliancy	-11913 Sep 16 j 11:25	10°♍43'12	-4.9m
	-11915 Mar 06 j 12:10	0°♋		retrograde	-11913 Sep 26 j 20:36	12°♍48'00	
	-11915 Mar 30 j 21:21	0°♌		evening set	-11913 Oct 11 j 22:52	8°♍05'13	
morning set	-11915 Apr 10 j 16:14	13°♌24'07		inferior conj	-11913 Oct 17 j 19:19	4°♍25'33	-1°50'39
	-11915 Apr 23 j 23:05	0°♍		minimum elong	-11913 Oct 17 j 23:03	4°♍19'31	1°48'59
asc. node	-11915 May 09 j 14:09	19°♍37'01		min. Earth dist.	-11913 Oct 17 j 06:17	4°♍46'37	0.28076 AU
max. Earth dist.	-11915 May 14 j 06:02	25°♍29'01	1.71299 AU	morning rise	-11913 Oct 24 j 00:11	0°♍36'30	
					-11913 Oct 25 j 03:03	30°♎	
superior conj	-11915 May 16 j 22:50	28°♍53'04	0°17'02	asc. node	-11913 Oct 25 j 14:55	29°♎44'33	
minimum elong	-11915 May 16 j 19:22	28°♍42'08	0°16'30	direct	-11913 Nov 07 j 16:07	26°♎15'39	
	-11915 May 17 j 20:05	0°♈		greatest brilliancy	-11913 Nov 16 j 17:01	27°♎48'34	-4.8m
	-11915 Jun 10 j 14:58	0°♉			-11913 Nov 22 j 02:04	0°♏	
evening rise	-11915 Jun 24 j 10:00	17°♉23'55		morning max el	-11913 Dec 26 j 14:35	26°♏34'37	46°00'48
	-11915 Jul 04 j 10:08	0°♊			-11913 Dec 30 j 03:46	0°♎	
	-11915 Jul 28 j 07:56	0°♋			-11912 Jan 28 j 00:32	0°♏	
	-11915 Aug 21 j 10:21	0°♌		desc. node	-11912 Feb 16 j 03:40	21°♏16'23	
desc. node	-11915 Aug 31 j 00:53	11°♌52'21			-11912 Feb 23 j 19:16	0°♎	
	-11915 Sep 14 j 18:58	0°♍			-11912 Mar 20 j 10:44	0°♋	
	-11915 Oct 09 j 11:39	0°♎			-11912 Apr 14 j 07:15	0°♌	
	-11915 Nov 03 j 17:06	0°♏			-11912 May 08 j 14:18	0°♍	
	-11915 Nov 29 j 23:57	0°♎			-11912 Jun 01 j 12:33	0°♈	
asc. node	-11915 Dec 20 j 09:17	21°♎37'56		asc. node	-11912 Jun 06 j 03:53	5°♈51'01	
evening max el	-11915 Dec 28 j 04:49	29°♎18'33	44°49'37	greatest brilliancy	-11912 Jun 08 j 21:55	9°♈19'30	-3.9m
	-11915 Dec 28 j 22:15	0°♋		morning set	-11912 Jun 19 j 20:21	23°♈09'12	
greatest brilliancy	-11914 Feb 03 j 18:04	26°♋14'59	-4.7m		-11912 Jun 25 j 06:08	0°♉	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11912 Jul 18 j 22:47	0°♄		minimum elong	-11910 Dec 25 j 12:03	12°♄15'36	6°32'01
				min. Earth dist.	-11910 Dec 25 j 18:52	12°♄04'40	0.29496 AU
superior conj	-11912 Jul 30 j 13:38	14°♄40'44	1°23'00	morning rise	-11910 Dec 30 j 08:32	9°♄12'03	
minimum elong	-11912 Jul 30 j 12:26	14°♄36'59	1°23'28	direct	-11909 Jan 16 j 15:51	3°♄29'17	
max. Earth dist.	-11912 Aug 05 j 14:19	22°♄16'49	1.70914 AU	greatest brilliancy	-11909 Jan 26 j 04:13	5°♄06'28	-4.7m
	-11912 Aug 11 j 17:31	0°♄			-11909 Mar 03 j 06:12	0°♄	
	-11912 Sep 04 j 16:25	0°♄		morning max el	-11909 Mar 06 j 14:31	3°♄08'19	46°07'21
evening rise	-11912 Sep 11 j 21:26	8°♄58'43		desc. node	-11909 Mar 15 j 16:12	12°♄02'40	
desc. node	-11912 Sep 27 j 12:50	28°♄22'45			-11909 Apr 01 j 17:44	0°♄	
	-11912 Sep 28 j 20:18	0°♄			-11909 Apr 28 j 05:20	0°♄	
	-11912 Oct 23 j 04:55	0°♄			-11909 May 23 j 08:01	0°♄	
	-11912 Nov 16 j 18:15	0°♄			-11909 Jun 16 j 16:23	0°♄	
	-11912 Dec 11 j 14:12	0°♄		asc. node	-11909 Jul 04 j 17:40	22°♄35'44	
	-11911 Jan 05 j 22:05	0°♄			-11909 Jul 10 j 14:52	0°♄	
asc. node	-11911 Jan 16 j 19:13	12°♄36'19			-11909 Aug 03 j 09:32	0°♄	
	-11911 Feb 01 j 04:11	0°♄			-11909 Aug 27 j 04:58	0°♄	
	-11911 Mar 01 j 07:13	0°♄		morning set	-11909 Sep 06 j 06:44	12°♄38'11	
evening max el	-11911 Mar 10 j 18:09	9°♄16'27	45°41'55		-11909 Sep 20 j 04:17	0°♄	
	-11911 Apr 04 j 16:44	0°♄			-11909 Oct 14 j 08:31	0°♄	
greatest brilliancy	-11911 Apr 19 j 02:34	7°♄28'03	-4.8m				
retrograde	-11911 Apr 28 j 21:17	9°♄10'20		superior conj	-11909 Oct 18 j 15:09	5°♄16'56	0°16'39
desc. node	-11911 May 10 j 12:15	6°♄36'08		minimum elong	-11909 Oct 18 j 19:32	5°♄30'30	0°17'02
evening set	-11911 May 13 j 07:23	5°♄17'10		max. Earth dist.	-11909 Oct 23 j 06:47	11°♄01'16	1.72793 AU
inferior conj	-11911 May 19 j 17:34	1°♄40'34	-2°14'18	desc. node	-11909 Oct 26 j 01:36	14°♄27'07	
minimum elong	-11911 May 19 j 12:33	1°♄47'58	2°13'09		-11909 Nov 07 j 16:47	0°♄	
min. Earth dist.	-11911 May 19 j 22:09	1°♄33'48	0.26595 AU	evening rise	-11909 Nov 27 j 23:26	24°♄53'48	
	-11911 May 22 j 14:13	30°♄			-11909 Dec 02 j 03:19	0°♄	
morning rise	-11911 May 25 j 17:06	28°♄16'36			-11909 Dec 26 j 15:08	0°♄	
direct	-11911 Jun 09 j 10:11	24°♄08'13			-11908 Jan 20 j 05:14	0°♄	
greatest brilliancy	-11911 Jun 20 j 14:53	26°♄26'40	-4.9m	asc. node	-11908 Feb 14 j 05:55	0°♄16'44	
	-11911 Jun 27 j 19:11	0°♄			-11908 Feb 14 j 00:21	0°♄	
morning max el	-11911 Jul 29 j 23:43	27°♄13'46	46°39'58		-11908 Mar 10 j 03:57	0°♄	
	-11911 Aug 01 j 16:16	0°♄			-11908 Apr 04 j 20:26	0°♄	
	-11911 Aug 28 j 20:12	0°♄			-11908 May 01 j 11:29	0°♄	
asc. node	-11911 Aug 29 j 18:13	1°♄03'32		evening max el	-11908 May 23 j 11:14	23°♄08'49	47°30'45
	-11911 Sep 23 j 08:17	0°♄			-11908 May 30 j 12:09	0°♄	
	-11911 Oct 18 j 08:18	0°♄		desc. node	-11908 Jun 06 j 22:20	6°♄47'23	
	-11911 Nov 12 j 06:14	0°♄		greatest brilliancy	-11908 Jul 04 j 01:08	24°♄36'21	-4.9m
	-11911 Dec 07 j 04:26	0°♄		retrograde	-11908 Jul 13 j 08:35	26°♄16'16	
desc. node	-11911 Dec 21 j 02:48	16°♄47'13		evening set	-11908 Jul 31 j 03:54	20°♄09'20	
	-11910 Jan 01 j 01:18	0°♄		min. Earth dist.	-11908 Aug 02 j 09:11	18°♄47'59	0.26737 AU
	-11910 Jan 25 j 18:07	0°♄		inferior conj	-11908 Aug 03 j 02:52	18°♄20'41	-8°47'41
morning set	-11910 Feb 01 j 04:03	7°♄50'10		minimum elong	-11908 Aug 03 j 04:08	18°♄18'45	8°47'10
	-11910 Feb 19 j 05:23	0°♄		morning rise	-11908 Aug 06 j 04:30	16°♄28'31	
max. Earth dist.	-11910 Mar 03 j 16:13	15°♄22'29	1.73066 AU	direct	-11908 Aug 23 j 05:57	10°♄44'24	
				greatest brilliancy	-11908 Sep 01 j 22:50	12°♄33'20	-4.9m
superior conj	-11910 Mar 08 j 07:46	21°♄07'44	-1°06'24	asc. node	-11908 Sep 26 j 06:08	28°♄20'24	
minimum elong	-11910 Mar 08 j 14:53	21°♄29'47	1°06'54		-11908 Sep 28 j 03:50	0°♄	
	-11910 Mar 15 j 11:28	0°♄		morning max el	-11908 Oct 12 j 07:48	13°♄25'22	46°20'07
	-11910 Apr 08 j 14:00	0°♄			-11908 Oct 28 j 05:06	0°♄	
asc. node	-11910 Apr 11 j 03:21	3°♄11'15			-11908 Nov 24 j 05:36	0°♄	
evening rise	-11910 Apr 12 j 13:52	4°♄58'52			-11908 Dec 20 j 08:26	0°♄	
	-11910 May 02 j 14:54	0°♄			-11907 Jan 14 j 23:49	0°♄	
	-11910 May 26 j 15:49	0°♄		desc. node	-11907 Jan 17 j 16:28	3°♄10'53	
	-11910 Jun 19 j 18:33	0°♄			-11907 Feb 09 j 04:52	0°♄	
	-11910 Jul 14 j 01:31	0°♄			-11907 Mar 05 j 23:24	0°♄	
desc. node	-11910 Aug 02 j 16:09	23°♄56'35			-11907 Mar 30 j 08:25	0°♄	
	-11910 Aug 07 j 16:18	0°♄		morning set	-11907 Apr 08 j 10:54	11°♄18'26	
	-11910 Sep 01 j 20:55	0°♄			-11907 Apr 23 j 10:07	0°♄	
	-11910 Sep 28 j 05:28	0°♄		asc. node	-11907 May 08 j 16:23	19°♄09'14	
evening max el	-11910 Oct 16 j 01:41	18°♄46'36	45°52'30	max. Earth dist.	-11907 May 11 j 17:53	23°♄00'21	1.71351 AU
	-11910 Oct 27 j 21:04	0°♄					
asc. node	-11910 Nov 22 j 01:33	17°♄35'27		superior conj	-11907 May 14 j 14:43	26°♄36'58	0°13'46
greatest brilliancy	-11910 Nov 23 j 03:36	18°♄02'32	-4.7m	minimum elong	-11907 May 14 j 11:56	26°♄28'13	0°13'14
retrograde	-11910 Dec 04 j 10:46	20°♄25'07		behind sun begin	-11907 May 13 j 22:27	25°♄45'45	
evening set	-11910 Dec 20 j 15:37	15°♄16'19		behind sun end	-11907 May 15 j 01:26	27°♄10'42	
inferior conj	-11910 Dec 25 j 20:24	12°♄02'12	6°33'30		-11907 May 17 j 07:12	0°♄	

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11907 Jun 10 j 02:12	0°Υ				-11905 Nov 23 j 23:00	0°Ω	
evening rise	-11907 Jun 21 j 21:59	14°Υ54'45		morning max el	-11905 Dec 24 j 05:33	24°Ω21'07	46°01'04	
	-11907 Jul 03 j 21:31	0°Ϡ			-11905 Dec 30 j 00:59	0°ϯ		
	-11907 Jul 27 j 19:29	0°Π			-11904 Jan 27 j 16:04	0°Ω		
	-11907 Aug 20 j 22:06	0°ϣ		desc. node	-11904 Feb 15 j 05:58	20°Ω43'33		
desc. node	-11907 Aug 30 j 03:12	11°ϣ23'06			-11904 Feb 23 j 08:39	0°ϯ		
	-11907 Sep 14 j 06:57	0°Ω			-11904 Mar 19 j 23:06	0°Ϡ		
	-11907 Oct 09 j 00:06	0°ϯ			-11904 Apr 13 j 19:05	0°ϣ		
	-11907 Nov 03 j 06:33	0°Ω			-11904 May 08 j 01:52	0°≈		
	-11907 Nov 29 j 15:47	0°ϯ			-11904 May 31 j 23:58	0°Ϡ		
asc. node	-11907 Dec 19 j 11:25	20°ϯ53'00		asc. node	-11904 Jun 05 j 05:56	5°Ϡ21'28		
evening max el	-11907 Dec 25 j 20:57	27°ϯ08'41	44°49'43	greatest brilliancy	-11904 Jun 08 j 05:42	9°Ϡ07'58	-3.9m	
	-11907 Dec 28 j 21:40	0°Ϡ		morning set	-11904 Jun 17 j 09:04	20°Ϡ41'26		
greatest brilliancy	-11906 Feb 01 j 08:20	24°Ϡ03'58	-4.7m		-11904 Jun 24 j 17:33	0°Υ		
retrograde	-11906 Feb 11 j 18:35	25°Ϡ58'37			-11904 Jul 18 j 10:12	0°Ϡ		
evening set	-11906 Feb 28 j 19:01	20°Ϡ37'34						
inferior conj	-11906 Mar 05 j 01:53	18°Ϡ03'41	7°10'14	superior conj	-11904 Jul 27 j 22:50	12°Ϡ02'20	1°22'44	
minimum elong	-11906 Mar 05 j 09:38	17°Ϡ51'49	7°08'33	minimum elong	-11904 Jul 27 j 20:33	11°Ϡ55'09	1°23'10	
min. Earth dist.	-11906 Mar 06 j 08:28	17°Ϡ16'55	0.28754 AU	max. Earth dist.	-11904 Aug 02 j 14:42	19°Ϡ10'47	1.70872 AU	
morning rise	-11906 Mar 09 j 23:47	15°Ϡ07'06			-11904 Aug 11 j 04:57	0°Π		
direct	-11906 Mar 26 j 23:46	9°Ϡ46'10			-11904 Sep 04 j 03:53	0°ϣ		
greatest brilliancy	-11906 Apr 07 j 09:30	12°Ϡ05'51	-4.8m	evening rise	-11904 Sep 09 j 04:33	6°ϣ15'48		
desc. node	-11906 Apr 12 j 03:40	14°Ϡ15'17		desc. node	-11904 Sep 26 j 15:03	27°ϣ54'01		
	-11906 May 03 j 23:41	0°ϣ			-11904 Sep 28 j 07:48	0°Ω		
morning max el	-11906 May 16 j 00:58	11°ϣ20'20	46°30'58		-11904 Oct 22 j 16:31	0°ϯ		
	-11906 Jun 02 j 19:57	0°≈			-11904 Nov 16 j 06:04	0°Ω		
	-11906 Jun 29 j 00:41	0°Ϡ			-11904 Dec 11 j 02:30	0°ϯ		
	-11906 Jul 23 j 21:17	0°Υ			-11903 Jan 05 j 11:25	0°Ϡ		
asc. node	-11906 Aug 01 j 07:22	10°Υ21'09		asc. node	-11903 Jan 15 j 21:35	12°Ϡ02'50		
	-11906 Aug 17 j 04:06	0°Ϡ			-11903 Jan 31 j 19:43	0°ϣ		
	-11906 Sep 10 j 06:57	0°Π			-11903 Mar 01 j 04:24	0°≈		
	-11906 Oct 04 j 11:32	0°ϣ		evening max el	-11903 Mar 08 j 06:18	6°≈53'13	45°38'20	
	-11906 Oct 28 j 20:11	0°Ω			-11903 Apr 06 j 00:21	0°Ϡ		
morning set	-11906 Nov 21 j 07:28	28°Ω44'19		greatest brilliancy	-11903 Apr 16 j 14:23	5°Ϡ01'43	-4.8m	
	-11906 Nov 22 j 08:14	0°ϯ		retrograde	-11903 Apr 26 j 08:20	6°Ϡ43'48		
desc. node	-11906 Nov 22 j 15:02	0°ϯ20'47		desc. node	-11903 May 09 j 14:26	3°Ϡ25'31		
	-11906 Dec 16 j 21:16	0°Ω		evening set	-11903 May 10 j 18:41	2°Ϡ50'49		
max. Earth dist.	-11906 Dec 27 j 23:57	13°Ω35'55	1.73836 AU		-11903 May 15 j 22:09	30°Ϡ≈		
				inferior conj	-11903 May 17 j 05:28	29°≈13'58	-1°51'12	
superior conj	-11906 Dec 29 j 21:38	15°Ω55'51	-1°09'27	minimum elong	-11903 May 17 j 01:16	29°≈20'09	1°50'19	
minimum elong	-11906 Dec 29 j 14:13	15°Ω33'06	1°09'26	min. Earth dist.	-11903 May 17 j 12:12	29°≈04'02	0.26641 AU	
	-11905 Jan 10 j 08:59	0°ϯ		morning rise	-11903 May 23 j 07:04	25°≈47'13		
evening rise	-11905 Feb 03 j 14:08	29°ϯ46'00		direct	-11903 Jun 06 j 22:31	21°≈40'12		
	-11905 Feb 03 j 18:40	0°Ϡ		greatest brilliancy	-11903 Jun 18 j 06:09	24°≈01'14	-4.9m	
greatest brilliancy	-11905 Feb 07 j 05:41	4°Ϡ15'32	-3.9m		-11903 Jun 29 j 06:19	0°Ϡ		
	-11905 Feb 28 j 03:20	0°ϣ		morning max el	-11903 Jul 27 j 12:02	24°Ϡ42'57	46°40'25	
asc. node	-11905 Mar 13 j 17:21	16°ϣ43'13			-11903 Aug 01 j 14:15	0°Υ		
	-11905 Mar 24 j 12:42	0°≈		asc. node	-11903 Aug 28 j 20:31	0°Ϡ22'51		
	-11905 Apr 18 j 00:20	0°Ϡ			-11903 Aug 28 j 12:38	0°Ϡ		
	-11905 May 12 j 15:52	0°Υ			-11903 Sep 22 j 22:30	0°Π		
	-11905 Jun 06 j 14:27	0°Ϡ			-11903 Oct 17 j 21:21	0°ϣ		
	-11905 Jul 02 j 03:42	0°Π			-11903 Nov 11 j 18:32	0°Ω		
desc. node	-11905 Jul 05 j 08:06	3°Π39'17			-11903 Dec 06 j 16:14	0°ϯ		
	-11905 Jul 29 j 03:54	0°ϣ		desc. node	-11903 Dec 20 j 04:49	16°ϯ18'21		
evening max el	-11905 Aug 04 j 07:53	6°ϣ24'56	47°38'18		-11903 Dec 31 j 12:44	0°Ω		
	-11905 Aug 30 j 11:55	0°Ω			-11902 Jan 25 j 05:18	0°ϯ		
greatest brilliancy	-11905 Sep 14 j 05:30	8°Ω27'31	-4.9m	morning set	-11902 Jan 29 j 22:52	5°ϯ46'54		
retrograde	-11905 Sep 24 j 12:46	10°Ω30'14			-11902 Feb 18 j 16:26	0°Ϡ		
evening set	-11905 Oct 09 j 16:36	5°Ω45'54		max. Earth dist.	-11902 Mar 01 j 14:10	13°Ϡ27'48	1.73117 AU	
inferior conj	-11905 Oct 15 j 11:20	2°Ω08'35	-2°10'48					
minimum elong	-11905 Oct 15 j 15:43	2°Ω01'30	2°08'55	superior conj	-11902 Mar 06 j 03:51	19°Ϡ07'08	-1°08'00	
min. Earth dist.	-11905 Oct 14 j 22:30	2°Ω29'23	0.28016 AU	minimum elong	-11902 Mar 06 j 10:45	19°Ϡ28'30	1°08'29	
	-11905 Oct 18 j 20:04	30°Ϡϣ			-11902 Mar 14 j 22:31	0°ϣ		
morning rise	-11905 Oct 21 j 15:45	28°ϣ20'00			-11902 Apr 08 j 01:12	0°≈		
asc. node	-11905 Oct 24 j 17:15	26°ϣ45'34		evening rise	-11902 Apr 10 j 08:52	2°≈53'28		
direct	-11905 Nov 05 j 07:22	24°ϣ00'02		asc. node	-11902 Apr 10 j 05:37	2°≈43'21		
greatest brilliancy	-11905 Nov 14 j 08:31	25°ϣ33'02	-4.8m		-11902 May 02 j 02:21	0°Ϡ		

Attention, astronomical year style is used: The year -12399 in astronomical counting style is the year 12400 BCE in historical counting style.

	-11902 May 26 j 03:37	0°♄		desc. node	-11899 Jan 16 j 18:46	2°♌41'34	
	-11902 Jun 19 j 06:43	0°♊			-11899 Feb 08 j 16:33	0°♍	
	-11902 Jul 13 j 14:09	0°♈			-11899 Mar 05 j 10:44	0°♊	
desc. node	-11902 Aug 01 j 18:30	23°♈23'52			-11899 Mar 29 j 19:35	0°♊	
	-11902 Aug 07 j 05:37	0°♋		morning set	-11899 Apr 06 j 05:55	9°♈13'39	
	-11902 Sep 01 j 11:29	0°♎			-11899 Apr 22 j 21:16	0°♌	
	-11902 Sep 27 j 22:55	0°♍		asc. node	-11899 May 07 j 18:31	18°♌40'55	
evening max el	-11902 Oct 13 j 17:17	16°♍31'45	45°56'14	max. Earth dist.	-11899 May 09 j 04:51	20°♌28'52	1.71402 AU
	-11902 Oct 28 j 01:22	0°♌					
greatest brilliancy	-11902 Nov 20 j 20:45	15°♌54'28	-4.7m	superior conj	-11899 May 12 j 07:14	24°♌22'48	0°10'32
asc. node	-11902 Nov 21 j 03:43	16°♌01'22		minimum elong	-11899 May 12 j 05:09	24°♌16'12	0°10'01
retrograde	-11902 Dec 02 j 04:58	18°♌18'24		behind sun begin	-11899 May 11 j 10:43	23°♌18'13	
evening set	-11902 Dec 18 j 06:56	13°♌12'13		behind sun end	-11899 May 12 j 23:34	25°♌14'11	
inferior conj	-11902 Dec 23 j 14:00	9°♌54'44	6°22'43		-11899 May 16 j 18:23	0°♈	
minimum elong	-11902 Dec 23 j 05:30	10°♌08'21	6°21'09		-11899 Jun 09 j 13:29	0°♄	
min. Earth dist.	-11902 Dec 23 j 11:21	9°♌59'00	0.29472 AU	evening rise	-11899 Jun 19 j 10:41	12°♄27'39	
morning rise	-11902 Dec 28 j 04:10	7°♌01'41			-11899 Jul 03 j 08:57	0°♊	
direct	-11901 Jan 14 j 08:47	1°♌21'58			-11899 Jul 27 j 07:07	0°♈	
greatest brilliancy	-11901 Jan 23 j 20:12	2°♌58'47	-4.7m		-11899 Aug 20 j 09:58	0°♋	
	-11901 Mar 03 j 05:42	0°♍		desc. node	-11899 Aug 29 j 05:25	10°♋53'04	
morning max el	-11901 Mar 04 j 07:45	1°♍01'36	46°06'50		-11899 Sep 13 j 19:08	0°♎	
desc. node	-11901 Mar 14 j 18:21	11°♍18'48			-11899 Oct 08 j 12:47	0°♍	
	-11901 Apr 01 j 09:54	0°♊			-11899 Nov 02 j 20:17	0°♌	
	-11901 Apr 27 j 19:05	0°♊			-11899 Nov 29 j 08:02	0°♍	
	-11901 May 22 j 20:41	0°♌		asc. node	-11899 Dec 18 j 13:47	20°♍07'37	
	-11901 Jun 16 j 04:32	0°♈		evening max el	-11899 Dec 23 j 12:23	24°♍56'43	44°50'07
asc. node	-11901 Jul 03 j 19:54	22°♈05'14			-11899 Dec 28 j 22:19	0°♊	
	-11901 Jul 10 j 02:45	0°♄					
	-11901 Aug 02 j 21:15	0°♊					
	-11901 Aug 26 j 16:34	0°♈					
morning set	-11901 Sep 03 j 15:51	10°♈00'10					
	-11901 Sep 19 j 15:47	0°♋					
	-11901 Oct 13 j 19:55	0°♎					
superior conj	-11901 Oct 16 j 01:33	2°♎45'44	0°20'19				
minimum elong	-11901 Oct 16 j 06:52	3°♎02'10	0°20'39				
max. Earth dist.	-11901 Oct 20 j 21:14	8°♎42'49	1.72728 AU				
desc. node	-11901 Oct 25 j 03:42	13°♎58'42					
	-11901 Nov 07 j 04:06	0°♍					
evening rise	-11901 Nov 25 j 14:51	22°♍39'20					
	-11901 Dec 01 j 14:35	0°♌					
	-11901 Dec 26 j 02:30	0°♍					
	-11900 Jan 19 j 16:54	0°♊					
asc. node	-11900 Feb 13 j 08:17	29°♊47'05					
	-11900 Feb 13 j 12:36	0°♊					
	-11900 Mar 09 j 17:11	0°♌					
	-11900 Apr 04 j 11:22	0°♈					
	-11900 May 01 j 05:45	0°♄					
evening max el	-11900 May 21 j 01:38	20°♄45'23	47°27'50				
	-11900 May 30 j 16:20	0°♊					
desc. node	-11900 Jun 06 j 00:30	5°♊39'35					
greatest brilliancy	-11900 Jul 01 j 12:46	22°♊04'31	-4.9m				
retrograde	-11900 Jul 10 j 21:51	23°♊45'24					
evening set	-11900 Jul 28 j 15:52	17°♊39'59					
min. Earth dist.	-11900 Jul 30 j 21:03	16°♊18'59	0.26708 AU				
inferior conj	-11900 Jul 31 j 15:26	15°♊50'43	-8°48'28				
minimum elong	-11900 Jul 31 j 15:48	15°♊50'09	8°48'00				
morning rise	-11900 Aug 03 j 15:52	14°♊00'42					
direct	-11900 Aug 20 j 19:02	8°♊15'26					
greatest brilliancy	-11900 Aug 30 j 11:27	10°♊04'22	-4.9m				
asc. node	-11900 Sep 25 j 08:22	27°♊13'47					
	-11900 Sep 28 j 10:31	0°♈					
morning max el	-11900 Oct 09 j 22:25	11°♈03'10	46°20'57				
	-11900 Oct 27 j 23:40	0°♋					
	-11900 Nov 23 j 20:36	0°♎					
	-11900 Dec 19 j 21:43	0°♍					
	-11899 Jan 14 j 12:06	0°♌					