Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

conjunction	-9399 Dec 11 j 11:28	15°♎03'23	-1°00'16
minimum elong	-9399 Dec 11 j 08:50	14°♎58'34	1°00'20
	-9398 Jan 01 j 04:28	0°♏	
max. Earth dist.	-9398 Jan 21 j 03:01	14°♏03'05	2.50374 AU
morning rise	-9398 Feb 07 j 21:22	26°♏17'52	
	-9398 Feb 13 j 08:00	0°♐	
	-9398 Mar 30 j 16:25	0°♑	
	-9398 May 17 j 07:41	0°♒	
	-9398 Jul 07 j 02:21	0°♓	
asc. node	-9398 Aug 24 j 04:49	24°♓51'06	
	-9398 Sep 05 j 04:26	0°♈	
retrograde	-9398 Oct 23 j 20:24	11°♈25'49	
opposition	-9398 Nov 29 j 17:08	3°♈16'37	3°52'29
greatest brilliancy	-9398 Nov 30 j 11:55	2°♈58'50	-1.7m
min. Earth dist.	-9398 Dec 06 j 02:51	0°♈51'26	0.58106 AU
	-9398 Dec 08 j 10:50	30°℞♓	
direct	-9397 Jan 08 j 23:46	23°♓36'32	
	-9397 Feb 11 j 10:35	0°♈	
	-9397 Apr 11 j 11:27	0°♉	
	-9397 May 26 j 04:15	0°♊	
	-9397 Jul 05 j 21:41	0°♋	
desc. node	-9397 Jul 25 j 12:40	14°♋56'14	
	-9397 Aug 14 j 03:26	0°♌	
	-9397 Sep 22 j 06:42	0°♍	
	-9397 Nov 01 j 07:20	0°♎	
evening set	-9397 Dec 09 j 11:34	27°♎34'55	
	-9397 Dec 12 j 21:41	0°♏	
	-9396 Jan 25 j 09:30	0°♐	
conjunction	-9396 Feb 01 j 18:02	4°♐56'47	-1°10'16
minimum elong	-9396 Feb 01 j 19:01	4°♐58'25	1°10'44
max. Earth dist.	-9396 Feb 23 j 21:02	19°♐38'11	2.60634 AU
	-9396 Mar 10 j 17:21	0°♑	
morning rise	-9396 Mar 23 j 22:25	8°♑33'15	
	-9396 Apr 26 j 12:19	0°♒	
	-9396 Jun 13 j 09:58	0°♓	
asc. node	-9396 Jul 11 j 00:13	16°♓56'32	
	-9396 Aug 01 j 16:50	0°♈	
	-9396 Sep 23 j 17:04	0°♉	
retrograde	-9396 Dec 15 j 09:13	27°♉46'22	
opposition	-9395 Jan 17 j 17:51	21°♉20'31	6°23'45
greatest brilliancy	-9395 Jan 19 j 12:37	20°♉45'26	-2.3m
min. Earth dist.	-9395 Jan 25 j 22:13	18°♉40'17	0.46308 AU
direct	-9395 Feb 23 j 10:04	13°♉31'16	
	-9395 Apr 18 j 23:29	0°♊	
	-9395 Jun 06 j 23:24	0°♋	
desc. node	-9395 Jun 11 j 16:42	3°♋13'17	
	-9395 Jul 19 j 12:02	0°♌	
	-9395 Aug 29 j 16:39	0°♍	
	-9395 Oct 10 j 06:06	0°♎	
	-9395 Nov 22 j 00:58	0°♏	
	-9394 Jan 05 j 09:23	0°♐	
evening set	-9394 Jan 24 j 18:38	12°♐47'58	
	-9394 Feb 20 j 04:30	0°♑	
conjunction	-9394 Mar 15 j 09:09	14°♑56'25	-0°40'42
minimum elong	-9394 Mar 15 j 10:34	14°♑58'42	0°41'16
max. Earth dist.	-9394 Mar 21 j 00:43	18°♑33'48	2.65971 AU
	-9394 Apr 07 j 21:43	0°♒	
morning rise	-9394 May 01 j 19:05	15°♒15'29	
	-9394 May 24 j 20:36	0°♓	
asc. node	-9394 May 28 j 16:45	2°♓27'28	
	-9394 Jul 10 j 13:17	0°♈	
	-9394 Aug 25 j 22:37	0°♉	
	-9394 Oct 11 j 14:29	0°♊	
	-9394 Nov 29 j 07:27	0°♋	
	-9393 Jan 29 j 12:53	0°♌	
retrograde	-9393 Feb 28 j 21:44	5°♌23'54	
opposition	-9393 Mar 31 j 16:45	0°♌12'57	2°18'24
greatest brilliancy	-9393 Mar 31 j 19:38	0°♌11'01	-2.9m
min. Earth dist.	-9393 Mar 31 j 13:38	0°♌15'02	0.38122 AU
	-9393 Apr 01 j 12:06	30°℞♋	
desc. node	-9393 Apr 29 j 20:52	25°♋06'53	
direct	-9393 May 01 j 04:29	25°♋06'12	
	-9393 May 29 j 13:36	0°♌	
	-9393 Jul 29 j 05:33	0°♍	
	-9393 Sep 14 j 23:25	0°♎	
	-9393 Oct 31 j 02:16	0°♏	
	-9393 Dec 16 j 10:28	0°♐	
	-9392 Feb 01 j 09:06	0°♑	
evening set	-9392 Mar 05 j 11:37	21°♑02'15	
	-9392 Mar 19 j 13:46	0°♒	
max. Earth dist.	-9392 Apr 13 j 07:29	15°♒48'21	2.65951 AU
asc. node	-9392 Apr 14 j 10:03	16°♒30'57	
conjunction	-9392 Apr 22 j 06:01	21°♒32'53	0°04'37
minimum elong	-9392 Apr 22 j 05:49	21°♒32'35	0°04'12
behind sun begin	-9392 Apr 21 j 10:49	21°♒02'02	
behind sun end	-9392 Apr 23 j 00:49	22°♒03'08	
	-9392 May 05 j 08:12	0°♓	
morning rise	-9392 Jun 07 j 15:18	21°♓45'38	
	-9392 Jun 20 j 01:38	0°♈	
	-9392 Aug 03 j 10:31	0°♉	
	-9392 Sep 15 j 12:28	0°♊	
	-9392 Oct 27 j 15:44	0°♋	
	-9392 Dec 08 j 12:25	0°♌	
	-9391 Jan 20 j 12:10	0°♍	
	-9391 Mar 10 j 04:04	0°♎	
desc. node	-9391 Mar 16 j 23:29	3°♎30'36	
retrograde	-9391 May 05 j 20:02	17°♎49'52	
min. Earth dist.	-9391 Jun 02 j 20:59	12°♎33'19	0.45817 AU
greatest brilliancy	-9391 Jun 09 j 12:12	10°♎17'59	-2.4m
opposition	-9391 Jun 10 j 23:01	9°♎48'06	-4°59'11
direct	-9391 Jul 13 j 15:09	3°♎14'37	
	-9391 Sep 30 j 13:16	0°♏	
	-9391 Nov 22 j 14:42	0°♐	
	-9390 Jan 11 j 09:00	0°♑	
	-9390 Feb 28 j 20:05	0°♒	
asc. node	-9390 Mar 02 j 07:00	0°♒54'43	
evening set	-9390 Apr 13 j 16:35	27°♒52'22	
	-9390 Apr 16 j 23:35	0°♓	
max. Earth dist.	-9390 May 09 j 03:14	14°♓28'10	2.60649 AU
conjunction	-9390 May 31 j 23:03	29°♓41'02	0°49'18
minimum elong	-9390 May 31 j 21:27	29°♓38'21	0°49'12
	-9390 Jun 01 j 10:18	0°♈	
	-9390 Jul 14 j 22:57	0°♉	
morning rise	-9390 Jul 19 j 07:24	3°♉04'21	
	-9390 Aug 25 j 16:29	0°♊	
	-9390 Oct 05 j 00:40	0°♋	
	-9390 Nov 13 j 14:43	0°♌	
	-9390 Dec 23 j 06:32	0°♍	
desc. node	-9389 Feb 01 j 21:31	29°♍47'30	
	-9389 Feb 02 j 04:33	0°♎	
	-9389 Mar 18 j 11:47	0°♏	
	-9389 May 13 j 09:24	0°♐	
retrograde	-9389 Jun 20 j 23:57	8°♐39'39	
min. Earth dist.	-9389 Jul 24 j 07:00	1°♐16'24	0.57746 AU
	-9389 Jul 27 j 13:15	30°℞♏	
greatest brilliancy	-9389 Jul 29 j 05:30	29°♏20'28	-1.7m

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

opposition	-9389 Jul 30 j 06:37	28°♏55'51	-5°21'05
direct	-9389 Sep 04 j 16:43	20°♏36'13	
	-9389 Oct 17 j 18:47	0°♐	
	-9389 Dec 18 j 20:38	0°♑	
asc. node	-9388 Jan 18 j 09:09	17°♑20'36	
	-9388 Feb 08 j 17:18	0°♒	
	-9388 Mar 28 j 02:25	0°♓	
	-9388 May 12 j 19:41	0°♈	
evening set	-9388 May 24 j 21:39	8°♈13'03	
max. Earth dist.	-9388 Jun 10 j 07:07	19°♈34'04	2.50650 AU
	-9388 Jun 25 j 01:44	0°♉	
conjunction	-9388 Jul 15 j 15:20	14°♉49'59	1°12'41
minimum elong	-9388 Jul 15 j 15:09	14°♉49'39	1°13'01
	-9388 Aug 05 j 04:36	0°♊	
morning rise	-9388 Sep 08 j 17:39	26°♊09'20	
	-9388 Sep 13 j 17:46	0°♋	
	-9388 Oct 22 j 11:06	0°♌	
	-9388 Nov 30 j 04:40	0°♍	
desc. node	-9388 Dec 19 j 15:18	14°♍50'31	
	-9387 Jan 08 j 20:19	0°♎	
	-9387 Feb 19 j 11:02	0°♏	
	-9387 Apr 05 j 12:59	0°♐	
	-9387 May 28 j 14:02	0°♑	
retrograde	-9387 Jul 27 j 07:39	17°♑14'53	
min. Earth dist.	-9387 Sep 02 j 23:53	8°♑16'09	0.65098 AU
opposition	-9387 Sep 05 j 07:07	7°♑20'30	-3°19'24
greatest brilliancy	-9387 Sep 05 j 01:35	7°♑26'05	-1.4m
	-9387 Sep 26 j 21:52	30°℞♐	
direct	-9387 Oct 14 j 10:41	27°♐58'38	
	-9387 Nov 02 j 06:10	0°♑	
asc. node	-9387 Dec 05 j 13:49	10°♑45'09	
	-9386 Jan 14 j 13:09	0°♒	
	-9386 Mar 07 j 14:21	0°♓	
	-9386 Apr 23 j 11:24	0°♈	
	-9386 Jun 05 j 23:29	0°♉	
evening set	-9386 Jul 14 j 14:07	28°♉13'52	
	-9386 Jul 16 j 22:44	0°♊	
max. Earth dist.	-9386 Aug 17 j 05:19	23°♊50'23	2.39150 AU
	-9386 Aug 25 j 04:13	0°♋	
conjunction	-9386 Sep 11 j 17:56	13°♋41'55	0°40'13
minimum elong	-9386 Sep 11 j 20:54	13°♋47'41	0°40'44
	-9386 Oct 02 j 12:55	0°♌	
desc. node	-9386 Nov 06 j 10:14	27°♌16'47	
	-9386 Nov 09 j 22:22	0°♍	
morning rise	-9386 Nov 15 j 16:14	4°♍26'45	
	-9386 Dec 19 j 05:23	0°♎	
	-9385 Jan 29 j 05:13	0°♏	
	-9385 Mar 13 j 15:31	0°♐	
	-9385 Apr 29 j 12:23	0°♑	
	-9385 Jun 22 j 00:20	0°♒	
retrograde	-9385 Aug 31 j 10:02	21°♒36'23	
opposition	-9385 Oct 09 j 20:01	12°♒08'11	-0°32'43
greatest brilliancy	-9385 Oct 09 j 20:57	12°♒07'16	-1.4m
min. Earth dist.	-9385 Oct 11 j 06:24	11°♒33'47	0.66404 AU
asc. node	-9385 Oct 23 j 18:30	6°♒52'04	
direct	-9385 Nov 19 j 11:55	2°♒13'48	
	-9384 Feb 10 j 05:11	0°♓	
	-9384 Apr 01 j 01:46	0°♈	
	-9384 May 15 j 18:49	0°♉	
	-9384 Jun 26 j 02:52	0°♊	
	-9384 Aug 04 j 10:08	0°♋	
	-9384 Sep 11 j 18:49	0°♌	
evening set	-9384 Sep 14 j 20:15	2°♌24'02	
desc. node	-9384 Sep 23 j 06:10	8°♌59'55	
	-9384 Oct 20 j 04:35	0°♍	
conjunction	-9384 Nov 17 j 04:27	21°♍27'29	-0°39'10
minimum elong	-9384 Nov 17 j 01:32	21°♍21'57	0°38'58
	-9384 Nov 28 j 12:33	0°♎	
max. Earth dist.	-9383 Jan 01 j 17:28	25°♎08'33	2.45385 AU
	-9383 Jan 08 j 11:57	0°♏	
morning rise	-9383 Jan 18 j 04:07	6°♏52'26	
	-9383 Feb 20 j 14:10	0°♐	
	-9383 Apr 07 j 02:15	0°♑	
	-9383 May 25 j 10:25	0°♒	
	-9383 Jul 17 j 18:58	0°♓	
asc. node	-9383 Sep 09 j 20:02	22°♓36'07	
retrograde	-9383 Oct 07 j 04:54	26°♓41'18	
opposition	-9383 Nov 14 j 00:24	18°♓04'01	2°36'41
greatest brilliancy	-9383 Nov 14 j 10:11	17°♓54'32	-1.6m
min. Earth dist.	-9383 Nov 19 j 02:18	16°♓05'56	0.61570 AU
direct	-9383 Dec 24 j 18:59	8°♓09'32	
	-9382 Mar 03 j 13:41	0°♈	
	-9382 Apr 22 j 12:03	0°♉	
	-9382 Jun 04 j 11:45	0°♊	
	-9382 Jul 14 j 12:39	0°♋	
desc. node	-9382 Aug 11 j 05:00	21°♋21'05	
	-9382 Aug 22 j 08:29	0°♌	
	-9382 Sep 30 j 03:54	0°♍	
	-9382 Nov 08 j 21:19	0°♎	
evening set	-9382 Nov 17 j 21:22	6°♎38'48	
	-9382 Dec 20 j 05:15	0°♏	
conjunction	-9381 Jan 13 j 21:06	17°♏15'43	-1°12'48
minimum elong	-9381 Jan 13 j 20:53	17°♏15'22	1°13'11
	-9381 Feb 01 j 12:07	0°♐	
max. Earth dist.	-9381 Feb 12 j 07:45	7°♐17'12	2.57125 AU
morning rise	-9381 Mar 08 j 11:21	23°♐17'19	
	-9381 Mar 18 j 18:10	0°♑	
	-9381 May 04 j 17:34	0°♒	
	-9381 Jun 22 j 08:59	0°♓	
asc. node	-9381 Jul 28 j 17:22	21°♓28'19	
	-9381 Aug 12 j 19:41	0°♈	
	-9381 Oct 14 j 10:29	0°♉	
retrograde	-9381 Nov 23 j 03:30	8°♉04'52	
opposition	-9381 Dec 28 j 02:45	0°♉52'51	5°41'08
greatest brilliancy	-9381 Dec 29 j 14:30	0°♉21'16	-2.0m
	-9381 Dec 30 j 14:30	30°℞♈	
min. Earth dist.	-9380 Jan 05 j 03:54	28°♈03'03	0.51233 AU
direct	-9380 Feb 04 j 16:54	22°♈04'36	
	-9380 Mar 12 j 07:57	0°♉	
	-9380 May 06 j 15:56	0°♊	
	-9380 Jun 19 j 02:00	0°♋	
desc. node	-9380 Jun 28 j 07:47	6°♋44'00	
	-9380 Jul 29 j 15:54	0°♌	
	-9380 Sep 07 j 17:26	0°♍	
	-9380 Oct 18 j 11:37	0°♎	
	-9380 Nov 29 j 16:07	0°♏	
evening set	-9379 Jan 07 j 11:52	26°♏34'34	
	-9379 Jan 12 j 14:16	0°♐	
conjunction	-9379 Feb 27 j 13:01	0°♑15'46	-0°55'04
minimum elong	-9379 Feb 27 j 14:38	0°♑18'24	0°55'37
	-9379 Feb 27 j 03:18	0°♑	
max. Earth dist.	-9379 Mar 11 j 04:56	7°♑48'45	2.64513 AU
	-9379 Apr 14 j 19:21	0°♒	
morning rise	-9379 Apr 17 j 01:49	1°♒26'50	
	-9379 Jun 01 j 00:09	0°♓	
asc. node	-9379 Jun 14 j 11:21	8°♓32'07	
	-9379 Jul 18 j 09:48	0°♈	
	-9379 Sep 04 j 08:17	0°♉	
	-9379 Oct 24 j 13:01	0°♊	
	-9379 Dec 25 j 21:53	0°♋	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

retrograde	-9378 Jan 28 j 09:08	6°♋12'25	
opposition	-9378 Feb 28 j 11:11	0°♋55'03	5°18'11
greatest brilliancy	-9378 Mar 01 j 12:58	0°♋36'56	-2.8m
	-9378 Mar 03 j 17:37	30°℞♊	
min. Earth dist.	-9378 Mar 05 j 06:19	29°♊34'32	0.39785 AU
direct	-9378 Apr 01 j 20:36	25°♊03'30	
	-9378 Apr 29 j 23:47	0°♋	
desc. node	-9378 May 16 j 13:04	6°♋35'18	
	-9378 Jun 27 j 18:48	0°♌	
	-9378 Aug 12 j 12:20	0°♍	
	-9378 Sep 25 j 11:54	0°♎	
	-9378 Nov 08 j 19:13	0°♏	
	-9378 Dec 24 j 03:06	0°♐	
	-9377 Feb 08 j 12:11	0°♑	
evening set	-9377 Feb 19 j 02:06	6°♑46'44	
	-9377 Mar 27 j 10:42	0°♒	
max. Earth dist.	-9377 Apr 04 j 23:22	5°♒26'48	2.66610 AU
conjunction	-9377 Apr 08 j 06:39	7°♒33'29	-0°13'48
minimum elong	-9377 Apr 08 j 07:11	7°♒34'21	0°14'18
behind sun begin	-9377 Apr 07 j 22:47	7°♒20'55	
behind sun end	-9377 Apr 08 j 15:36	7°♒47'48	
asc. node	-9377 May 02 j 04:00	22°♒52'21	
	-9377 May 13 j 05:29	0°♓	
morning rise	-9377 May 24 j 18:09	7°♓27'30	
	-9377 Jun 28 j 05:38	0°♈	
	-9377 Aug 12 j 04:33	0°♉	
	-9377 Sep 25 j 05:20	0°♊	
	-9377 Nov 07 j 18:41	0°♋	
	-9377 Dec 21 j 21:42	0°♌	
	-9376 Feb 07 j 23:06	0°♍	
desc. node	-9376 Apr 02 j 16:03	21°♍29'10	
retrograde	-9376 Apr 12 j 22:15	22°♍12'10	
min. Earth dist.	-9376 May 09 j 22:51	17°♍33'10	0.41335 AU
opposition	-9376 May 16 j 20:03	15°♍27'08	-3°07'55
greatest brilliancy	-9376 May 15 j 23:16	15°♍43'05	-2.7m
direct	-9376 Jun 16 j 21:40	9°♍44'49	
	-9376 Aug 21 j 04:12	0°♎	
	-9376 Oct 13 j 14:53	0°♏	
	-9376 Dec 01 j 19:17	0°♐	
	-9375 Jan 19 j 02:49	0°♑	
	-9375 Mar 07 j 22:53	0°♒	
asc. node	-9375 Mar 18 j 23:27	6°♒58'48	
evening set	-9375 Mar 29 j 08:11	13°♒34'32	
	-9375 Apr 23 j 21:30	0°♓	
max. Earth dist.	-9375 Apr 28 j 14:31	3°♓03'23	2.63356 AU
conjunction	-9375 May 16 j 02:20	14°♓29'56	0°33'03
minimum elong	-9375 May 16 j 01:08	14°♓27'57	0°32'48
	-9375 Jun 08 j 09:50	0°♈	
morning rise	-9375 Jul 02 j 05:27	16°♈10'02	
	-9375 Jul 22 j 04:51	0°♉	
	-9375 Sep 02 j 08:27	0°♊	
	-9375 Oct 13 j 05:12	0°♋	
	-9375 Nov 22 j 09:32	0°♌	
	-9374 Jan 01 j 18:58	0°♍	
	-9374 Feb 12 j 22:30	0°♎	
desc. node	-9374 Feb 18 j 16:08	3°♎53'13	
	-9374 Apr 01 j 19:59	0°♏	
retrograde	-9374 Jun 04 j 14:51	21°♏09'47	
min. Earth dist.	-9374 Jul 05 j 20:39	14°♏34'06	0.53423 AU
greatest brilliancy	-9374 Jul 11 j 17:00	12°♏21'21	-1.9m
opposition	-9374 Jul 13 j 02:01	11°♏50'02	-5°41'13
direct	-9374 Aug 17 j 02:58	4°♏05'49	
	-9374 Nov 04 j 01:56	0°♐	
	-9374 Dec 28 j 10:18	0°♑	
asc. node	-9373 Feb 03 j 23:16	22°♑20'13	
	-9373 Feb 16 j 12:36	0°♒	
	-9373 Apr 05 j 07:09	0°♓	
evening set	-9373 May 08 j 19:32	21°♓55'14	
	-9373 May 20 j 20:46	0°♈	
max. Earth dist.	-9373 May 27 j 22:36	4°♈47'51	2.55073 AU
conjunction	-9373 Jun 27 j 17:26	26°♈07'45	1°08'02
minimum elong	-9373 Jun 27 j 16:10	26°♈05'32	1°08'14
	-9373 Jul 03 j 04:42	0°♉	
	-9373 Aug 13 j 12:30	0°♊	
morning rise	-9373 Aug 18 j 10:10	3°♊38'35	
	-9373 Sep 22 j 07:54	0°♋	
	-9373 Oct 31 j 07:33	0°♌	
	-9373 Dec 09 j 07:13	0°♍	
desc. node	-9372 Jan 06 j 12:54	21°♍19'38	
	-9372 Jan 18 j 05:58	0°♎	
	-9372 Feb 29 j 10:06	0°♏	
	-9372 Apr 16 j 03:52	0°♐	
	-9372 Jun 20 j 05:18	0°♑	
retrograde	-9372 Jul 13 j 09:07	3°♑15'45	
	-9372 Aug 04 j 02:18	30°℞♐	
min. Earth dist.	-9372 Aug 18 j 11:55	24°♐50'10	0.62909 AU
opposition	-9372 Aug 22 j 06:38	23°♐19'15	-4°14'21
greatest brilliancy	-9372 Aug 21 j 18:27	23°♐31'28	-1.5m
direct	-9372 Sep 29 j 12:25	14°♐17'34	
	-9372 Nov 27 j 08:33	0°♑	
asc. node	-9372 Dec 22 j 02:59	11°♑53'02	
	-9371 Jan 24 j 11:54	0°♒	
	-9371 Mar 15 j 14:37	0°♓	
	-9371 Apr 30 j 21:42	0°♈	
	-9371 Jun 13 j 06:11	0°♉	
evening set	-9371 Jun 23 j 11:23	7°♉19'59	
max. Earth dist.	-9371 Jul 11 j 14:50	20°♉35'45	2.43264 AU
	-9371 Jul 24 j 06:09	0°♊	
conjunction	-9371 Aug 18 j 07:21	18°♊59'57	1°01'37
minimum elong	-9371 Aug 18 j 09:47	19°♊04'36	1°02'09
	-9371 Sep 01 j 13:59	0°♋	
	-9371 Oct 10 j 01:16	0°♌	
morning rise	-9371 Oct 18 j 21:36	6°♌55'18	
	-9371 Nov 17 j 12:55	0°♍	
desc. node	-9371 Nov 23 j 06:24	4°♍25'26	
	-9371 Dec 26 j 21:47	0°♎	
	-9370 Feb 06 j 00:32	0°♏	
	-9370 Mar 21 j 19:32	0°♐	
	-9370 May 08 j 22:04	0°♑	
	-9370 Jul 08 j 05:07	0°♒	
retrograde	-9370 Aug 17 j 17:39	8°♒35'28	
	-9370 Sep 23 j 18:20	30°℞♑	
opposition	-9370 Sep 26 j 12:07	28°♑53'56	-1°40'39
min. Earth dist.	-9370 Sep 26 j 11:21	28°♑54'43	0.66619 AU
greatest brilliancy	-9370 Sep 26 j 12:34	28°♑53'29	-1.4m
direct	-9370 Nov 05 j 17:34	19°♑09'05	
asc. node	-9370 Nov 09 j 08:06	19°♑13'52	
	-9370 Dec 22 j 23:51	0°♒	
	-9369 Feb 20 j 20:59	0°♓	
	-9369 Apr 10 j 13:17	0°♈	
	-9369 May 24 j 15:13	0°♉	
	-9369 Jul 04 j 18:17	0°♊	
	-9369 Aug 12 j 23:47	0°♋	
evening set	-9369 Aug 20 j 23:07	6°♋12'30	
	-9369 Sep 20 j 07:27	0°♌	
desc. node	-9369 Oct 11 j 00:41	16°♌15'10	
conjunction	-9369 Oct 23 j 02:23	25°♌40'21	-0°09'13
minimum elong	-9369 Oct 23 j 01:33	25°♌38'44	0°08'49
behind sun begin	-9369 Oct 22 j 02:07	24°♌53'09	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

behind sun end	-9369 Oct 24 j 00:59	26°♌24'16	
	-9369 Oct 28 j 16:06	0°♍	
max. Earth dist.	-9369 Dec 03 j 20:00	27°♍39'51	2.40608 AU
	-9369 Dec 06 j 22:36	0°♎	
morning rise	-9369 Dec 26 j 22:46	14°♎50'47	
	-9368 Jan 16 j 20:43	0°♏	
	-9368 Feb 28 j 23:52	0°♐	
	-9368 Apr 14 j 19:22	0°♑	
	-9368 Jun 03 j 07:16	0°♒	
	-9368 Jul 31 j 22:55	0°♓	
retrograde	-9368 Sep 21 j 20:36	12°♓49'39	
asc. node	-9368 Sep 26 j 11:41	12°♓41'21	
opposition	-9368 Oct 30 j 10:26	3°♓49'16	1°21'20
greatest brilliancy	-9368 Oct 30 j 13:56	3°♓45'49	-1.5m
min. Earth dist.	-9368 Nov 03 j 02:29	2°♓22'31	0.64178 AU
	-9368 Nov 09 j 08:02	30°℞♒	
direct	-9368 Dec 10 j 08:53	23°♒49'51	
	-9367 Jan 13 j 02:26	0°♓	
	-9367 Mar 16 j 02:55	0°♈	
	-9367 May 01 j 23:33	0°♉	
	-9367 Jun 13 j 01:44	0°♊	
	-9367 Jul 22 j 17:08	0°♋	
desc. node	-9367 Aug 27 j 22:39	28°♋10'30	
	-9367 Aug 30 j 06:44	0°♌	
	-9367 Oct 07 j 20:44	0°♍	
evening set	-9367 Oct 25 j 04:46	13°♍17'12	
	-9367 Nov 16 j 08:53	0°♎	
conjunction	-9367 Dec 24 j 04:10	27°♎37'44	-1°07'31
minimum elong	-9367 Dec 24 j 02:20	27°♎34'27	1°07'42
	-9367 Dec 27 j 11:53	0°♏	
max. Earth dist.	-9366 Jan 30 j 02:51	23°♏30'15	2.52931 AU
	-9366 Feb 08 j 15:22	0°♐	
morning rise	-9366 Feb 18 j 17:43	6°♐48'59	
	-9366 Mar 25 j 21:29	0°♑	
	-9366 May 12 j 04:58	0°♒	
	-9366 Jun 30 j 23:42	0°♓	
asc. node	-9366 Aug 14 j 10:56	24°♓32'12	
	-9366 Aug 25 j 10:05	0°♈	
retrograde	-9366 Nov 03 j 04:15	20°♈53'27	
opposition	-9366 Dec 09 j 10:45	13°♈02'44	4°34'46
greatest brilliancy	-9366 Dec 10 j 11:34	12°♈39'42	-1.8m
min. Earth dist.	-9366 Dec 16 j 13:07	10°♈25'11	0.55820 AU
direct	-9365 Jan 18 j 06:34	3°♈36'36	
	-9365 Apr 03 j 02:39	0°♉	
	-9365 May 19 j 18:07	0°♊	
	-9365 Jun 30 j 04:06	0°♋	
desc. node	-9365 Jul 16 j 00:00	11°♋54'25	
	-9365 Aug 08 j 18:40	0°♌	
	-9365 Sep 17 j 04:14	0°♍	
	-9365 Oct 27 j 09:37	0°♎	
	-9365 Dec 08 j 03:33	0°♏	
evening set	-9365 Dec 20 j 20:03	8°♏51'58	
	-9364 Jan 20 j 17:46	0°♐	
conjunction	-9364 Feb 11 j 19:30	14°♐43'53	-1°06'01
minimum elong	-9364 Feb 11 j 20:53	14°♐46'10	1°06'32
max. Earth dist.	-9364 Mar 01 j 02:56	26°♐45'36	2.62232 AU
	-9364 Mar 06 j 02:18	0°♑	
morning rise	-9364 Apr 01 j 21:53	17°♑18'36	
	-9364 Apr 21 j 19:09	0°♒	
	-9364 Jun 08 j 09:22	0°♓	
asc. node	-9364 Jul 01 j 05:49	14°♓14'08	
	-9364 Jul 26 j 20:09	0°♈	
	-9364 Sep 15 j 08:52	0°♉	
	-9364 Nov 13 j 19:32	0°♊	
retrograde	-9364 Dec 30 j 05:50	10°♊47'09	
opposition	-9363 Jan 31 j 14:58	4°♊48'28	6°25'22
greatest brilliancy	-9363 Feb 02 j 08:48	4°♊15'49	-2.5m
min. Earth dist.	-9363 Feb 08 j 04:59	2°♊27'10	0.43649 AU
	-9363 Feb 17 j 04:00	30°℞♉	
direct	-9363 Mar 07 j 21:37	27°♉40'09	
	-9363 Mar 26 j 15:03	0°♊	
	-9363 May 28 j 15:05	0°♋	
desc. node	-9363 Jun 02 j 04:02	2°♋52'11	
	-9363 Jul 12 j 08:35	0°♌	
	-9363 Aug 23 j 13:37	0°♍	
	-9363 Oct 04 j 18:04	0°♎	
	-9363 Nov 16 j 22:51	0°♏	
	-9363 Dec 31 j 13:55	0°♐	
evening set	-9362 Feb 03 j 05:23	22°♐01'58	
	-9362 Feb 15 j 12:53	0°♑	
conjunction	-9362 Mar 24 j 04:53	23°♑32'31	-0°31'18
minimum elong	-9362 Mar 24 j 06:02	23°♑34'21	0°31'49
max. Earth dist.	-9362 Mar 26 j 13:38	25°♑03'16	2.66437 AU
	-9362 Apr 03 j 07:15	0°♒	
morning rise	-9362 May 10 j 03:56	23°♒34'39	
asc. node	-9362 May 18 j 22:20	29°♒12'03	
	-9362 May 20 j 04:11	0°♓	
	-9362 Jul 05 j 14:05	0°♈	
	-9362 Aug 20 j 09:09	0°♉	
	-9362 Oct 04 j 21:01	0°♊	
	-9362 Nov 19 j 23:53	0°♋	
	-9361 Jan 08 j 20:05	0°♌	
retrograde	-9361 Mar 17 j 18:06	22°♌54'18	
min. Earth dist.	-9361 Apr 15 j 08:15	18°♌12'33	0.38477 AU
opposition	-9361 Apr 18 j 09:50	17°♌21'46	0°09'31
greatest brilliancy	-9361 Apr 18 j 09:39	17°♌21'54	-2.9m
desc. node	-9361 Apr 20 j 09:47	16°♌48'51	
direct	-9361 May 18 j 14:55	12°♌14'48	
	-9361 Jul 16 j 18:42	0°♍	
	-9361 Sep 07 j 08:38	0°♎	
	-9361 Oct 25 j 02:01	0°♏	
	-9361 Dec 11 j 04:39	0°♐	
	-9360 Jan 27 j 12:53	0°♑	
evening set	-9360 Mar 14 j 05:30	29°♑33'24	
	-9360 Mar 14 j 22:15	0°♒	
asc. node	-9360 Apr 04 j 15:26	13°♒12'06	
max. Earth dist.	-9360 Apr 18 j 21:19	22°♒20'25	2.65253 AU
conjunction	-9360 Apr 30 j 21:12	0°♓05'05	0°15'15
minimum elong	-9360 Apr 30 j 20:38	0°♓04'10	0°14'53
behind sun begin	-9360 Apr 30 j 13:46	29°♒53'03	
behind sun end	-9360 May 01 j 03:29	0°♓15'16	
	-9360 Apr 30 j 18:03	0°♓	
	-9360 Jun 15 j 09:31	0°♈	
morning rise	-9360 Jun 16 j 09:18	0°♈39'43	
	-9360 Jul 29 j 13:10	0°♉	
	-9360 Sep 10 j 06:15	0°♊	
	-9360 Oct 21 j 20:56	0°♋	
	-9360 Dec 01 j 23:38	0°♌	
	-9359 Jan 12 j 16:53	0°♍	
	-9359 Feb 26 j 14:51	0°♎	
desc. node	-9359 Mar 07 j 11:07	5°♎20'24	
	-9359 May 05 j 02:58	0°♏	
retrograde	-9359 May 17 j 07:26	1°♏02'02	
	-9359 May 29 j 04:12	30°℞♎	
min. Earth dist.	-9359 Jun 15 j 10:29	25°♎17'43	0.48541 AU
greatest brilliancy	-9359 Jun 21 j 21:48	22°♎59'09	-2.2m
opposition	-9359 Jun 23 j 10:30	22°♎26'10	-5°29'06
direct	-9359 Jul 26 j 22:31	15°♎25'38	
	-9359 Sep 19 j 12:48	0°♏	
	-9359 Nov 16 j 01:16	0°♐	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9358 Jan 06 j 00:33	0°♉	
asc. node	-9358 Feb 20 j 13:26	27°♉52'29	
	-9358 Feb 23 j 23:27	0°♒	
	-9358 Apr 12 j 08:05	0°♓	
evening set	-9358 Apr 22 j 16:15	6°♓42'20	
max. Earth dist.	-9358 May 15 j 14:49	21°♓48'45	2.58861 AU
	-9358 May 27 j 20:04	0°♈	
conjunction	-9358 Jun 10 j 09:10	9°♈11'58	0°57'22
minimum elong	-9358 Jun 10 j 07:32	9°♈09'11	0°57'22
	-9358 Jul 10 j 07:20	0°♉	
morning rise	-9358 Jul 29 j 16:16	13°♉49'16	
	-9358 Aug 20 j 21:21	0°♊	
	-9358 Sep 30 j 00:41	0°♋	
	-9358 Nov 08 j 08:43	0°♌	
	-9358 Dec 17 j 17:23	0°♍	
desc. node	-9357 Jan 23 j 07:35	27°♍11'52	
	-9357 Jan 27 j 04:15	0°♎	
	-9357 Mar 11 j 09:22	0°♏	
	-9357 Apr 30 j 20:23	0°♐	
retrograde	-9357 Jun 29 j 18:58	18°♐16'08	
min. Earth dist.	-9357 Aug 03 j 03:32	10°♐29'15	0.59822 AU
opposition	-9357 Aug 08 j 09:04	8°♐25'05	-5°00'34
greatest brilliancy	-9357 Aug 07 j 12:47	8°♐45'09	-1.6m
	-9357 Sep 09 j 03:43	30°℞♏	
direct	-9357 Sep 14 j 12:20	29°♏48'49	
	-9357 Sep 19 j 23:48	0°♐	
	-9357 Dec 11 j 19:19	0°♑	
asc. node	-9356 Jan 08 j 16:26	15°♑11'16	
	-9356 Feb 03 j 06:42	0°♒	
	-9356 Mar 23 j 04:52	0°♓	
	-9356 May 08 j 03:05	0°♈	
evening set	-9356 Jun 04 j 05:13	18°♈33'52	
max. Earth dist.	-9356 Jun 19 j 22:43	29°♈38'58	2.48069 AU
	-9356 Jun 20 j 10:32	0°♉	
conjunction	-9356 Jul 27 j 04:51	26°♉46'23	1°11'37
minimum elong	-9356 Jul 27 j 05:36	26°♉47'45	1°12'03
	-9356 Jul 31 j 12:49	0°♊	
	-9356 Sep 09 j 00:18	0°♋	
morning rise	-9356 Sep 22 j 12:01	10°♋26'09	
	-9356 Oct 17 j 15:11	0°♌	
	-9356 Nov 25 j 05:58	0°♍	
desc. node	-9356 Dec 10 j 02:22	11°♍23'44	
	-9355 Jan 03 j 18:01	0°♎	
	-9355 Feb 14 j 02:13	0°♏	
	-9355 Mar 30 j 12:29	0°♐	
	-9355 May 19 j 22:29	0°♑	
retrograde	-9355 Aug 04 j 04:22	25°♑25'49	
min. Earth dist.	-9355 Sep 11 j 15:38	16°♑10'56	0.65899 AU
opposition	-9355 Sep 13 j 03:31	15°♑34'47	-2°44'32
greatest brilliancy	-9355 Sep 13 j 00:48	15°♑37'31	-1.4m
direct	-9355 Oct 22 j 17:51	6°♑03'31	
asc. node	-9355 Nov 25 j 21:29	12°♑09'33	
	-9354 Jan 07 j 01:54	0°♒	
	-9354 Mar 02 j 00:58	0°♓	
	-9354 Apr 18 j 11:22	0°♈	
	-9354 Jun 01 j 04:19	0°♉	
	-9354 Jul 12 j 05:13	0°♊	
evening set	-9354 Jul 27 j 13:32	11°♊36'26	
	-9354 Aug 20 j 11:01	0°♋	
max. Earth dist.	-9354 Sep 25 j 03:59	27°♋55'40	2.38107 AU
conjunction	-9354 Sep 26 j 10:45	28°♋56'04	0°23'37
minimum elong	-9354 Sep 26 j 12:51	29°♋00'11	0°24'07
	-9354 Sep 27 j 19:19	0°♌	
desc. node	-9354 Oct 27 j 20:14	23°♌31'26	
	-9354 Nov 05 j 04:09	0°♍	
morning rise	-9354 Dec 01 j 02:44	19°♍56'20	
	-9354 Dec 14 j 10:19	0°♎	
	-9353 Jan 24 j 08:16	0°♏	
	-9353 Mar 08 j 14:10	0°♐	
	-9353 Apr 23 j 22:06	0°♑	
	-9353 Jun 14 j 09:22	0°♒	
retrograde	-9353 Sep 08 j 09:59	29°♒31'44	
asc. node	-9353 Oct 14 j 02:04	21°♒35'44	
opposition	-9353 Oct 17 j 14:18	20°♒12'18	0°08'19
greatest brilliancy	-9353 Oct 17 j 14:34	20°♒12'02	-1.4m
min. Earth dist.	-9353 Oct 19 j 19:52	19°♒18'56	0.65873 AU
direct	-9353 Nov 27 j 10:36	10°♒14'33	
	-9352 Feb 02 j 01:32	0°♓	
	-9352 Mar 26 j 05:54	0°♈	
	-9352 May 10 j 13:55	0°♉	
	-9352 Jun 21 j 03:36	0°♊	
	-9352 Jul 30 j 13:25	0°♋	
	-9352 Sep 06 j 23:19	0°♌	
desc. node	-9352 Sep 13 j 15:37	5°♌14'05	
evening set	-9352 Sep 29 j 17:38	17°♌48'46	
	-9352 Oct 15 j 09:59	0°♍	
	-9352 Nov 23 j 18:45	0°♎	
conjunction	-9352 Dec 01 j 06:01	5°♎34'12	-0°52'27
minimum elong	-9352 Dec 01 j 03:00	5°♎28'36	0°52'25
	-9351 Jan 03 j 18:28	0°♏	
max. Earth dist.	-9351 Jan 13 j 17:07	7°♏03'49	2.48186 AU
morning rise	-9351 Jan 30 j 06:11	18°♏38'02	
	-9351 Feb 15 j 20:06	0°♐	
	-9351 Apr 02 j 04:23	0°♑	
	-9351 May 20 j 00:42	0°♒	
	-9351 Jul 10 j 15:32	0°♓	
asc. node	-9351 Aug 31 j 03:04	24°♓52'54	
	-9351 Sep 14 j 15:07	0°♈	
retrograde	-9351 Oct 16 j 11:59	5°♈24'22	
	-9351 Nov 14 j 18:48	30°℞♓	
opposition	-9351 Nov 22 j 20:15	27°♓01'48	3°20'16
greatest brilliancy	-9351 Nov 23 j 10:49	26°♓47'51	-1.6m
min. Earth dist.	-9351 Nov 28 j 16:21	24°♓47'55	0.59771 AU
direct	-9350 Jan 02 j 09:56	17°♓13'55	
	-9350 Feb 21 j 01:22	0°♈	
	-9350 Apr 15 j 21:57	0°♉	
	-9350 May 29 j 19:28	0°♊	
	-9350 Jul 09 j 05:34	0°♋	
desc. node	-9350 Aug 01 j 16:52	17°♋58'54	
	-9350 Aug 17 j 06:23	0°♌	
	-9350 Sep 25 j 05:20	0°♍	
	-9350 Nov 04 j 01:36	0°♎	
evening set	-9350 Nov 30 j 10:48	19°♎15'42	
	-9350 Dec 15 j 11:39	0°♏	
conjunction	-9349 Jan 24 j 21:18	28°♏00'12	-1°12'07
minimum elong	-9349 Jan 24 j 21:51	28°♏01'08	1°12'35
	-9349 Jan 27 j 20:01	0°♐	
max. Earth dist.	-9349 Feb 19 j 08:02	15°♐04'02	2.59166 AU
	-9349 Mar 14 j 01:48	0°♑	
morning rise	-9349 Mar 18 j 01:39	2°♑35'40	
	-9349 Apr 29 j 21:42	0°♒	
	-9349 Jun 17 j 01:44	0°♓	
asc. node	-9349 Jul 18 j 23:13	19°♓18'45	
	-9349 Aug 06 j 02:51	0°♈	
	-9349 Sep 30 j 19:25	0°♉	
retrograde	-9349 Dec 05 j 20:53	19°♉18'11	
opposition	-9348 Jan 08 j 23:08	12°♉30'57	6°09'18
greatest brilliancy	-9348 Jan 10 j 15:50	11°♉56'19	-2.2m
min. Earth dist.	-9348 Jan 17 j 05:36	9°♉42'52	0.48528 AU

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

direct	-9348 Feb 15 j 14:53	4°♉12'26	
	-9348 Apr 27 j 06:02	0°♊	
	-9348 Jun 12 j 01:52	0°♋	
desc. node	-9348 Jun 18 j 20:59	4°♋47'52	
	-9348 Jul 23 j 14:09	0°♌	
	-9348 Sep 02 j 04:35	0°♍	
	-9348 Oct 13 j 07:45	0°♎	
	-9348 Nov 24 j 18:27	0°♏	
	-9347 Jan 07 j 20:57	0°♐	
evening set	-9347 Jan 17 j 13:06	6°♐26'10	
	-9347 Feb 22 j 12:15	0°♑	
conjunction	-9347 Mar 08 j 17:53	9°♑12'01	-0°47'03
minimum elong	-9347 Mar 08 j 19:26	9°♑14'31	0°47'36
max. Earth dist.	-9347 Mar 16 j 23:56	14°♑30'41	2.65423 AU
	-9347 Apr 10 j 04:22	0°♒	
morning rise	-9347 Apr 25 j 14:26	9°♒50'22	
	-9347 May 27 j 05:35	0°♓	
asc. node	-9347 Jun 04 j 15:47	5°♓22'22	
	-9347 Jul 13 j 05:08	0°♈	
	-9347 Aug 29 j 05:01	0°♉	
	-9347 Oct 16 j 02:42	0°♊	
	-9347 Dec 07 j 02:53	0°♋	
retrograde	-9346 Feb 15 j 04:18	22°♋41'33	
opposition	-9346 Mar 17 j 19:26	17°♋34'40	3°48'41
greatest brilliancy	-9346 Mar 18 j 07:25	17°♋26'37	-2.9m
min. Earth dist.	-9346 Mar 20 j 02:11	16°♋57'54	0.38508 AU
direct	-9346 Apr 17 j 22:19	12°♋14'46	
desc. node	-9346 May 07 j 01:10	14°♋34'24	
	-9346 Jun 14 j 19:44	0°♌	
	-9346 Aug 04 j 10:28	0°♍	
	-9346 Sep 19 j 03:14	0°♎	
	-9346 Nov 03 j 07:19	0°♏	
	-9346 Dec 19 j 03:03	0°♐	
	-9345 Feb 03 j 18:34	0°♑	
evening set	-9345 Feb 27 j 23:37	15°♑26'22	
	-9345 Mar 22 j 20:07	0°♒	
max. Earth dist.	-9345 Apr 10 j 12:43	11°♒56'14	2.66352 AU
conjunction	-9345 Apr 16 j 21:23	16°♒00'46	-0°03'14
minimum elong	-9345 Apr 16 j 21:33	16°♒01'02	0°03'40
behind sun begin	-9345 Apr 16 j 02:25	15°♒30'23	
behind sun end	-9345 Apr 17 j 16:40	16°♒31'41	
asc. node	-9345 Apr 22 j 08:53	19°♒31'48	
	-9345 May 08 j 14:57	0°♓	
morning rise	-9345 Jun 02 j 06:22	16°♓01'29	
	-9345 Jun 23 j 11:42	0°♈	
	-9345 Aug 07 j 03:13	0°♉	
	-9345 Sep 19 j 14:57	0°♊	
	-9345 Nov 01 j 07:55	0°♋	
	-9345 Dec 13 j 23:49	0°♌	
	-9344 Jan 27 j 11:21	0°♍	
	-9344 Mar 22 j 12:41	0°♎	
desc. node	-9344 Mar 24 j 04:08	0°♎38'28	
retrograde	-9344 Apr 26 j 09:33	7°♎35'22	
min. Earth dist.	-9344 May 23 j 18:50	2°♎38'25	0.43683 AU
greatest brilliancy	-9344 May 30 j 07:22	0°♎31'15	-2.5m
opposition	-9344 May 31 j 13:53	0°♎06'12	-4°21'53
	-9344 May 31 j 21:28	30°℞♍	
direct	-9344 Jul 02 j 12:45	23°♍55'54	
	-9344 Aug 04 j 03:45	0°♎	
	-9344 Oct 05 j 21:40	0°♏	
	-9344 Nov 25 j 23:14	0°♐	
	-9343 Jan 14 j 00:41	0°♑	
	-9343 Mar 03 j 04:55	0°♒	
asc. node	-9343 Mar 09 j 05:19	3°♒47'22	
evening set	-9343 Apr 07 j 03:03	22°♒10'11	
	-9343 Apr 19 j 06:47	0°♓	
max. Earth dist.	-9343 May 04 j 15:38	10°♓00'19	2.61951 AU
conjunction	-9343 May 25 j 02:38	23°♓31'10	0°42'42
minimum elong	-9343 May 25 j 01:10	23°♓28'45	0°42'33
	-9343 Jun 03 j 18:55	0°♈	
morning rise	-9343 Jul 11 j 19:55	26°♈03'12	
	-9343 Jul 17 j 11:19	0°♉	
	-9343 Aug 28 j 09:54	0°♊	
	-9343 Oct 08 j 00:04	0°♋	
	-9343 Nov 16 j 20:05	0°♌	
	-9343 Dec 26 j 18:26	0°♍	
	-9342 Feb 06 j 02:01	0°♎	
desc. node	-9342 Feb 09 j 03:21	2°♎08'35	
	-9342 Mar 23 j 09:44	0°♏	
	-9342 May 28 j 15:12	0°♐	
retrograde	-9342 Jun 14 j 03:53	1°♐48'59	
	-9342 Jun 30 j 01:54	30°℞♏	
min. Earth dist.	-9342 Jul 16 j 13:14	24°♏46'57	0.55889 AU
greatest brilliancy	-9342 Jul 21 j 22:40	22°♏42'03	-1.8m
opposition	-9342 Jul 23 j 03:33	22°♏14'08	-5°32'48
direct	-9342 Aug 27 j 23:47	14°♏09'32	
	-9342 Oct 25 j 09:10	0°♐	
	-9342 Dec 22 j 07:58	0°♑	
asc. node	-9341 Jan 25 j 06:46	19°♑43'03	
	-9341 Feb 11 j 09:23	0°♒	
	-9341 Mar 31 j 12:51	0°♓	
	-9341 May 16 j 05:30	0°♈	
evening set	-9341 May 18 j 10:48	1°♈29'57	
max. Earth dist.	-9341 Jun 04 j 18:19	13°♈19'41	2.52686 AU
	-9341 Jun 28 j 13:32	0°♉	
conjunction	-9341 Jul 08 j 06:58	6°♉57'08	1°11'35
minimum elong	-9341 Jul 08 j 06:13	6°♉55'48	1°11'52
	-9341 Aug 08 j 19:20	0°♊	
morning rise	-9341 Aug 30 j 18:02	16°♊28'32	
	-9341 Sep 17 j 11:49	0°♋	
	-9341 Oct 26 j 07:56	0°♌	
	-9341 Dec 04 j 03:40	0°♍	
desc. node	-9341 Dec 27 j 21:38	18°♍03'41	
	-9340 Jan 12 j 21:23	0°♎	
	-9340 Feb 23 j 15:31	0°♏	
	-9340 Apr 09 j 05:04	0°♐	
	-9340 Jun 03 j 22:28	0°♑	
retrograde	-9340 Jul 21 j 10:41	11°♑48'42	
min. Earth dist.	-9340 Aug 27 j 11:09	3°♑04'16	0.64239 AU
opposition	-9340 Aug 30 j 10:20	1°♑52'44	-3°43'24
greatest brilliancy	-9340 Aug 30 j 02:08	2°♑00'58	-1.5m
	-9340 Sep 04 j 04:03	30°℞♐	
direct	-9340 Oct 08 j 05:11	22°♐39'15	
	-9340 Nov 15 j 01:22	0°♑	
asc. node	-9340 Dec 12 j 11:15	11°♑13'52	
	-9339 Jan 18 j 04:51	0°♒	
	-9339 Mar 10 j 09:48	0°♓	
	-9339 Apr 26 j 01:52	0°♈	
	-9339 Jun 08 j 13:44	0°♉	
evening set	-9339 Jul 05 j 04:13	19°♉16'49	
	-9339 Jul 19 j 14:13	0°♊	
max. Earth dist.	-9339 Jul 29 j 05:28	7°♊15'26	2.40796 AU
	-9339 Aug 27 j 21:20	0°♋	
conjunction	-9339 Aug 31 j 20:02	3°♋03'42	0°50'51
minimum elong	-9339 Aug 31 j 23:01	3°♋09'29	0°51'23
	-9339 Oct 05 j 07:09	0°♌	
morning rise	-9339 Nov 03 j 13:05	22°♌52'48	
	-9339 Nov 12 j 16:59	0°♍	
desc. node	-9339 Nov 13 j 16:19	0°♍45'13	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9339 Dec 21 j 23:51	0°♎	
	-9338 Jan 31 j 23:22	0°♏	
	-9338 Mar 16 j 11:15	0°♐	
	-9338 May 02 j 16:27	0°♑	
	-9338 Jun 27 j 00:28	0°♒	
retrograde	-9338 Aug 25 j 13:49	16°♒30'58	
opposition	-9338 Oct 04 j 04:38	6°♒56'20	-1°01'34
greatest brilliancy	-9338 Oct 04 j 05:41	6°♒55'16	-1.4m
min. Earth dist.	-9338 Oct 04 j 23:20	6°♒37'35	0.66630 AU
	-9338 Oct 23 j 14:54	30°℞♑	
asc. node	-9338 Oct 30 j 15:55	28°♑22'35	
direct	-9338 Nov 13 j 17:00	27°♑05'41	
	-9338 Dec 06 j 10:48	0°♒	
	-9337 Feb 14 j 06:17	0°♓	
	-9337 Apr 05 j 03:49	0°♈	
	-9337 May 19 j 15:37	0°♉	
	-9337 Jun 29 j 22:30	0°♊	
	-9337 Aug 08 j 05:42	0°♋	
evening set	-9337 Sep 04 j 10:11	21°♋14'19	
	-9337 Sep 15 j 13:58	0°♌	
desc. node	-9337 Oct 01 j 12:00	12°♌29'26	
	-9337 Oct 23 j 22:41	0°♍	
conjunction	-9337 Nov 06 j 23:39	10°♍50'14	-0°27'00
minimum elong	-9337 Nov 06 j 21:21	10°♍45'49	0°26'42
	-9337 Dec 02 j 05:04	0°♎	
max. Earth dist.	-9337 Dec 22 j 16:04	15°♎11'16	2.43145 AU
morning rise	-9336 Jan 09 j 10:41	28°♎05'43	
	-9336 Jan 12 j 02:25	0°♏	
	-9336 Feb 24 j 03:23	0°♐	
	-9336 Apr 09 j 16:35	0°♑	
	-9336 May 28 j 09:20	0°♒	
	-9336 Jul 22 j 07:37	0°♓	
asc. node	-9336 Sep 16 j 18:22	20°♓00'00	
retrograde	-9336 Sep 30 j 11:56	21°♓06'57	
opposition	-9336 Nov 07 j 16:51	12°♓18'41	2°04'37
greatest brilliancy	-9336 Nov 07 j 23:33	12°♓12'09	-1.5m
min. Earth dist.	-9336 Nov 12 j 03:59	10°♓34'08	0.62860 AU
direct	-9336 Dec 18 j 14:44	2°♓21'02	
	-9335 Mar 08 j 16:17	0°♈	
	-9335 Apr 26 j 03:37	0°♉	
	-9335 Jun 07 j 18:08	0°♊	
	-9335 Jul 17 j 15:17	0°♋	
desc. node	-9335 Aug 18 j 10:01	24°♋36'22	
	-9335 Aug 25 j 08:15	0°♌	
	-9335 Oct 03 j 00:40	0°♍	
evening set	-9335 Nov 07 j 20:52	27°♍12'13	
	-9335 Nov 11 j 14:51	0°♎	
	-9335 Dec 22 j 19:14	0°♏	
conjunction	-9334 Jan 05 j 05:05	9°♏28'29	-1°11'35
minimum elong	-9334 Jan 05 j 04:12	9°♏26'56	1°11'53
	-9334 Feb 03 j 23:12	0°♐	
max. Earth dist.	-9334 Feb 07 j 01:42	2°♐06'11	2.55321 AU
morning rise	-9334 Mar 01 j 01:43	16°♐49'33	
	-9334 Mar 21 j 03:46	0°♑	
	-9334 May 07 j 05:16	0°♒	
	-9334 Jun 25 j 06:00	0°♓	
asc. node	-9334 Aug 04 j 16:22	23°♓19'22	
	-9334 Aug 16 j 23:51	0°♈	
	-9334 Nov 02 j 08:22	0°♉	
retrograde	-9334 Nov 14 j 04:15	0°♉50'05	
	-9334 Nov 25 j 15:26	30°℞♈	
opposition	-9334 Dec 19 j 18:27	23°♈19'47	5°13'56
greatest brilliancy	-9334 Dec 21 j 01:35	22°♈51'37	-1.9m
min. Earth dist.	-9334 Dec 27 j 11:28	20°♈33'03	0.53364 AU
direct	-9333 Jan 28 j 00:39	14°♈12'02	
	-9333 Mar 23 j 12:18	0°♉	
	-9333 May 12 j 17:26	0°♊	
	-9333 Jun 24 j 03:15	0°♋	
desc. node	-9333 Jul 06 j 12:20	9°♋09'46	
	-9333 Aug 03 j 05:32	0°♌	
	-9333 Sep 11 j 22:36	0°♍	
	-9333 Oct 22 j 09:48	0°♎	
	-9333 Dec 03 j 08:06	0°♏	
evening set	-9333 Dec 31 j 16:04	19°♏34'52	
	-9332 Jan 16 j 01:27	0°♐	
conjunction	-9332 Feb 21 j 12:38	24°♐09'55	-1°00'09
minimum elong	-9332 Feb 21 j 14:13	24°♐12'31	1°00'42
	-9332 Mar 01 j 11:20	0°♑	
max. Earth dist.	-9332 Mar 07 j 02:48	3°♑39'53	2.63590 AU
morning rise	-9332 Apr 10 j 16:57	25°♑54'22	
	-9332 Apr 17 j 03:00	0°♒	
	-9332 Jun 03 j 11:10	0°♓	
asc. node	-9332 Jun 21 j 10:39	11°♓19'18	
	-9332 Jul 21 j 06:27	0°♈	
	-9332 Sep 08 j 03:33	0°♉	
	-9332 Oct 30 j 23:33	0°♊	
retrograde	-9331 Jan 15 j 04:09	25°♊01'04	
opposition	-9331 Feb 15 j 19:14	19°♊27'13	6°00'08
greatest brilliancy	-9331 Feb 17 j 06:13	19°♊01'26	-2.6m
min. Earth dist.	-9331 Feb 22 j 03:32	17°♊35'44	0.41326 AU
direct	-9331 Mar 21 j 11:19	13°♊02'24	
	-9331 May 15 j 22:01	0°♋	
desc. node	-9331 May 23 j 17:26	4°♋13'51	
	-9331 Jul 04 j 05:36	0°♌	
	-9331 Aug 17 j 00:31	0°♍	
	-9331 Sep 29 j 01:18	0°♎	
	-9331 Nov 11 j 18:32	0°♏	
	-9331 Dec 26 j 17:26	0°♐	
	-9330 Feb 10 j 20:57	0°♑	
evening set	-9330 Feb 12 j 09:39	0°♑59'02	
	-9330 Mar 29 j 17:16	0°♒	
conjunction	-9330 Apr 01 j 21:34	2°♒01'53	-0°21'18
minimum elong	-9330 Apr 01 j 22:23	2°♒03'12	0°21'48
max. Earth dist.	-9330 Apr 01 j 01:43	1°♒30'11	2.66636 AU
asc. node	-9330 May 09 j 03:04	25°♒52'30	
	-9330 May 15 j 12:56	0°♓	
morning rise	-9330 May 18 j 13:08	1°♓56'16	
	-9330 Jun 30 j 17:27	0°♈	
	-9330 Aug 15 j 01:02	0°♉	
	-9330 Sep 28 j 15:41	0°♊	
	-9330 Nov 12 j 03:34	0°♋	
	-9330 Dec 27 j 23:52	0°♌	
	-9329 Feb 20 j 02:29	0°♍	
retrograde	-9329 Apr 02 j 15:55	10°♍10'13	
desc. node	-9329 Apr 10 j 20:47	9°♍42'55	
min. Earth dist.	-9329 Apr 29 j 23:03	5°♍36'50	0.39774 AU
opposition	-9329 May 05 j 11:35	4°♍00'51	-1°51'45
greatest brilliancy	-9329 May 05 j 00:46	4°♍08'42	-2.8m
	-9329 May 21 j 11:47	30°℞♌	
direct	-9329 Jun 04 j 23:22	28°♌38'14	
	-9329 Jun 19 j 18:23	0°♍	
	-9329 Aug 29 j 09:06	0°♎	
	-9329 Oct 18 j 16:22	0°♏	
	-9329 Dec 05 j 19:34	0°♐	
	-9328 Jan 22 j 15:34	0°♑	
	-9328 Mar 10 j 06:44	0°♒	
evening set	-9328 Mar 22 j 21:37	8°♒00'36	
asc. node	-9328 Mar 25 j 21:51	9°♒55'31	
max. Earth dist.	-9328 Apr 24 j 13:40	28°♒57'13	2.64308 AU
	-9328 Apr 26 j 04:29	0°♓	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

conjunction	-9328 May 09 j 13:25	8°♓41'43	0°25'39
minimum elong	-9328 May 09 j 12:28	8°♓40'11	0°25'23
	-9328 Jun 10 j 18:53	0°♈	
morning rise	-9328 Jun 25 j 08:13	9°♈48'12	
	-9328 Jul 24 j 18:27	0°♉	
	-9328 Sep 05 j 04:17	0°♊	
	-9328 Oct 16 j 08:46	0°♋	
	-9328 Nov 25 j 21:52	0°♌	
	-9327 Jan 05 j 18:17	0°♍	
	-9327 Feb 17 j 18:05	0°♎	
desc. node	-9327 Feb 25 j 21:05	5°♎19'15	
	-9327 Apr 09 j 21:34	0°♏	
retrograde	-9327 May 28 j 00:23	13°♏16'35	
min. Earth dist.	-9327 Jun 27 j 07:35	7°♏04'04	0.51289 AU
opposition	-9327 Jul 04 j 23:50	4°♏13'35	-5°41'25
greatest brilliancy	-9327 Jul 03 j 12:15	4°♏46'37	-2.1m
	-9327 Jul 17 j 13:40	30°℞♎	
direct	-9327 Aug 08 j 08:35	26°♎47'54	
	-9327 Aug 31 j 19:27	0°♏	
	-9327 Nov 08 j 18:37	0°♐	
	-9327 Dec 31 j 11:11	0°♑	
asc. node	-9326 Feb 10 j 20:54	24°♑57'51	
	-9326 Feb 19 j 01:13	0°♒	
	-9326 Apr 07 j 15:59	0°♓	
evening set	-9326 May 01 j 19:47	15°♓43'36	
max. Earth dist.	-9326 May 22 j 11:59	29°♓29'55	2.56860 AU
	-9326 May 23 j 05:50	0°♈	
conjunction	-9326 Jun 20 j 02:36	19°♈04'34	1°04'05
minimum elong	-9326 Jun 20 j 01:06	19°♈01'58	1°04'11
	-9326 Jul 05 j 16:25	0°♉	
morning rise	-9326 Aug 09 j 14:37	25°♉10'38	
	-9326 Aug 16 j 03:50	0°♊	
	-9326 Sep 25 j 03:16	0°♋	
	-9326 Nov 03 j 06:39	0°♌	
	-9326 Dec 12 j 09:29	0°♍	
desc. node	-9325 Jan 13 j 18:53	24°♍19'55	
	-9325 Jan 21 j 11:53	0°♎	
	-9325 Mar 04 j 23:03	0°♏	
	-9325 Apr 21 j 17:46	0°♐	
retrograde	-9325 Jul 08 j 06:57	27°♐27'15	
min. Earth dist.	-9325 Aug 12 j 15:41	19°♐18'23	0.61639 AU
greatest brilliancy	-9325 Aug 16 j 10:40	17°♐47'43	-1.6m
opposition	-9325 Aug 17 j 02:15	17°♐32'10	-4°35'13
direct	-9325 Sep 23 j 21:20	8°♐41'03	
	-9325 Dec 03 j 17:32	0°♑	
asc. node	-9325 Dec 30 j 00:02	13°♑26'07	
	-9324 Jan 28 j 14:25	0°♒	
	-9324 Mar 18 j 05:13	0°♓	
	-9324 May 03 j 09:32	0°♈	
evening set	-9324 Jun 14 j 23:12	29°♈24'59	
	-9324 Jun 15 j 18:53	0°♉	
max. Earth dist.	-9324 Jul 01 j 04:30	11°♉04'26	2.45404 AU
	-9324 Jul 26 j 20:49	0°♊	
conjunction	-9324 Aug 08 j 10:19	9°♊26'58	1°07'17
minimum elong	-9324 Aug 08 j 12:03	9°♊30'16	1°07'47
	-9324 Sep 04 j 06:56	0°♋	
morning rise	-9324 Oct 07 j 02:45	25°♋31'52	
	-9324 Oct 12 j 20:02	0°♌	
	-9324 Nov 20 j 08:37	0°♍	
desc. node	-9324 Nov 30 j 12:39	7°♍50'04	
	-9324 Dec 29 j 17:57	0°♎	
	-9323 Feb 08 j 21:25	0°♏	
	-9323 Mar 24 j 19:59	0°♐	
	-9323 May 12 j 14:24	0°♑	
	-9323 Jul 18 j 10:58	0°♒	
retrograde	-9323 Aug 11 j 23:48	3°♒28'52	
	-9323 Sep 03 j 19:09	30°℞♑	
opposition	-9323 Sep 20 j 21:18	23°♑42'41	-2°07'52
min. Earth dist.	-9323 Sep 20 j 04:57	23°♑59'08	0.66416 AU
greatest brilliancy	-9323 Sep 20 j 20:40	23°♑43'19	-1.4m
direct	-9323 Oct 30 j 21:01	14°♑03'21	
asc. node	-9323 Nov 16 j 04:48	15°♑36'09	
	-9323 Dec 29 j 05:52	0°♒	
	-9322 Feb 24 j 04:37	0°♓	
	-9322 Apr 13 j 08:49	0°♈	
	-9322 May 27 j 08:16	0°♉	
	-9322 Jul 07 j 11:22	0°♊	
evening set	-9322 Aug 10 j 02:49	25°♊38'52	
	-9322 Aug 15 j 17:36	0°♋	
	-9322 Sep 23 j 01:39	0°♌	
conjunction	-9322 Oct 11 j 11:00	14°♌26'03	0°05'14
minimum elong	-9322 Oct 11 j 11:32	14°♌27'04	0°05'40
behind sun begin	-9322 Oct 10 j 09:29	13°♌36'04	
behind sun end	-9322 Oct 12 j 13:35	15°♌18'03	
desc. node	-9322 Oct 18 j 06:21	19°♌45'31	
	-9322 Oct 31 j 09:51	0°♍	
max. Earth dist.	-9322 Nov 10 j 19:31	8°♍02'52	2.38911 AU
	-9322 Dec 09 j 15:17	0°♎	
morning rise	-9322 Dec 16 j 00:38	4°♎47'00	
	-9321 Jan 19 j 12:02	0°♏	
	-9321 Mar 03 j 14:31	0°♐	
	-9321 Apr 18 j 12:53	0°♑	
	-9321 Jun 07 j 15:15	0°♒	
	-9321 Aug 09 j 09:03	0°♓	
retrograde	-9321 Sep 16 j 14:56	7°♓34'07	
asc. node	-9321 Oct 04 j 08:55	5°♓30'12	
	-9321 Oct 21 j 11:08	30°℞♒	
opposition	-9321 Oct 25 j 12:13	28°♒24'45	0°50'23
greatest brilliancy	-9321 Oct 25 j 13:58	28°♒23'01	-1.4m
min. Earth dist.	-9321 Oct 28 j 13:08	27°♒12'36	0.65058 AU
direct	-9321 Dec 05 j 10:59	18°♒25'22	
	-9320 Jan 22 j 17:45	0°♓	
	-9320 Mar 19 j 23:24	0°♈	
	-9320 May 05 j 04:34	0°♉	
	-9320 Jun 16 j 02:09	0°♊	
	-9320 Jul 25 j 15:39	0°♋	
	-9320 Sep 02 j 03:38	0°♌	
desc. node	-9320 Sep 04 j 03:28	1°♌33'35	
	-9320 Oct 10 j 15:30	0°♍	
evening set	-9320 Oct 14 j 06:47	2°♍48'30	
	-9320 Nov 19 j 01:07	0°♎	
conjunction	-9320 Dec 14 j 12:44	18°♎48'22	-1°02'17
minimum elong	-9320 Dec 14 j 10:16	18°♎43'52	1°02'23
	-9320 Dec 30 j 01:20	0°♏	
max. Earth dist.	-9319 Jan 23 j 16:22	17°♏20'43	2.50857 AU
morning rise	-9319 Feb 10 j 14:42	29°♏40'01	
	-9319 Feb 11 j 02:27	0°♐	
	-9319 Mar 28 j 08:01	0°♑	
	-9319 May 14 j 19:08	0°♒	
	-9319 Jul 04 j 04:22	0°♓	
asc. node	-9319 Aug 21 j 09:22	25°♓28'00	
	-9319 Aug 31 j 08:52	0°♈	
retrograde	-9319 Oct 26 j 08:38	14°♈31'45	
opposition	-9319 Dec 02 j 03:44	6°♈26'04	4°03'23
greatest brilliancy	-9319 Dec 02 j 23:54	6°♈07'06	-1.7m
min. Earth dist.	-9319 Dec 08 j 17:42	3°♈57'43	0.57680 AU
	-9319 Dec 20 j 13:48	30°℞♓	
direct	-9318 Jan 11 j 09:29	26°♓48'35	
	-9318 Feb 03 j 08:15	0°♈	
	-9318 Apr 08 j 10:14	0°♉	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9318 May 23 j 17:28	0°♊	
	-9318 Jul 03 j 16:29	0°♋	
desc. node	-9318 Jul 23 j 04:34	14°♋47'51	
	-9318 Aug 12 j 00:41	0°♌	
	-9318 Sep 20 j 04:42	0°♍	
	-9318 Oct 30 j 04:56	0°♎	
	-9318 Dec 10 j 18:02	0°♏	
evening set	-9318 Dec 12 j 06:44	1°♏04'48	
	-9317 Jan 23 j 04:12	0°♐	
conjunction	-9317 Feb 04 j 07:12	8°♐08'57	-1°09'15
minimum elong	-9317 Feb 04 j 08:18	8°♐10'48	1°09'45
max. Earth dist.	-9317 Feb 25 j 19:59	22°♐24'53	2.60953 AU
	-9317 Mar 09 j 10:21	0°♑	
morning rise	-9317 Mar 27 j 06:26	11°♑32'55	
	-9317 Apr 25 j 03:35	0°♒	
	-9317 Jun 11 j 22:42	0°♓	
asc. node	-9317 Jul 09 j 04:41	16°♓47'55	
	-9317 Jul 30 j 23:36	0°♈	
	-9317 Sep 21 j 04:26	0°♉	
	-9317 Dec 03 j 22:26	0°♊	
retrograde	-9317 Dec 19 j 18:11	1°♊27'27	
	-9316 Jan 03 j 21:30	30°℞♉	
opposition	-9316 Jan 21 j 21:10	25°♉06'53	6°25'07
greatest brilliancy	-9316 Jan 23 j 16:11	24°♉31'50	-2.3m
min. Earth dist.	-9316 Jan 29 j 23:13	22°♉29'35	0.45770 AU
direct	-9316 Feb 27 j 07:19	17°♉24'51	
	-9316 Apr 13 j 23:01	0°♊	
	-9316 Jun 03 j 23:24	0°♋	
desc. node	-9316 Jun 09 j 08:00	3°♋36'04	
	-9316 Jul 16 j 23:03	0°♌	
	-9316 Aug 27 j 07:58	0°♍	
	-9316 Oct 07 j 23:10	0°♎	
	-9316 Nov 19 j 18:25	0°♏	
	-9315 Jan 03 j 02:33	0°♐	
evening set	-9315 Jan 27 j 05:33	15°♐54'43	
	-9315 Feb 17 j 21:11	0°♑	
conjunction	-9315 Mar 17 j 16:41	17°♑54'33	-0°38'10
minimum elong	-9315 Mar 17 j 18:03	17°♑56'44	0°38'43
max. Earth dist.	-9315 Mar 22 j 13:56	21°♑02'26	2.66091 AU
	-9315 Apr 05 j 14:03	0°♒	
morning rise	-9315 May 03 j 23:58	18°♒09'01	
	-9315 May 22 j 12:37	0°♓	
asc. node	-9315 May 25 j 21:18	2°♓09'10	
	-9315 Jul 08 j 04:25	0°♈	
	-9315 Aug 23 j 11:11	0°♉	
	-9315 Oct 08 j 20:36	0°♊	
	-9315 Nov 25 j 20:09	0°♋	
	-9314 Jan 21 j 08:38	0°♌	
retrograde	-9314 Mar 04 j 16:23	9°♌58'24	
opposition	-9314 Apr 04 j 15:21	4°♌44'56	1°49'29
min. Earth dist.	-9314 Apr 03 j 22:22	4°♌56'22	0.38089 AU
greatest brilliancy	-9314 Apr 04 j 16:45	4°♌43'59	-2.9m
desc. node	-9314 Apr 27 j 13:42	0°♌01'26	
	-9314 Apr 27 j 19:44	30°℞♋	
direct	-9314 May 05 j 01:05	29°♋39'36	
	-9314 May 12 j 05:23	0°♌	
	-9314 Jul 25 j 13:09	0°♍	
	-9314 Sep 12 j 03:23	0°♎	
	-9314 Oct 28 j 12:55	0°♏	
	-9314 Dec 13 j 23:48	0°♐	
	-9313 Jan 29 j 23:44	0°♑	
evening set	-9313 Mar 08 j 18:44	23°♑59'39	
	-9313 Mar 18 j 05:29	0°♒	
asc. node	-9313 Apr 12 j 14:23	16°♒11'42	
max. Earth dist.	-9313 Apr 16 j 01:10	18°♒24'25	2.65857 AU
conjunction	-9313 Apr 25 j 11:45	24°♒28'40	0°07'32
minimum elong	-9313 Apr 25 j 11:28	24°♒28'12	0°07'09
behind sun begin	-9313 Apr 24 j 17:48	23°♒59'46	
behind sun end	-9313 Apr 26 j 05:09	24°♒56'40	
	-9313 May 04 j 01:03	0°♓	
morning rise	-9313 Jun 10 j 20:54	24°♓43'59	
	-9313 Jun 18 j 19:26	0°♈	
	-9313 Aug 02 j 04:46	0°♉	
	-9313 Sep 14 j 06:13	0°♊	
	-9313 Oct 26 j 07:45	0°♋	
	-9313 Dec 07 j 00:35	0°♌	
	-9312 Jan 18 j 15:17	0°♍	
	-9312 Mar 05 j 22:01	0°♎	
desc. node	-9312 Mar 14 j 16:13	4°♎46'25	
retrograde	-9312 May 08 j 15:14	21°♎43'20	
min. Earth dist.	-9312 Jun 05 j 22:01	16°♎21'34	0.46310 AU
greatest brilliancy	-9312 Jun 12 j 12:13	14°♎05'27	-2.3m
opposition	-9312 Jun 13 j 23:58	13°♎34'27	-5°08'57
direct	-9312 Jul 16 j 18:27	6°♎55'58	
	-9312 Sep 26 j 17:19	0°♏	
	-9312 Nov 19 j 18:11	0°♐	
	-9311 Jan 08 j 19:23	0°♑	
	-9311 Feb 26 j 09:59	0°♒	
asc. node	-9311 Feb 27 j 11:36	0°♒40'04	
	-9311 Apr 14 j 16:07	0°♓	
evening set	-9311 Apr 15 j 23:59	0°♓51'28	
max. Earth dist.	-9311 May 10 j 21:14	17°♓06'54	2.60345 AU
	-9311 May 30 j 05:08	0°♈	
conjunction	-9311 Jun 03 j 07:21	2°♈45'35	0°51'31
minimum elong	-9311 Jun 03 j 05:45	2°♈42'53	0°51'27
	-9311 Jul 12 j 19:35	0°♉	
morning rise	-9311 Jul 21 j 19:04	6°♉20'42	
	-9311 Aug 23 j 14:08	0°♊	
	-9311 Oct 02 j 22:29	0°♋	
	-9311 Nov 11 j 11:43	0°♌	
	-9311 Dec 21 j 01:23	0°♍	
desc. node	-9310 Jan 30 j 13:37	29°♍50'33	
	-9310 Jan 30 j 18:53	0°♎	
	-9310 Mar 15 j 15:02	0°♏	
	-9310 May 08 j 02:54	0°♐	
retrograde	-9310 Jun 23 j 06:43	11°♐50'42	
min. Earth dist.	-9310 Jul 26 j 18:41	4°♐23'18	0.58158 AU
opposition	-9310 Aug 01 j 15:28	2°♐05'27	-5°16'34
greatest brilliancy	-9310 Jul 31 j 15:22	2°♐29'04	-1.7m
	-9310 Aug 07 j 02:34	30°℞♏	
direct	-9310 Sep 07 j 06:06	23°♏42'27	
	-9310 Oct 11 j 13:12	0°♐	
	-9310 Dec 15 j 17:50	0°♑	
asc. node	-9309 Jan 15 j 13:51	17°♑19'34	
	-9309 Feb 06 j 02:19	0°♒	
	-9309 Mar 26 j 16:53	0°♓	
	-9309 May 11 j 13:54	0°♈	
evening set	-9309 May 28 j 10:22	11°♈27'39	
max. Earth dist.	-9309 Jun 13 j 11:38	22°♈36'33	2.50197 AU
	-9309 Jun 23 j 22:52	0°♉	
conjunction	-9309 Jul 19 j 08:29	18°♉19'46	1°12'40
minimum elong	-9309 Jul 19 j 08:30	18°♉19'48	1°13'03
	-9309 Aug 04 j 03:45	0°♊	
morning rise	-9309 Sep 12 j 19:31	0°♋03'00	
	-9309 Sep 12 j 17:57	0°♋	
	-9309 Oct 21 j 11:16	0°♌	
	-9309 Nov 29 j 03:40	0°♍	
desc. node	-9309 Dec 18 j 08:37	14°♍41'37	
	-9308 Jan 07 j 16:57	0°♎	
	-9308 Feb 18 j 03:30	0°♏	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9308 Apr 02 j 21:08	0°♐	
	-9308 May 24 j 17:51	0°♑	
retrograde	-9308 Jul 29 j 09:28	20°♑08'31	
min. Earth dist.	-9308 Sep 05 j 06:12	11°♑06'33	0.65273 AU
opposition	-9308 Sep 07 j 09:42	10°♑14'44	-3°09'57
greatest brilliancy	-9308 Sep 07 j 04:51	10°♑19'36	-1.4m
direct	-9308 Oct 16 j 16:13	0°♑50'45	
asc. node	-9308 Dec 02 j 18:41	11°♑36'11	
	-9307 Jan 11 j 06:51	0°♒	
	-9307 Mar 04 j 23:51	0°♓	
	-9307 Apr 21 j 03:26	0°♈	
	-9307 Jun 03 j 19:28	0°♉	
	-9307 Jul 14 j 21:19	0°♊	
evening set	-9307 Jul 17 j 14:19	2°♊01'58	
max. Earth dist.	-9307 Aug 23 j 07:15	0°♋05'37	2.38858 AU
	-9307 Aug 23 j 04:21	0°♋	
conjunction	-9307 Sep 15 j 01:41	17°♋50'56	0°36'32
minimum elong	-9307 Sep 15 j 04:29	17°♋56'26	0°37'04
	-9307 Sep 30 j 13:34	0°♌	
desc. node	-9307 Nov 04 j 02:40	27°♌01'40	
	-9307 Nov 07 j 22:29	0°♍	
morning rise	-9307 Nov 19 j 04:39	8°♍42'18	
	-9307 Dec 17 j 03:58	0°♎	
	-9306 Jan 27 j 01:14	0°♏	
	-9306 Mar 11 j 07:33	0°♐	
	-9306 Apr 26 j 21:17	0°♑	
	-9306 Jun 18 j 11:45	0°♒	
retrograde	-9306 Sep 02 j 11:28	24°♒25'10	
opposition	-9306 Oct 11 j 21:32	14°♒58'30	-0°21'22
greatest brilliancy	-9306 Oct 11 j 22:13	14°♒57'49	-1.4m
min. Earth dist.	-9306 Oct 13 j 11:45	14°♒20'20	0.66331 AU
asc. node	-9306 Oct 20 j 23:35	11°♒25'30	
direct	-9306 Nov 21 j 15:25	5°♒03'17	
	-9305 Feb 06 j 20:40	0°♓	
	-9305 Mar 30 j 12:31	0°♈	
	-9305 May 14 j 12:38	0°♉	
	-9305 Jun 25 j 00:18	0°♊	
	-9305 Aug 03 j 09:27	0°♋	
	-9305 Sep 10 j 18:45	0°♌	
evening set	-9305 Sep 19 j 07:07	6°♌40'49	
desc. node	-9305 Sep 21 j 21:14	8°♌42'36	
	-9305 Oct 19 j 04:08	0°♍	
conjunction	-9305 Nov 21 j 12:49	25°♍32'38	-0°42'38
minimum elong	-9305 Nov 21 j 09:47	25°♍26'56	0°42'29
	-9305 Nov 27 j 10:55	0°♎	
max. Earth dist.	-9304 Jan 06 j 01:26	29°♎04'26	2.45938 AU
	-9304 Jan 07 j 08:27	0°♏	
morning rise	-9304 Jan 22 j 03:28	10°♏30'06	
	-9304 Feb 19 j 08:13	0°♐	
	-9304 Apr 04 j 16:57	0°♑	
	-9304 May 22 j 19:19	0°♒	
	-9304 Jul 14 j 11:08	0°♓	
asc. node	-9304 Sep 07 j 01:31	24°♓02'00	
retrograde	-9304 Oct 09 j 10:54	29°♓36'37	
opposition	-9304 Nov 16 j 05:40	21°♓01'54	2°48'01
greatest brilliancy	-9304 Nov 16 j 16:29	20°♓51'27	-1.6m
min. Earth dist.	-9304 Nov 21 j 11:44	19°♓00'15	0.61274 AU
direct	-9304 Dec 27 j 00:42	11°♓08'22	
	-9303 Feb 27 j 20:42	0°♈	
	-9303 Apr 19 j 22:14	0°♉	
	-9303 Jun 02 j 05:59	0°♊	
	-9303 Jul 12 j 10:20	0°♋	
desc. node	-9303 Aug 08 j 21:23	21°♋08'46	
	-9303 Aug 20 j 07:27	0°♌	
	-9303 Sep 28 j 02:45	0°♍	
	-9303 Nov 06 j 19:08	0°♎	
evening set	-9303 Nov 20 j 23:41	10°♎27'54	
	-9303 Dec 18 j 01:26	0°♏	
conjunction	-9302 Jan 16 j 16:30	20°♏43'13	-1°12'48
minimum elong	-9302 Jan 16 j 16:31	20°♏43'14	1°13'11
	-9302 Jan 30 j 06:25	0°♐	
max. Earth dist.	-9302 Feb 14 j 11:02	10°♐13'44	2.57544 AU
morning rise	-9302 Mar 10 j 23:30	26°♐26'19	
	-9302 Mar 16 j 10:30	0°♑	
	-9302 May 02 j 07:33	0°♒	
	-9302 Jun 19 j 18:48	0°♓	
asc. node	-9302 Jul 25 j 22:26	21°♓30'57	
	-9302 Aug 09 j 18:16	0°♈	
	-9302 Oct 08 j 14:39	0°♉	
retrograde	-9302 Nov 26 j 02:11	11°♉26'07	
opposition	-9302 Dec 30 j 20:56	4°♉18'43	5°47'57
greatest brilliancy	-9301 Jan 01 j 10:01	3°♉46'11	-2.1m
min. Earth dist.	-9301 Jan 07 j 23:42	1°♉28'27	0.50744 AU
	-9301 Jan 12 j 10:55	30°♈℞	
direct	-9301 Feb 07 j 08:26	25°♈35'14	
	-9301 Mar 05 j 22:11	0°♉	
	-9301 May 04 j 14:45	0°♊	
	-9301 Jun 17 j 14:54	0°♋	
desc. node	-9301 Jun 27 j 01:31	6°♋49'55	
	-9301 Jul 28 j 09:52	0°♌	
	-9301 Sep 06 j 13:13	0°♍	
	-9301 Oct 17 j 07:32	0°♎	
	-9301 Nov 28 j 11:12	0°♏	
evening set	-9300 Jan 11 j 01:30	29°♏48'56	
	-9300 Jan 11 j 08:06	0°♐	
	-9300 Feb 25 j 20:00	0°♑	
conjunction	-9300 Mar 01 j 22:43	3°♑19'07	-0°52'55
minimum elong	-9300 Mar 02 j 00:20	3°♑21'44	0°53'29
max. Earth dist.	-9300 Mar 13 j 00:24	10°♑28'29	2.64705 AU
	-9300 Apr 12 j 11:12	0°♒	
morning rise	-9300 Apr 19 j 08:04	4°♒22'52	
	-9300 May 29 j 15:04	0°♓	
asc. node	-9300 Jun 11 j 15:08	8°♓15'04	
	-9300 Jul 15 j 22:37	0°♈	
	-9300 Sep 01 j 15:32	0°♉	
	-9300 Oct 21 j 04:18	0°♊	
	-9300 Dec 18 j 09:10	0°♋	
retrograde	-9299 Feb 01 j 09:12	10°♋32'33	
opposition	-9299 Mar 04 j 06:56	5°♋18'28	5°00'06
greatest brilliancy	-9299 Mar 05 j 06:05	5°♋02'26	-2.8m
min. Earth dist.	-9299 Mar 08 j 16:48	4°♋05'20	0.39476 AU
	-9299 Mar 28 j 08:58	30°℞♊	
direct	-9299 Apr 05 j 09:48	29°♊34'14	
	-9299 Apr 13 j 11:27	0°♋	
desc. node	-9299 May 14 j 05:41	8°♋30'28	
	-9299 Jun 24 j 03:33	0°♌	
	-9299 Aug 09 j 17:33	0°♍	
	-9299 Sep 23 j 00:05	0°♎	
	-9299 Nov 06 j 10:04	0°♏	
	-9299 Dec 21 j 18:45	0°♐	
	-9298 Feb 06 j 04:01	0°♑	
evening set	-9298 Feb 21 j 10:03	9°♑45'56	
	-9298 Mar 25 j 02:48	0°♒	
max. Earth dist.	-9298 Apr 06 j 15:12	7°♒59'38	2.66585 AU
conjunction	-9298 Apr 10 j 12:59	10°♒29'35	-0°10'54
minimum elong	-9298 Apr 10 j 13:25	10°♒30'17	0°11'21
behind sun begin	-9298 Apr 09 j 23:36	10°♒08'11	
behind sun end	-9298 Apr 11 j 03:15	10°♒52'23	
asc. node	-9298 Apr 29 j 07:53	22°♒32'06	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9298 May 10 j 22:05	0°♓	
morning rise	-9298 May 26 j 23:36	10°♓23'47	
	-9298 Jun 25 j 22:43	0°♈	
	-9298 Aug 09 j 21:25	0°♉	
	-9298 Sep 22 j 20:35	0°♊	
	-9298 Nov 05 j 05:59	0°♋	
	-9298 Dec 18 j 23:58	0°♌	
	-9297 Feb 03 j 20:33	0°♍	
desc. node	-9297 Apr 01 j 08:40	24°♍49'00	
retrograde	-9297 Apr 17 j 04:53	26°♍30'26	
min. Earth dist.	-9297 May 14 j 05:57	21°♍48'21	0.41730 AU
greatest brilliancy	-9297 May 20 j 08:29	19°♍55'11	-2.7m
opposition	-9297 May 21 j 07:47	19°♍37'02	-3°28'21
direct	-9297 Jun 21 j 14:14	13°♍49'41	
	-9297 Aug 17 j 12:57	0°♎	
	-9297 Oct 11 j 14:35	0°♏	
	-9297 Nov 30 j 04:21	0°♐	
	-9296 Jan 17 j 15:37	0°♑	
	-9296 Mar 05 j 13:49	0°♒	
asc. node	-9296 Mar 16 j 03:41	6°♒41'10	
evening set	-9296 Mar 31 j 15:25	16°♒32'17	
	-9296 Apr 21 j 14:12	0°♓	
max. Earth dist.	-9296 Apr 30 j 11:09	5°♓45'26	2.63101 AU
conjunction	-9296 May 18 j 10:15	17°♓31'48	0°35'43
minimum elong	-9296 May 18 j 08:59	17°♓29'42	0°35'32
	-9296 Jun 06 j 04:10	0°♈	
morning rise	-9296 Jul 04 j 15:36	19°♈20'42	
	-9296 Jul 20 j 00:27	0°♉	
	-9296 Aug 31 j 04:44	0°♊	
	-9296 Oct 11 j 01:20	0°♋	
	-9296 Nov 20 j 04:31	0°♌	
	-9296 Dec 30 j 10:58	0°♍	
	-9295 Feb 10 j 07:15	0°♎	
desc. node	-9295 Feb 16 j 08:58	4°♎09'41	
	-9295 Mar 29 j 04:09	0°♏	
retrograde	-9295 Jun 07 j 00:51	24°♏32'13	
min. Earth dist.	-9295 Jul 08 j 11:40	17°♏52'18	0.53890 AU
greatest brilliancy	-9295 Jul 14 j 06:57	15°♏40'14	-1.9m
opposition	-9295 Jul 15 j 15:16	15°♏09'32	-5°40'26
direct	-9295 Aug 19 j 20:44	7°♏21'25	
	-9295 Oct 31 j 08:54	0°♐	
	-9295 Dec 25 j 15:12	0°♑	
asc. node	-9294 Feb 01 j 04:04	22°♑11'35	
	-9294 Feb 14 j 00:26	0°♒	
	-9294 Apr 02 j 22:51	0°♓	
evening set	-9294 May 11 j 05:34	25°♓01'59	
	-9294 May 18 j 15:19	0°♈	
max. Earth dist.	-9294 May 29 j 20:24	7°♈36'06	2.54619 AU
conjunction	-9294 Jun 30 j 07:12	29°♈27'45	1°09'09
minimum elong	-9294 Jun 30 j 06:03	29°♈25'43	1°09'21
	-9294 Jul 01 j 01:25	0°♉	
	-9294 Aug 11 j 10:37	0°♊	
morning rise	-9294 Aug 21 j 07:36	7°♊20'52	
	-9294 Sep 20 j 06:36	0°♋	
	-9294 Oct 29 j 06:01	0°♌	
	-9294 Dec 07 j 04:29	0°♍	
desc. node	-9293 Jan 04 j 04:02	21°♍11'11	
	-9293 Jan 16 j 00:42	0°♎	
	-9293 Feb 26 j 23:41	0°♏	
	-9293 Apr 14 j 04:28	0°♐	
	-9293 Jun 13 j 14:35	0°♑	
retrograde	-9293 Jul 16 j 12:24	6°♑13'21	
	-9293 Aug 16 j 00:15	30°℞♐	
min. Earth dist.	-9293 Aug 21 j 19:54	27°♐44'07	0.63190 AU
opposition	-9293 Aug 25 j 10:50	26°♐17'05	-4°06'17
greatest brilliancy	-9293 Aug 24 j 23:37	26°♐28'18	-1.5m
direct	-9293 Oct 02 j 19:45	17°♐12'52	
	-9293 Nov 23 j 20:07	0°♑	
asc. node	-9293 Dec 20 j 08:11	12°♑14'00	
	-9292 Jan 22 j 14:40	0°♒	
	-9292 Mar 13 j 03:08	0°♓	
	-9292 Apr 28 j 15:21	0°♈	
	-9292 Jun 11 j 03:15	0°♉	
evening set	-9292 Jun 26 j 04:49	10°♉49'11	
max. Earth dist.	-9292 Jul 15 j 03:34	24°♉43'36	2.42768 AU
	-9292 Jul 22 j 05:25	0°♊	
conjunction	-9292 Aug 21 j 09:12	22°♊53'34	0°59'22
minimum elong	-9292 Aug 21 j 11:49	22°♊58'35	0°59'54
	-9292 Aug 30 j 14:18	0°♋	
	-9292 Oct 08 j 01:34	0°♌	
morning rise	-9292 Oct 22 j 11:00	11°♌15'59	
	-9292 Nov 15 j 12:12	0°♍	
desc. node	-9292 Nov 20 j 21:55	4°♍10'52	
	-9292 Dec 24 j 19:07	0°♎	
	-9291 Feb 03 j 18:52	0°♏	
	-9291 Mar 19 j 08:57	0°♐	
	-9291 May 06 j 00:59	0°♑	
	-9291 Jul 03 j 01:37	0°♒	
retrograde	-9291 Aug 19 j 19:14	11°♒25'42	
opposition	-9291 Sep 28 j 13:54	1°♒45'34	-1°29'45
greatest brilliancy	-9291 Sep 28 j 14:32	1°♒44'56	-1.4m
min. Earth dist.	-9291 Sep 28 j 17:12	1°♒42'16	0.66660 AU
	-9291 Oct 02 j 23:44	30°℞♑	
asc. node	-9291 Nov 06 j 12:48	22°♑00'06	
direct	-9291 Nov 07 j 21:32	21°♑59'24	
	-9291 Dec 17 j 14:10	0°♒	
	-9290 Feb 17 j 22:50	0°♓	
	-9290 Apr 08 j 02:54	0°♈	
	-9290 May 22 j 10:30	0°♉	
	-9290 Jul 02 j 16:56	0°♊	
	-9290 Aug 11 j 00:17	0°♋	
evening set	-9290 Aug 24 j 05:00	10°♋16'40	
	-9290 Sep 18 j 08:32	0°♌	
desc. node	-9290 Oct 08 j 17:27	15°♌59'18	
conjunction	-9290 Oct 26 j 12:25	29°♌51'58	-0°13'29
minimum elong	-9290 Oct 26 j 11:12	29°♌49'35	0°13'08
behind sun begin	-9290 Oct 25 j 18:49	29°♌17'46	
behind sun end	-9290 Oct 27 j 03:35	0°♍21'22	
	-9290 Oct 26 j 16:34	0°♍	
	-9290 Dec 04 j 21:25	0°♎	
max. Earth dist.	-9290 Dec 08 j 05:28	2°♎30'15	2.41026 AU
morning rise	-9290 Dec 30 j 04:41	18°♎45'54	
	-9289 Jan 14 j 17:03	0°♏	
	-9289 Feb 26 j 16:55	0°♐	
	-9289 Apr 13 j 07:51	0°♑	
	-9289 Jun 01 j 10:45	0°♒	
	-9289 Jul 28 j 12:08	0°♓	
asc. node	-9289 Sep 24 j 16:02	15°♓42'52	
retrograde	-9289 Sep 25 j 00:48	15°♓42'55	
opposition	-9289 Nov 02 j 14:12	6°♓44'44	1°33'03
greatest brilliancy	-9289 Nov 02 j 18:24	6°♓40'36	-1.5m
min. Earth dist.	-9289 Nov 06 j 10:31	5°♓14'05	0.63966 AU
	-9289 Nov 21 j 08:39	30°℞♒	
direct	-9289 Dec 13 j 13:58	26°♒45'22	
	-9288 Jan 06 j 07:50	0°♓	
	-9288 Mar 13 j 02:55	0°♈	
	-9288 Apr 29 j 13:30	0°♉	
	-9288 Jun 10 j 21:24	0°♊	
	-9288 Jul 20 j 15:34	0°♋	
desc. node	-9288 Aug 25 j 14:56	27°♋56'20	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9288 Aug 28 j 06:18	0°♌	
	-9288 Oct 05 j 20:14	0°♍	
evening set	-9288 Oct 28 j 09:56	17°♍16'46	
	-9288 Nov 14 j 07:20	0°♎	
	-9288 Dec 25 j 08:34	0°♏	
conjunction	-9288 Dec 27 j 02:56	1°♏15'32	-1°08'44
minimum elong	-9288 Dec 27 j 01:20	1°♏12'42	1°08'58
max. Earth dist.	-9287 Feb 01 j 07:19	26°♏31'11	2.53389 AU
	-9287 Feb 06 j 09:45	0°♐	
morning rise	-9287 Feb 21 j 09:01	10°♐06'04	
	-9287 Mar 23 j 13:13	0°♑	
	-9287 May 09 j 17:08	0°♒	
	-9287 Jun 28 j 04:55	0°♓	
asc. node	-9287 Aug 11 j 14:54	24°♓51'57	
	-9287 Aug 21 j 15:05	0°♈	
retrograde	-9287 Nov 05 j 19:06	24°♈02'58	
opposition	-9287 Dec 11 j 22:59	16°♈16'01	4°44'31
greatest brilliancy	-9287 Dec 13 j 01:19	15°♈51'44	-1.8m
min. Earth dist.	-9287 Dec 19 j 05:14	13°♈35'42	0.55386 AU
direct	-9286 Jan 20 j 18:01	6°♈52'43	
	-9286 Mar 30 j 14:31	0°♉	
	-9286 May 17 j 04:29	0°♊	
	-9286 Jun 27 j 21:27	0°♋	
desc. node	-9286 Jul 13 j 16:35	11°♋50'16	
	-9286 Aug 06 j 14:46	0°♌	
	-9286 Sep 15 j 01:06	0°♍	
	-9286 Oct 25 j 06:05	0°♎	
	-9286 Dec 05 j 22:56	0°♏	
evening set	-9286 Dec 23 j 13:06	12°♏16'44	
	-9285 Jan 18 j 11:44	0°♐	
conjunction	-9285 Feb 14 j 07:29	17°♐53'31	-1°04'32
minimum elong	-9285 Feb 14 j 08:56	17°♐55'55	1°05'04
max. Earth dist.	-9285 Mar 04 j 00:39	29°♐30'24	2.62509 AU
	-9285 Mar 04 j 18:49	0°♑	
morning rise	-9285 Apr 05 j 05:41	20°♑18'13	
	-9285 Apr 20 j 10:13	0°♒	
	-9285 Jun 06 j 22:23	0°♓	
asc. node	-9285 Jun 29 j 09:29	14°♓02'04	
	-9285 Jul 25 j 04:50	0°♈	
	-9285 Sep 13 j 05:34	0°♉	
	-9285 Nov 09 j 05:27	0°♊	
retrograde	-9284 Jan 03 j 16:30	14°♊41'44	
opposition	-9284 Feb 04 j 23:34	8°♊47'32	6°21'01
greatest brilliancy	-9284 Feb 06 j 16:14	8°♊16'04	-2.5m
min. Earth dist.	-9284 Feb 12 j 09:04	6°♊31'16	0.43202 AU
direct	-9284 Mar 10 j 22:08	1°♊47'10	
	-9284 May 25 j 01:15	0°♋	
desc. node	-9284 May 30 j 21:18	3°♋35'09	
	-9284 Jul 09 j 15:23	0°♌	
	-9284 Aug 21 j 03:12	0°♍	
	-9284 Oct 02 j 10:13	0°♎	
	-9284 Nov 14 j 15:41	0°♏	
	-9284 Dec 29 j 06:31	0°♐	
evening set	-9283 Feb 05 j 14:43	25°♐05'05	
	-9283 Feb 13 j 05:10	0°♑	
conjunction	-9283 Mar 26 j 11:45	26°♑29'36	-0°28'33
minimum elong	-9283 Mar 26 j 12:50	26°♑31'18	0°29'05
max. Earth dist.	-9283 Mar 28 j 02:48	27°♑32'00	2.66494 AU
	-9283 Mar 31 j 23:24	0°♒	
morning rise	-9283 May 12 j 09:07	26°♒29'27	
asc. node	-9283 May 16 j 01:59	28°♒52'04	
	-9283 May 17 j 20:18	0°♓	
	-9283 Jul 03 j 05:42	0°♈	
	-9283 Aug 17 j 22:52	0°♉	

	-9283 Oct 02 j 06:14	0°♊	
	-9283 Nov 16 j 22:59	0°♋	
	-9282 Jan 04 j 12:23	0°♌	
retrograde	-9282 Mar 21 j 12:16	27°♌33'37	
desc. node	-9282 Apr 18 j 01:19	23°♌06'19	
min. Earth dist.	-9282 Apr 18 j 17:07	22°♌55'27	0.38674 AU
opposition	-9282 Apr 22 j 08:20	21°♌55'01	-0°20'20
greatest brilliancy	-9282 Apr 22 j 06:55	21°♌56'00	-2.9m
direct	-9282 May 22 j 12:34	16°♌46'02	
	-9282 Jul 11 j 10:49	0°♍	
	-9282 Sep 04 j 05:23	0°♎	
	-9282 Oct 22 j 10:30	0°♏	
	-9282 Dec 08 j 17:20	0°♐	
	-9281 Jan 25 j 03:25	0°♑	
	-9281 Mar 13 j 14:04	0°♒	
evening set	-9281 Mar 17 j 11:17	2°♒27'55	
asc. node	-9281 Apr 02 j 20:34	12°♒54'05	
max. Earth dist.	-9281 Apr 21 j 15:29	24°♒56'57	2.65107 AU
	-9281 Apr 29 j 11:15	0°♓	
conjunction	-9281 May 04 j 02:22	2°♓59'57	0°18'05
minimum elong	-9281 May 04 j 01:41	2°♓58'51	0°17'46
	-9281 Jun 14 j 04:04	0°♈	
morning rise	-9281 Jun 19 j 15:23	3°♈39'28	
	-9281 Jul 28 j 08:30	0°♉	
	-9281 Sep 09 j 01:30	0°♊	
	-9281 Oct 20 j 14:49	0°♋	
	-9281 Nov 30 j 14:33	0°♌	
	-9280 Jan 11 j 01:29	0°♍	
	-9280 Feb 24 j 06:34	0°♎	
desc. node	-9280 Mar 05 j 02:06	6°♎05'26	
	-9280 Apr 22 j 18:47	0°♏	
retrograde	-9280 May 19 j 23:44	4°♏48'10	
	-9280 Jun 15 j 09:22	30°℞♎	
min. Earth dist.	-9280 Jun 18 j 08:31	28°♎59'04	0.49085 AU
greatest brilliancy	-9280 Jun 24 j 19:39	26°♎39'39	-2.2m
opposition	-9280 Jun 26 j 08:38	26°♎06'16	-5°34'16
direct	-9280 Jul 30 j 00:36	19°♎00'44	
	-9280 Sep 14 j 07:52	0°♏	
	-9280 Nov 12 j 23:59	0°♐	
	-9279 Jan 03 j 09:44	0°♑	
asc. node	-9279 Feb 17 j 18:57	27°♑40'15	
	-9279 Feb 21 j 13:07	0°♒	
	-9279 Apr 10 j 00:43	0°♓	
evening set	-9279 Apr 24 j 23:42	9°♓41'45	
max. Earth dist.	-9279 May 17 j 10:59	24°♓31'22	2.58518 AU
	-9279 May 25 j 15:13	0°♈	
conjunction	-9279 Jun 12 j 18:05	12°♈18'39	0°59'13
minimum elong	-9279 Jun 12 j 16:30	12°♈15'55	0°59'16
	-9279 Jul 08 j 04:32	0°♉	
morning rise	-9279 Aug 01 j 05:48	17°♉10'24	
	-9279 Aug 18 j 20:01	0°♊	
	-9279 Sep 27 j 23:53	0°♋	
	-9279 Nov 06 j 07:27	0°♌	
	-9279 Dec 15 j 14:18	0°♍	
desc. node	-9278 Jan 21 j 00:54	27°♍11'28	
	-9278 Jan 24 j 21:18	0°♎	
	-9278 Mar 08 j 18:04	0°♏	
	-9278 Apr 27 j 00:56	0°♐	
retrograde	-9278 Jul 02 j 01:06	21°♐23'11	
min. Earth dist.	-9278 Aug 05 j 14:34	13°♐32'00	0.60191 AU
opposition	-9278 Aug 10 j 16:34	11°♐31'16	-4°54'23
greatest brilliancy	-9278 Aug 09 j 21:21	11°♐50'17	-1.6m
direct	-9278 Sep 16 j 23:46	2°♐51'46	
	-9278 Dec 08 j 09:28	0°♑	
asc. node	-9277 Jan 05 j 21:17	15°♑15'44	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9277 Jan 31 j 14:18	0°♒	
	-9277 Mar 21 j 19:10	0°♓	
	-9277 May 06 j 21:29	0°♈	
evening set	-9277 Jun 07 j 19:15	21°♈52'15	
	-9277 Jun 19 j 07:50	0°♉	
max. Earth dist.	-9277 Jun 23 j 09:56	2°♉54'43	2.47577 AU
	-9277 Jul 30 j 12:07	0°♊	
conjunction	-9277 Jul 31 j 00:39	0°♊23'21	1°10'51
minimum elong	-9277 Jul 31 j 01:36	0°♊25'08	1°11'19
	-9277 Sep 08 j 00:42	0°♋	
morning rise	-9277 Sep 26 j 18:09	14°♋29'48	
	-9277 Oct 16 j 15:46	0°♌	
	-9277 Nov 24 j 05:44	0°♍	
desc. node	-9277 Dec 08 j 19:09	11°♍11'33	
	-9276 Jan 02 j 15:47	0°♎	
	-9276 Feb 12 j 20:26	0°♏	
	-9276 Mar 27 j 23:58	0°♐	
	-9276 May 16 j 15:43	0°♑	
retrograde	-9276 Aug 06 j 06:00	28°♑17'20	
min. Earth dist.	-9276 Sep 13 j 21:43	18°♑59'14	0.66022 AU
opposition	-9276 Sep 15 j 05:27	18°♑27'18	-2°34'26
greatest brilliancy	-9276 Sep 15 j 03:16	18°♑29'30	-1.4m
direct	-9276 Oct 24 j 22:11	8°♑54'10	
asc. node	-9276 Nov 23 j 02:05	13°♑29'27	
	-9275 Jan 03 j 10:30	0°♒	
	-9275 Feb 27 j 08:56	0°♓	
	-9275 Apr 16 j 03:26	0°♈	
	-9275 May 30 j 00:50	0°♉	
	-9275 Jul 10 j 04:25	0°♊	
evening set	-9275 Jul 30 j 15:01	15°♊28'22	
	-9275 Aug 18 j 11:35	0°♋	
	-9275 Sep 25 j 20:10	0°♌	
conjunction	-9275 Sep 29 j 19:39	3°♌07'26	0°19'27
minimum elong	-9275 Sep 29 j 21:26	3°♌10'57	0°19'56
max. Earth dist.	-9275 Oct 05 j 23:03	7°♌56'42	2.38086 AU
desc. node	-9275 Oct 25 j 12:26	23°♌15'26	
	-9275 Nov 03 j 04:21	0°♍	
morning rise	-9275 Dec 04 j 13:55	24°♍06'56	
	-9275 Dec 12 j 08:57	0°♎	
	-9274 Jan 22 j 04:31	0°♏	
	-9274 Mar 06 j 06:56	0°♐	
	-9274 Apr 21 j 09:01	0°♑	
	-9274 Jun 11 j 05:26	0°♒	
	-9274 Aug 21 j 06:01	0°♓	
retrograde	-9274 Sep 10 j 12:56	2°♓22'30	
	-9274 Sep 29 j 13:47	30°R♒	
asc. node	-9274 Oct 11 j 06:35	26°♒20'15	
opposition	-9274 Oct 19 j 16:48	23°♒05'01	0°19'56
greatest brilliancy	-9274 Oct 19 j 17:22	23°♒04'28	-1.4m
min. Earth dist.	-9274 Oct 22 j 02:33	22°♒07'39	0.65751 AU
direct	-9274 Nov 29 j 14:27	13°♒06'47	
	-9273 Jan 29 j 02:56	0°♓	
	-9273 Mar 24 j 13:41	0°♈	
	-9273 May 09 j 06:53	0°♉	
	-9273 Jun 20 j 01:09	0°♊	
	-9273 Jul 29 j 13:17	0°♋	
	-9273 Sep 05 j 23:59	0°♌	
desc. node	-9273 Sep 12 j 08:49	4°♌59'25	
evening set	-9273 Oct 04 j 01:03	21°♌56'07	
	-9273 Oct 14 j 10:14	0°♍	
	-9273 Nov 22 j 17:35	0°♎	
conjunction	-9273 Dec 05 j 09:19	9°♎25'45	-0°55'04
minimum elong	-9273 Dec 05 j 06:21	9°♎20'17	0°55'04
	-9272 Jan 02 j 15:14	0°♏	
max. Earth dist.	-9272 Jan 17 j 09:36	10°♏29'01	2.48688 AU
morning rise	-9272 Feb 03 j 01:41	22°♏06'04	
	-9272 Feb 14 j 14:20	0°♐	
	-9272 Mar 30 j 19:34	0°♑	
	-9272 May 17 j 11:06	0°♒	
	-9272 Jul 07 j 14:10	0°♓	
asc. node	-9272 Aug 28 j 07:53	25°♓47'06	
	-9272 Sep 08 j 02:05	0°♈	
retrograde	-9272 Oct 18 j 22:02	8°♈26'04	
opposition	-9272 Nov 25 j 04:29	0°♈06'50	3°31'25
	-9272 Nov 25 j 11:40	30°R♓	
greatest brilliancy	-9272 Nov 25 j 20:19	29°♓51'46	-1.7m
min. Earth dist.	-9272 Dec 01 j 05:02	27°♓49'18	0.59390 AU
direct	-9271 Jan 04 j 17:55	20°♓20'41	
	-9271 Feb 15 j 23:15	0°♈	
	-9271 Apr 13 j 01:41	0°♉	
	-9271 May 27 j 10:33	0°♊	
	-9271 Jul 07 j 01:25	0°♋	
desc. node	-9271 Jul 30 j 09:27	17°♋49'43	
	-9271 Aug 15 j 04:22	0°♌	
	-9271 Sep 23 j 03:53	0°♍	
	-9271 Nov 01 j 23:32	0°♎	
evening set	-9271 Dec 03 j 07:58	22°♎51'36	
	-9271 Dec 13 j 08:10	0°♏	
	-9270 Jan 25 j 14:40	0°♐	
conjunction	-9270 Jan 27 j 11:59	1°♐16'45	-1°11'30
minimum elong	-9270 Jan 27 j 12:43	1°♐17'58	1°11'58
max. Earth dist.	-9270 Feb 21 j 06:27	17°♐50'55	2.59516 AU
	-9270 Mar 11 j 18:32	0°♑	
morning rise	-9270 Mar 20 j 10:34	5°♑37'55	
	-9270 Apr 27 j 12:21	0°♒	
	-9270 Jun 14 j 13:12	0°♓	
asc. node	-9270 Jul 16 j 03:50	19°♓14'27	
	-9270 Aug 03 j 06:36	0°♈	
	-9270 Sep 26 j 17:44	0°♉	
retrograde	-9270 Dec 09 j 01:30	22°♉50'36	
opposition	-9269 Jan 11 j 22:12	16°♉08'28	6°13'37
greatest brilliancy	-9269 Jan 13 j 15:45	15°♉33'19	-2.2m
min. Earth dist.	-9269 Jan 20 j 03:46	13°♉22'02	0.47983 AU
direct	-9269 Feb 18 j 08:13	7°♉56'10	
	-9269 Apr 24 j 10:06	0°♊	
	-9269 Jun 10 j 07:43	0°♋	
desc. node	-9269 Jun 17 j 12:25	5°♋01'35	
	-9269 Jul 22 j 03:46	0°♌	
	-9269 Aug 31 j 21:25	0°♍	
	-9269 Oct 12 j 01:43	0°♎	
	-9269 Nov 23 j 12:25	0°♏	
	-9268 Jan 06 j 14:17	0°♐	
evening set	-9268 Jan 21 j 00:33	9°♐35'23	
	-9268 Feb 21 j 04:50	0°♑	
conjunction	-9268 Mar 11 j 01:25	12°♑11'07	-0°44'41
minimum elong	-9268 Mar 11 j 02:55	12°♑13'32	0°45'14
max. Earth dist.	-9268 Mar 18 j 15:59	17°♑04'33	2.65575 AU
	-9268 Apr 07 j 20:19	0°♒	
morning rise	-9268 Apr 27 j 19:02	12°♒43'50	
	-9268 May 24 j 20:59	0°♓	
asc. node	-9268 Jun 01 j 20:39	5°♓05'50	
	-9268 Jul 10 j 19:14	0°♈	
	-9268 Aug 26 j 15:36	0°♉	
	-9268 Oct 13 j 04:05	0°♊	
	-9268 Dec 02 j 21:56	0°♋	
retrograde	-9267 Feb 19 j 02:11	27°♋11'53	
opposition	-9267 Mar 21 j 17:47	22°♋05'16	3°23'25
greatest brilliancy	-9267 Mar 22 j 03:09	21°♋58'58	-2.9m
min. Earth dist.	-9267 Mar 23 j 11:25	21°♋37'16	0.38329 AU

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

direct	-9267 Apr 21 j 17:28	16°♋49'30	
desc. node	-9267 May 04 j 17:47	17°♋56'04	
	-9267 Jun 09 j 09:26	0°♌	
	-9267 Aug 01 j 05:36	0°♍	
	-9267 Sep 16 j 10:45	0°♎	
	-9267 Oct 31 j 19:28	0°♏	
	-9267 Dec 16 j 17:05	0°♐	
	-9266 Feb 01 j 09:33	0°♑	
evening set	-9266 Mar 02 j 07:04	18°♑24'40	
	-9266 Mar 20 j 11:53	0°♒	
max. Earth dist.	-9266 Apr 12 j 03:02	14°♒26'57	2.66295 AU
conjunction	-9266 Apr 19 j 03:10	18°♒56'24	-0°00'16
minimum elong	-9266 Apr 19 j 03:09	18°♒56'22	0°00'42
behind sun begin	-9266 Apr 18 j 07:46	18°♒25'17	
behind sun end	-9266 Apr 19 j 22:32	19°♒27'27	
asc. node	-9266 Apr 19 j 13:52	19°♒13'31	
	-9266 May 06 j 07:36	0°♓	
morning rise	-9266 Jun 04 j 11:30	18°♓58'20	
	-9266 Jun 21 j 05:06	0°♈	
	-9266 Aug 04 j 20:48	0°♉	
	-9266 Sep 17 j 07:41	0°♊	
	-9266 Oct 29 j 22:13	0°♋	
	-9266 Dec 11 j 08:51	0°♌	
	-9265 Jan 24 j 06:49	0°♍	
	-9265 Mar 17 j 03:29	0°♎	
desc. node	-9265 Mar 22 j 21:14	2°♎33'03	
retrograde	-9265 Apr 30 j 07:58	11°♎38'31	
min. Earth dist.	-9265 May 27 j 22:12	6°♎36'59	0.44139 AU
greatest brilliancy	-9265 Jun 03 j 10:28	4°♎28'12	-2.5m
opposition	-9265 Jun 04 j 18:44	4°♎01'24	-4°35'54
	-9265 Jun 18 j 11:51	30°℞♍	
direct	-9265 Jul 06 j 19:52	27°♍46'01	
	-9265 Jul 25 j 22:25	0°♎	
	-9265 Oct 03 j 12:17	0°♏	
	-9265 Nov 24 j 05:18	0°♐	
	-9264 Jan 12 j 12:07	0°♑	
	-9264 Feb 29 j 19:19	0°♒	
asc. node	-9264 Mar 06 j 09:48	3°♒31'15	
evening set	-9264 Apr 09 j 10:27	25°♒08'27	
	-9264 Apr 16 j 23:33	0°♓	
max. Earth dist.	-9264 May 06 j 11:50	12°♓41'49	2.61678 AU
conjunction	-9264 May 27 j 10:35	26°♓33'43	0°45'08
minimum elong	-9264 May 27 j 09:04	26°♓31'12	0°45'01
	-9264 Jun 01 j 13:47	0°♈	
morning rise	-9264 Jul 14 j 06:21	29°♈15'31	
	-9264 Jul 15 j 07:45	0°♉	
	-9264 Aug 26 j 07:11	0°♊	
	-9264 Oct 05 j 21:19	0°♋	
	-9264 Nov 14 j 16:20	0°♌	
	-9264 Dec 24 j 12:17	0°♍	
	-9263 Feb 03 j 14:32	0°♎	
desc. node	-9263 Feb 06 j 19:32	2°♎16'03	
	-9263 Mar 20 j 07:46	0°♏	
	-9263 May 18 j 22:20	0°♐	
retrograde	-9263 Jun 16 j 12:52	5°♐04'34	
	-9263 Jul 13 j 14:04	30°℞♏	
min. Earth dist.	-9263 Jul 19 j 03:11	27°♏57'44	0.56331 AU
greatest brilliancy	-9263 Jul 24 j 10:30	25°♏54'41	-1.8m
opposition	-9263 Jul 25 j 14:19	25°♏27'44	-5°29'39
direct	-9263 Aug 30 j 15:10	17°♏19'21	
	-9263 Oct 20 j 17:09	0°♐	
	-9263 Dec 19 j 08:54	0°♑	
asc. node	-9262 Jan 22 j 10:59	19°♑37'25	
	-9262 Feb 08 j 19:44	0°♒	
	-9262 Mar 29 j 03:58	0°♓	
	-9262 May 14 j 00:05	0°♈	
evening set	-9262 May 20 j 22:12	4°♈40'21	
max. Earth dist.	-9262 Jun 06 j 20:56	16°♈17'04	2.52248 AU
	-9262 Jun 26 j 10:49	0°♉	
conjunction	-9262 Jul 10 j 22:04	10°♉20'46	1°12'05
minimum elong	-9262 Jul 10 j 21:30	10°♉19'46	1°12'24
	-9262 Aug 06 j 18:32	0°♊	
morning rise	-9262 Sep 02 j 16:49	20°♊14'07	
	-9262 Sep 15 j 11:56	0°♋	
	-9262 Oct 24 j 07:57	0°♌	
	-9262 Dec 02 j 02:30	0°♍	
desc. node	-9262 Dec 25 j 14:38	17°♍55'10	
	-9261 Jan 10 j 17:43	0°♎	
	-9261 Feb 21 j 07:18	0°♏	
	-9261 Apr 07 j 11:03	0°♐	
	-9261 May 31 j 10:46	0°♑	
retrograde	-9261 Jul 24 j 13:59	14°♑44'14	
min. Earth dist.	-9261 Aug 30 j 19:02	5°♑55'56	0.64456 AU
opposition	-9261 Sep 02 j 13:57	4°♑48'42	-3°34'24
greatest brilliancy	-9261 Sep 02 j 06:35	4°♑56'05	-1.4m
	-9261 Sep 15 j 08:43	30°℞♐	
direct	-9261 Oct 11 j 11:21	25°♐32'49	
	-9261 Nov 09 j 02:44	0°♑	
asc. node	-9261 Dec 10 j 15:27	11°♑48'59	
	-9260 Jan 16 j 02:45	0°♒	
	-9260 Mar 07 j 20:28	0°♓	
	-9260 Apr 23 j 18:26	0°♈	
	-9260 Jun 06 j 10:03	0°♉	
evening set	-9260 Jul 08 j 02:11	22°♉57'55	
	-9260 Jul 17 j 13:08	0°♊	
max. Earth dist.	-9260 Aug 02 j 20:57	12°♊18'54	2.40402 AU
	-9260 Aug 25 j 21:46	0°♋	
conjunction	-9260 Sep 04 j 01:32	7°♋06'32	0°47'44
minimum elong	-9260 Sep 04 j 04:32	7°♋12'23	0°48'17
	-9260 Oct 03 j 08:04	0°♌	
morning rise	-9260 Nov 07 j 01:54	27°♌10'08	
	-9260 Nov 10 j 17:23	0°♍	
desc. node	-9260 Nov 11 j 08:30	0°♍29'20	
	-9260 Dec 19 j 22:41	0°♎	
	-9259 Jan 29 j 19:28	0°♏	
	-9259 Mar 14 j 03:03	0°♐	
	-9259 Apr 29 j 23:59	0°♑	
	-9259 Jun 23 j 02:57	0°♒	
retrograde	-9259 Aug 27 j 15:29	19°♒19'42	
opposition	-9259 Oct 06 j 06:11	9°♒46'40	-0°50'22
greatest brilliancy	-9259 Oct 06 j 07:12	9°♒45'40	-1.4m
min. Earth dist.	-9259 Oct 07 j 05:14	9°♒23'35	0.66594 AU
asc. node	-9259 Oct 27 j 20:36	2°♒15'48	
	-9259 Nov 12 j 03:44	30°℞♑	
direct	-9259 Nov 15 j 20:18	29°♑54'49	
	-9259 Nov 19 j 13:58	0°♒	
	-9258 Feb 11 j 02:53	0°♓	
	-9258 Apr 02 j 15:46	0°♈	
	-9258 May 17 j 09:50	0°♉	
	-9258 Jun 27 j 20:10	0°♊	
	-9258 Aug 06 j 05:13	0°♋	
evening set	-9258 Sep 07 j 21:16	25°♋31'15	
	-9258 Sep 13 j 14:09	0°♌	
desc. node	-9258 Sep 29 j 02:44	12°♌10'57	
	-9258 Oct 21 j 22:34	0°♍	
conjunction	-9258 Nov 10 j 10:22	15°♍01'56	-0°30'58
minimum elong	-9258 Nov 10 j 07:49	14°♍57'03	0°30'44
	-9258 Nov 30 j 03:45	0°♎	
max. Earth dist.	-9258 Dec 26 j 13:01	19°♎33'27	2.43684 AU

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9257 Jan 09 j 23:09	0°♏	
morning rise	-9257 Jan 12 j 12:55	1°♏50'40	
	-9257 Feb 21 j 21:27	0°♐	
	-9257 Apr 08 j 06:52	0°♑	
	-9257 May 26 j 16:45	0°♒	
	-9257 Jul 19 j 16:46	0°♓	
asc. node	-9257 Sep 14 j 23:20	21°♓58'50	
retrograde	-9257 Oct 03 j 17:13	24°♓00'23	
opposition	-9257 Nov 10 j 21:13	15°♓14'39	2°16'06
greatest brilliancy	-9257 Nov 11 j 04:50	15°♓07'14	-1.5m
min. Earth dist.	-9257 Nov 15 j 12:51	13°♓26'01	0.62596 AU
direct	-9257 Dec 21 j 19:44	5°♓17'18	
	-9256 Mar 05 j 08:34	0°♈	
	-9256 Apr 23 j 15:45	0°♉	
	-9256 Jun 05 j 13:04	0°♊	
	-9256 Jul 15 j 13:13	0°♋	
desc. node	-9256 Aug 16 j 01:48	24°♋22'32	
	-9256 Aug 23 j 07:13	0°♌	
	-9256 Sep 30 j 23:26	0°♍	
	-9256 Nov 09 j 12:32	0°♎	
evening set	-9256 Nov 11 j 01:54	1°♎09'37	
	-9256 Dec 20 j 15:15	0°♏	
conjunction	-9255 Jan 08 j 02:46	13°♏02'33	-1°12'05
minimum elong	-9255 Jan 08 j 02:08	13°♏01'26	1°12'26
	-9255 Feb 01 j 17:18	0°♐	
max. Earth dist.	-9255 Feb 09 j 03:44	5°♐02'13	2.55783 AU
morning rise	-9255 Mar 03 j 15:32	20°♐02'53	
	-9255 Mar 18 j 19:44	0°♑	
	-9255 May 04 j 18:33	0°♒	
	-9255 Jun 22 j 14:12	0°♓	
asc. node	-9255 Aug 01 j 21:06	23°♓28'11	
	-9255 Aug 13 j 17:02	0°♈	
	-9255 Oct 20 j 14:54	0°♉	
retrograde	-9255 Nov 17 j 00:00	4°♉06'07	
	-9255 Dec 12 j 13:11	30°℞♈	
opposition	-9255 Dec 22 j 10:04	26°♈40'04	5°22'16
greatest brilliancy	-9255 Dec 23 j 18:40	26°♈10'44	-2.0m
min. Earth dist.	-9255 Dec 30 j 04:58	23°♈52'16	0.52896 AU
direct	-9254 Jan 30 j 13:34	17°♈36'05	
	-9254 Mar 18 j 20:07	0°♉	
	-9254 May 09 j 22:17	0°♊	
	-9254 Jun 21 j 18:22	0°♋	
desc. node	-9254 Jul 04 j 05:35	9°♋10'51	
	-9254 Aug 01 j 00:30	0°♌	
	-9254 Sep 09 j 18:50	0°♍	
	-9254 Oct 20 j 05:49	0°♎	
	-9254 Dec 01 j 03:03	0°♏	
evening set	-9253 Jan 03 j 07:53	22°♏55'27	
	-9253 Jan 13 j 19:00	0°♐	
conjunction	-9253 Feb 23 j 23:47	27°♐17'21	-0°58'15
minimum elong	-9253 Feb 24 j 01:23	27°♐19'59	0°58'48
	-9253 Feb 28 j 03:34	0°♑	
max. Earth dist.	-9253 Mar 10 j 01:32	6°♑26'10	2.63830 AU
morning rise	-9253 Apr 14 j 00:07	28°♑52'52	
	-9253 Apr 15 j 18:12	0°♒	
	-9253 Jun 02 j 01:07	0°♓	
asc. node	-9253 Jun 19 j 14:10	11°♓04'07	
	-9253 Jul 19 j 17:34	0°♈	
	-9253 Sep 06 j 07:06	0°♉	
	-9253 Oct 28 j 01:57	0°♊	
retrograde	-9252 Jan 19 j 22:56	29°♊10'04	
opposition	-9252 Feb 20 j 10:14	23°♊40'44	5°48'36
greatest brilliancy	-9252 Feb 21 j 19:13	23°♊16'49	-2.7m
min. Earth dist.	-9252 Feb 26 j 12:30	21°♊55'19	0.40928 AU
direct	-9252 Mar 24 j 18:14	17°♊24'28	
	-9252 May 10 j 13:21	0°♋	
desc. node	-9252 May 21 j 09:47	5°♋28'48	
	-9252 Jul 01 j 02:24	0°♌	
	-9252 Aug 14 j 09:36	0°♍	
	-9252 Sep 26 j 15:04	0°♎	
	-9252 Nov 09 j 09:58	0°♏	
	-9252 Dec 24 j 09:12	0°♐	
	-9251 Feb 08 j 12:37	0°♑	
evening set	-9251 Feb 14 j 18:50	4°♑01'28	
	-9251 Mar 27 j 08:58	0°♒	
max. Earth dist.	-9251 Apr 02 j 16:25	4°♒01'56	2.66650 AU
conjunction	-9251 Apr 04 j 04:35	4°♒59'42	-0°18'25
minimum elong	-9251 Apr 04 j 05:18	5°♒00'51	0°18'55
asc. node	-9251 May 06 j 06:44	25°♒32'44	
	-9251 May 13 j 04:58	0°♓	
morning rise	-9251 May 20 j 18:33	4°♓52'36	
	-9251 Jun 28 j 09:39	0°♈	
	-9251 Aug 12 j 16:32	0°♉	
	-9251 Sep 26 j 04:43	0°♊	
	-9251 Nov 09 j 10:52	0°♋	
	-9251 Dec 24 j 16:59	0°♌	
	-9250 Feb 14 j 01:01	0°♍	
retrograde	-9250 Apr 06 j 04:42	14°♍40'00	
desc. node	-9250 Apr 08 j 13:08	14°♍37'41	
min. Earth dist.	-9250 May 03 j 08:08	10°♍05'46	0.40080 AU
opposition	-9250 May 09 j 04:39	8°♍22'50	-2°17'07
greatest brilliancy	-9250 May 08 j 14:58	8°♍32'55	-2.8m
direct	-9250 Jun 08 j 20:47	2°♍56'09	
	-9250 Aug 25 j 14:24	0°♎	
	-9250 Oct 15 j 19:46	0°♏	
	-9250 Dec 03 j 05:45	0°♐	
	-9249 Jan 20 j 04:35	0°♑	
	-9249 Mar 08 j 21:28	0°♒	
asc. node	-9249 Mar 24 j 02:15	9°♒38'15	
evening set	-9249 Mar 26 j 04:37	10°♒58'22	
	-9249 Apr 24 j 20:48	0°♓	
max. Earth dist.	-9249 Apr 27 j 10:23	1°♓39'37	2.64101 AU
conjunction	-9249 May 12 j 20:31	11°♓42'01	0°28'27
minimum elong	-9249 May 12 j 19:29	11°♓40'18	0°28'12
	-9249 Jun 09 j 12:40	0°♈	
morning rise	-9249 Jun 28 j 16:47	12°♈55'16	
	-9249 Jul 23 j 13:26	0°♉	
	-9249 Sep 03 j 23:49	0°♊	
	-9249 Oct 15 j 03:59	0°♋	
	-9249 Nov 24 j 15:30	0°♌	
	-9248 Jan 04 j 08:05	0°♍	
	-9248 Feb 15 j 22:06	0°♎	
desc. node	-9248 Feb 24 j 14:25	5°♎46'22	
	-9248 Apr 05 j 07:46	0°♏	
retrograde	-9248 May 30 j 13:39	16°♏47'28	
min. Earth dist.	-9248 Jun 30 j 01:15	10°♏30'29	0.51781 AU
greatest brilliancy	-9248 Jul 06 j 05:10	8°♏13'16	-2.0m
opposition	-9248 Jul 07 j 16:17	7°♏40'34	-5°42'51
direct	-9248 Aug 11 j 06:03	0°♏10'32	
	-9248 Nov 05 j 09:23	0°♐	
	-9248 Dec 28 j 17:44	0°♑	
asc. node	-9247 Feb 08 j 01:37	24°♑47'19	
	-9247 Feb 16 j 13:33	0°♒	
	-9247 Apr 05 j 07:48	0°♓	
evening set	-9247 May 04 j 04:55	18°♓47'49	
	-9247 May 21 j 00:18	0°♈	
max. Earth dist.	-9247 May 24 j 10:29	2°♈18'28	2.56438 AU
conjunction	-9247 Jun 22 j 14:51	22°♈20'08	1°05'33
minimum elong	-9247 Jun 22 j 13:26	22°♈17'40	1°05'42

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9247 Jul 03 j 12:55	0°♉	
morning rise	-9247 Aug 12 j 09:18	28°♉45'35	
	-9247 Aug 14 j 01:41	0°♊	
	-9247 Sep 23 j 01:44	0°♋	
	-9247 Nov 01 j 04:54	0°♌	
	-9247 Dec 10 j 06:30	0°♍	
desc. node	-9246 Jan 11 j 10:33	24°♍13'48	
	-9246 Jan 19 j 06:10	0°♎	
	-9246 Mar 02 j 11:22	0°♏	
	-9246 Apr 18 j 13:23	0°♐	
	-9246 Jul 02 j 05:05	0°♑	
retrograde	-9246 Jul 10 j 11:26	0°♑26'57	
	-9246 Jul 18 j 13:00	30°℞♐	
min. Earth dist.	-9246 Aug 15 j 00:48	22°♐13'46	0.61955 AU
opposition	-9246 Aug 19 j 07:08	20°♐31'44	-4°27'52
greatest brilliancy	-9246 Aug 18 j 16:38	20°♐46'13	-1.6m
direct	-9246 Sep 26 j 04:57	11°♐37'47	
	-9246 Nov 29 j 19:53	0°♑	
asc. node	-9246 Dec 27 j 05:12	13°♑38'42	
	-9245 Jan 25 j 19:40	0°♒	
	-9245 Mar 16 j 18:45	0°♓	
	-9245 May 02 j 03:44	0°♈	
	-9245 Jun 14 j 16:17	0°♉	
evening set	-9245 Jun 18 j 14:49	2°♉48'16	
max. Earth dist.	-9245 Jul 05 j 03:59	14°♉44'33	2.44887 AU
	-9245 Jul 25 j 20:15	0°♊	
conjunction	-9245 Aug 12 j 09:48	13°♊13'31	1°05'42
minimum elong	-9245 Aug 12 j 11:44	13°♊17'13	1°06'12
	-9245 Sep 03 j 07:20	0°♋	
morning rise	-9245 Oct 11 j 14:16	29°♋48'07	
	-9245 Oct 11 j 20:21	0°♌	
	-9245 Nov 19 j 07:56	0°♍	
desc. node	-9245 Nov 29 j 03:50	7°♍35'14	
	-9245 Dec 28 j 15:19	0°♎	
	-9244 Feb 07 j 15:40	0°♏	
	-9244 Mar 22 j 08:54	0°♐	
	-9244 May 09 j 14:47	0°♑	
	-9244 Jul 11 j 02:34	0°♒	
retrograde	-9244 Aug 14 j 01:32	6°♒18'11	
	-9244 Sep 14 j 04:26	30°℞♑	
opposition	-9244 Sep 22 j 22:51	26°♑33'18	-1°57'18
min. Earth dist.	-9244 Sep 22 j 10:56	26°♑45'17	0.66498 AU
greatest brilliancy	-9244 Sep 22 j 22:34	26°♑33'35	-1.4m
direct	-9244 Nov 02 j 00:25	16°♑52'19	
asc. node	-9244 Nov 13 j 10:13	17°♑39'03	
	-9244 Dec 24 j 21:05	0°♒	
	-9243 Feb 21 j 09:50	0°♓	
	-9243 Apr 10 j 23:57	0°♈	
	-9243 May 25 j 04:32	0°♉	
	-9243 Jul 05 j 10:43	0°♊	
evening set	-9243 Aug 13 j 06:04	29°♊35'36	
	-9243 Aug 13 j 18:40	0°♋	
	-9243 Sep 21 j 03:09	0°♌	
conjunction	-9243 Oct 14 j 20:38	18°♌37'15	0°00'53
minimum elong	-9243 Oct 14 j 20:47	18°♌37'34	0°01'18
behind sun begin	-9243 Oct 13 j 17:25	17°♌44'02	
behind sun end	-9243 Oct 16 j 00:09	19°♌31'04	
desc. node	-9243 Oct 15 j 23:18	19°♌29'24	
	-9243 Oct 29 j 10:40	0°♍	
max. Earth dist.	-9243 Nov 18 j 05:43	15°♍17'01	2.39215 AU
	-9243 Dec 07 j 14:27	0°♎	
morning rise	-9243 Dec 19 j 09:15	8°♎49'02	
	-9242 Jan 17 j 08:39	0°♏	
	-9242 Mar 01 j 07:48	0°♐	
	-9242 Apr 16 j 01:12	0°♑	
	-9242 Jun 04 j 16:54	0°♒	
	-9242 Aug 03 j 21:47	0°♓	
retrograde	-9242 Sep 18 j 18:27	10°♓24'42	
asc. node	-9242 Oct 01 j 14:00	9°♓20'51	
opposition	-9242 Oct 27 j 15:13	1°♓17'28	1°02'00
greatest brilliancy	-9242 Oct 27 j 17:30	1°♓15'13	-1.4m
	-9242 Oct 30 j 21:40	30°℞♒	
min. Earth dist.	-9242 Oct 30 j 20:31	0°♓01'08	0.64891 AU
direct	-9242 Dec 07 j 15:06	21°♒17'43	
	-9241 Jan 17 j 14:03	0°♓	
	-9241 Mar 18 j 03:43	0°♈	
	-9241 May 03 j 20:18	0°♉	
	-9241 Jun 14 j 22:57	0°♊	
	-9241 Jul 24 j 15:02	0°♋	
	-9241 Sep 01 j 04:04	0°♌	
desc. node	-9241 Sep 02 j 20:25	1°♌18'56	
	-9241 Oct 09 j 15:48	0°♍	
evening set	-9241 Oct 18 j 12:59	6°♍51'05	
	-9241 Nov 18 j 00:19	0°♎	
conjunction	-9241 Dec 18 j 13:25	22°♎31'06	-1°04'06
minimum elong	-9241 Dec 18 j 11:08	22°♎26'57	1°04'14
	-9241 Dec 28 j 22:39	0°♏	
max. Earth dist.	-9240 Jan 26 j 22:10	20°♏24'23	2.51335 AU
	-9240 Feb 09 j 21:22	0°♐	
morning rise	-9240 Feb 14 j 07:51	3°♐00'55	
	-9240 Mar 26 j 00:04	0°♑	
	-9240 May 12 j 07:13	0°♒	
	-9240 Jul 01 j 08:02	0°♓	
asc. node	-9240 Aug 18 j 13:31	25°♓58'20	
	-9240 Aug 27 j 01:10	0°♈	
retrograde	-9240 Oct 28 j 20:51	17°♈35'03	
opposition	-9240 Dec 04 j 13:12	9°♈32'55	4°13'40
greatest brilliancy	-9240 Dec 05 j 10:49	9°♈12'39	-1.7m
min. Earth dist.	-9240 Dec 11 j 06:55	7°♈01'31	0.57280 AU
	-9239 Jan 11 j 04:43	30°℞♓	
direct	-9239 Jan 13 j 18:09	29°♓57'22	
	-9239 Jan 16 j 07:52	0°♈	
	-9239 Apr 05 j 07:45	0°♉	
	-9239 May 21 j 06:52	0°♊	
	-9239 Jul 01 j 11:30	0°♋	
desc. node	-9239 Jul 20 j 21:15	14°♋40'47	
	-9239 Aug 09 j 21:58	0°♌	
	-9239 Sep 18 j 02:33	0°♍	
	-9239 Oct 28 j 02:17	0°♎	
	-9239 Dec 08 j 14:10	0°♏	
evening set	-9239 Dec 15 j 01:43	4°♏34'16	
	-9238 Jan 20 j 22:48	0°♐	
conjunction	-9238 Feb 06 j 20:28	11°♐21'20	-1°08'07
minimum elong	-9238 Feb 06 j 21:42	11°♐23'23	1°08'37
max. Earth dist.	-9238 Feb 27 j 16:44	25°♐08'06	2.61263 AU
	-9238 Mar 07 j 03:14	0°♑	
morning rise	-9238 Mar 29 j 14:48	14°♑33'27	
	-9238 Apr 22 j 18:41	0°♒	
	-9238 Jun 09 j 11:15	0°♓	
asc. node	-9238 Jul 06 j 08:40	16°♓38'35	
	-9238 Jul 28 j 06:37	0°♈	
	-9238 Sep 17 j 18:53	0°♉	
	-9238 Nov 22 j 04:39	0°♊	
retrograde	-9238 Dec 23 j 00:04	5°♊09'40	
	-9237 Jan 21 j 12:49	30°℞♉	
opposition	-9237 Jan 25 j 00:23	28°♉53'38	6°25'04
greatest brilliancy	-9237 Jan 26 j 19:10	28°♉19'00	-2.4m
min. Earth dist.	-9237 Feb 01 j 23:55	26°♉19'47	0.45294 AU
direct	-9237 Mar 02 j 03:11	21°♉18'47	
	-9237 Apr 09 j 01:50	0°♊	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9237 Jun 01 j 22:01	0°♋	
desc. node	-9237 Jun 08 j 01:29	4°♋03'28	
	-9237 Jul 15 j 10:18	0°♌	
	-9237 Aug 25 j 23:46	0°♍	
	-9237 Oct 06 j 16:33	0°♎	
	-9237 Nov 18 j 11:52	0°♏	
	-9236 Jan 01 j 19:28	0°♐	
evening set	-9236 Jan 30 j 15:26	18°♐59'56	
	-9236 Feb 16 j 13:29	0°♑	
conjunction	-9236 Mar 19 j 23:41	20°♑52'24	-0°35'34
minimum elong	-9236 Mar 20 j 00:58	20°♑54'28	0°36'06
max. Earth dist.	-9236 Mar 24 j 05:49	23°♑35'56	2.66183 AU
	-9236 Apr 03 j 06:00	0°♒	
morning rise	-9236 May 06 j 04:54	21°♒03'30	
	-9236 May 20 j 04:14	0°♓	
asc. node	-9236 May 23 j 01:23	1°♓50'46	
	-9236 Jul 05 j 19:06	0°♈	
	-9236 Aug 20 j 23:17	0°♉	
	-9236 Oct 06 j 02:32	0°♊	
	-9236 Nov 22 j 10:48	0°♋	
	-9235 Jan 14 j 23:33	0°♌	
retrograde	-9235 Mar 08 j 12:10	14°♌38'00	
min. Earth dist.	-9235 Apr 07 j 07:07	9°♌42'33	0.38144 AU
opposition	-9235 Apr 08 j 15:19	9°♌20'49	1°19'33
greatest brilliancy	-9235 Apr 08 j 15:37	9°♌20'37	-2.9m
desc. node	-9235 Apr 25 j 06:06	5°♌27'59	
direct	-9235 May 08 j 21:13	4°♌15'57	
	-9235 Jul 21 j 14:29	0°♍	
	-9235 Sep 09 j 06:14	0°♎	
	-9235 Oct 25 j 23:29	0°♏	
	-9235 Dec 11 j 13:16	0°♐	
	-9234 Jan 27 j 14:26	0°♑	
evening set	-9234 Mar 11 j 00:44	26°♑55'06	
	-9234 Mar 15 j 21:08	0°♒	
asc. node	-9234 Apr 09 j 19:22	15°♒53'43	
max. Earth dist.	-9234 Apr 17 j 16:11	20°♒56'19	2.65743 AU
conjunction	-9234 Apr 27 j 16:54	27°♒23'36	0°10'25
minimum elong	-9234 Apr 27 j 16:31	27°♒22'59	0°10'03
behind sun begin	-9234 Apr 27 j 01:10	26°♒58'14	
behind sun end	-9234 Apr 28 j 07:53	27°♒47'44	
	-9234 May 01 j 17:49	0°♓	
morning rise	-9234 Jun 13 j 02:31	27°♓42'40	
	-9234 Jun 16 j 13:15	0°♈	
	-9234 Jul 30 j 23:06	0°♉	
	-9234 Sep 12 j 00:01	0°♊	
	-9234 Oct 23 j 23:41	0°♋	
	-9234 Dec 04 j 12:36	0°♌	
	-9233 Jan 15 j 18:53	0°♍	
	-9233 Mar 02 j 22:34	0°♎	
desc. node	-9233 Mar 13 j 07:13	5°♎54'35	
retrograde	-9233 May 12 j 10:31	25°♎38'49	
min. Earth dist.	-9233 Jun 09 j 22:13	20°♎12'31	0.46849 AU
greatest brilliancy	-9233 Jun 16 j 12:46	17°♎54'54	-2.3m
opposition	-9233 Jun 18 j 01:25	17°♎22'55	-5°17'36
direct	-9233 Jul 20 j 23:42	10°♎39'11	
	-9233 Sep 23 j 14:04	0°♏	
	-9233 Nov 17 j 20:18	0°♐	
	-9232 Jan 07 j 05:25	0°♑	
	-9232 Feb 24 j 23:44	0°♒	
asc. node	-9232 Feb 25 j 16:59	0°♒26'54	
	-9232 Apr 12 j 08:32	0°♓	
evening set	-9232 Apr 18 j 07:06	3°♓50'08	
max. Earth dist.	-9232 May 12 j 19:10	19°♓52'16	2.60031 AU
	-9232 May 27 j 23:52	0°♈	
conjunction	-9232 Jun 05 j 15:38	5°♈50'22	0°53'38
minimum elong	-9232 Jun 05 j 14:01	5°♈47'38	0°53'37
	-9232 Jul 10 j 16:15	0°♉	
morning rise	-9232 Jul 24 j 06:54	9°♉37'40	
	-9232 Aug 21 j 12:01	0°♊	
	-9232 Sep 30 j 20:43	0°♋	
	-9232 Nov 09 j 09:14	0°♌	
	-9232 Dec 18 j 20:46	0°♍	
desc. node	-9231 Jan 28 j 06:29	29°♍53'57	
	-9231 Jan 28 j 09:50	0°♎	
	-9231 Mar 12 j 19:40	0°♏	
	-9231 May 03 j 11:17	0°♐	
retrograde	-9231 Jun 25 j 14:53	15°♐03'06	
min. Earth dist.	-9231 Jul 29 j 07:51	7°♐30'43	0.58567 AU
greatest brilliancy	-9231 Aug 03 j 01:50	5°♐38'57	-1.7m
opposition	-9231 Aug 04 j 00:46	5°♐16'25	-5°11'29
	-9231 Aug 18 j 23:32	30°℞♏	
direct	-9231 Sep 09 j 18:54	26°♏49'48	
	-9231 Oct 03 j 08:10	0°♐	
	-9231 Dec 12 j 12:48	0°♑	
asc. node	-9230 Jan 12 j 18:20	17°♑19'30	
	-9230 Feb 03 j 10:52	0°♒	
	-9230 Mar 24 j 07:12	0°♓	
	-9230 May 09 j 07:56	0°♈	
evening set	-9230 May 30 j 22:52	14°♈42'23	
max. Earth dist.	-9230 Jun 15 j 20:42	25°♈47'30	2.49718 AU
	-9230 Jun 21 j 19:43	0°♉	
conjunction	-9230 Jul 22 j 01:57	21°♉51'00	1°12'29
minimum elong	-9230 Jul 22 j 02:12	21°♉51'27	1°12'53
	-9230 Aug 02 j 02:34	0°♊	
	-9230 Sep 10 j 17:54	0°♋	
morning rise	-9230 Sep 15 j 22:31	3°♋59'38	
	-9230 Oct 19 j 11:25	0°♌	
	-9230 Nov 27 j 02:59	0°♍	
desc. node	-9230 Dec 16 j 01:23	14°♍30'44	
	-9229 Jan 05 j 14:11	0°♎	
	-9229 Feb 15 j 20:48	0°♏	
	-9229 Apr 01 j 06:40	0°♐	
	-9229 May 22 j 03:17	0°♑	
retrograde	-9229 Aug 01 j 12:26	23°♑02'20	
min. Earth dist.	-9229 Sep 08 j 13:22	13°♑56'40	0.65437 AU
opposition	-9229 Sep 10 j 12:26	13°♑09'17	-3°00'10
greatest brilliancy	-9229 Sep 10 j 08:16	13°♑13'29	-1.4m
direct	-9229 Oct 19 j 20:50	3°♑43'11	
asc. node	-9229 Nov 30 j 23:00	12°♑33'59	
	-9228 Jan 08 j 21:46	0°♒	
	-9228 Mar 02 j 08:57	0°♓	
	-9228 Apr 18 j 19:41	0°♈	
	-9228 Jun 01 j 15:53	0°♉	
	-9228 Jul 12 j 20:17	0°♊	
evening set	-9228 Jul 20 j 13:59	5°♊48'40	
	-9228 Aug 21 j 04:41	0°♋	
max. Earth dist.	-9228 Aug 31 j 05:11	7°♋47'06	2.38582 AU
conjunction	-9228 Sep 18 j 09:24	21°♋59'50	0°32'43
minimum elong	-9228 Sep 18 j 12:03	22°♋05'01	0°33'14
	-9228 Sep 28 j 14:15	0°♌	
desc. node	-9228 Nov 01 j 18:10	26°♌44'45	
	-9228 Nov 05 j 22:34	0°♍	
morning rise	-9228 Nov 22 j 17:56	12°♍59'12	
	-9228 Dec 15 j 02:37	0°♎	
	-9227 Jan 24 j 21:28	0°♏	
	-9227 Mar 09 j 00:04	0°♐	
	-9227 Apr 24 j 07:08	0°♑	
	-9227 Jun 15 j 02:47	0°♒	
retrograde	-9227 Sep 04 j 14:25	27°♒15'13	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

opposition	-9227 Oct 13 j 23:38	17°♒50'28	-0°09'48
greatest brilliancy	-9227 Oct 14 j 00:02	17°♒50'04	-1.4m
min. Earth dist.	-9227 Oct 15 j 18:13	17°♒07'59	0.66247 AU
asc. node	-9227 Oct 18 j 03:46	16°♒10'52	
direct	-9227 Nov 23 j 18:35	7°♒54'20	
	-9226 Feb 03 j 07:52	0°♓	
	-9226 Mar 27 j 22:22	0°♈	
	-9226 May 12 j 06:32	0°♉	
	-9226 Jun 22 j 22:22	0°♊	
	-9226 Aug 01 j 09:40	0°♋	
	-9226 Sep 08 j 19:41	0°♌	
desc. node	-9226 Sep 19 j 14:01	8°♌26'44	
evening set	-9226 Sep 22 j 15:52	10°♌51'29	
	-9226 Oct 17 j 04:33	0°♍	
conjunction	-9226 Nov 24 j 19:14	29°♍32'24	-0°45'52
minimum elong	-9226 Nov 24 j 16:09	29°♍26'36	0°45'46
	-9226 Nov 25 j 09:55	0°♎	
	-9225 Jan 05 j 05:21	0°♏	
max. Earth dist.	-9225 Jan 09 j 00:28	2°♏43'11	2.46451 AU
morning rise	-9225 Jan 25 j 02:00	14°♏05'23	
	-9225 Feb 17 j 02:30	0°♐	
	-9225 Apr 03 j 07:55	0°♑	
	-9225 May 21 j 04:47	0°♒	
	-9225 Jul 12 j 05:40	0°♓	
asc. node	-9225 Sep 05 j 05:44	25°♓18'12	
	-9225 Sep 21 j 10:51	0°♈	
retrograde	-9225 Oct 12 j 20:07	2°♈35'23	
	-9225 Nov 01 j 21:18	30°℞♓	
opposition	-9225 Nov 19 j 12:40	24°♓03'48	2°59'30
greatest brilliancy	-9225 Nov 20 j 00:39	23°♓52'16	-1.6m
min. Earth dist.	-9225 Nov 24 j 22:59	21°♓58'23	0.60932 AU
direct	-9225 Dec 30 j 07:25	14°♓11'16	
	-9224 Feb 24 j 18:50	0°♈	
	-9224 Apr 17 j 05:52	0°♉	
	-9224 May 30 j 22:55	0°♊	
	-9224 Jul 10 j 07:25	0°♋	
desc. node	-9224 Aug 06 j 14:07	20°♋57'31	
	-9224 Aug 18 j 06:21	0°♌	
	-9224 Sep 26 j 01:57	0°♍	
	-9224 Nov 04 j 17:34	0°♎	
evening set	-9224 Nov 23 j 23:11	14°♎10'11	
	-9224 Dec 15 j 22:18	0°♏	
conjunction	-9223 Jan 19 j 09:11	24°♏04'38	-1°12'36
minimum elong	-9223 Jan 19 j 09:24	24°♏04'59	1°13'02
	-9223 Jan 28 j 01:20	0°♐	
max. Earth dist.	-9223 Feb 16 j 08:11	12°♐59'06	2.57931 AU
morning rise	-9223 Mar 13 j 10:03	29°♐31'47	
	-9223 Mar 14 j 03:21	0°♑	
	-9223 Apr 29 j 22:05	0°♒	
	-9223 Jun 17 j 05:26	0°♓	
asc. node	-9223 Jul 23 j 02:29	21°♓30'03	
	-9223 Aug 06 j 18:50	0°♈	
	-9223 Oct 03 j 13:35	0°♉	
retrograde	-9223 Nov 29 j 03:25	14°♉51'47	
opposition	-9222 Jan 02 j 17:10	7°♉49'08	5°54'29
greatest brilliancy	-9222 Jan 04 j 07:23	7°♉15'45	-2.1m
min. Earth dist.	-9222 Jan 10 j 20:00	4°♉59'32	0.50208 AU
	-9222 Jan 30 j 03:06	30°℞♈	
direct	-9222 Feb 09 j 23:17	29°♈10'57	
	-9222 Feb 20 j 23:55	0°♉	
	-9222 May 01 j 08:14	0°♊	
	-9222 Jun 15 j 00:59	0°♋	
desc. node	-9222 Jun 24 j 16:33	6°♋55'32	
	-9222 Jul 26 j 01:49	0°♌	
	-9222 Sep 04 j 07:36	0°♍	
	-9222 Oct 15 j 02:39	0°♎	
	-9222 Nov 26 j 06:00	0°♏	
	-9221 Jan 09 j 02:00	0°♐	
evening set	-9221 Jan 13 j 14:35	3°♐01'49	
	-9221 Feb 23 j 12:54	0°♑	
conjunction	-9221 Mar 05 j 07:19	6°♑20'15	-0°50'45
minimum elong	-9221 Mar 05 j 08:56	6°♑22'51	0°51'18
max. Earth dist.	-9221 Mar 15 j 19:52	13°♑07'47	2.64898 AU
	-9221 Apr 11 j 03:17	0°♒	
morning rise	-9221 Apr 22 j 13:20	7°♒17'05	
	-9221 May 28 j 06:17	0°♓	
asc. node	-9221 Jun 09 j 19:40	7°♓58'39	
	-9221 Jul 14 j 12:01	0°♈	
	-9221 Aug 31 j 00:06	0°♉	
	-9221 Oct 18 j 23:22	0°♊	
	-9221 Dec 13 j 11:03	0°♋	
retrograde	-9220 Feb 06 j 08:28	14°♋54'01	
opposition	-9220 Mar 08 j 02:46	9°♋42'47	4°40'39
greatest brilliancy	-9220 Mar 08 j 23:16	9°♋28'41	-2.8m
min. Earth dist.	-9220 Mar 12 j 02:16	8°♋37'09	0.39165 AU
direct	-9220 Apr 09 j 00:58	4°♋05'08	
desc. node	-9220 May 11 j 21:27	10°♋41'01	
	-9220 Jun 20 j 04:48	0°♌	
	-9220 Aug 06 j 19:45	0°♍	
	-9220 Sep 20 j 10:20	0°♎	
	-9220 Nov 03 j 23:36	0°♏	
	-9220 Dec 19 j 09:35	0°♐	
	-9219 Feb 03 j 19:27	0°♑	
evening set	-9219 Feb 23 j 18:30	12°♑46'07	
	-9219 Mar 22 j 18:44	0°♒	
max. Earth dist.	-9219 Apr 08 j 03:44	10°♒27'23	2.66562 AU
conjunction	-9219 Apr 12 j 19:12	13°♒25'37	-0°07'58
minimum elong	-9219 Apr 12 j 19:32	13°♒26'09	0°08'26
behind sun begin	-9219 Apr 12 j 02:43	12°♒59'17	
behind sun end	-9219 Apr 13 j 12:20	13°♒53'01	
asc. node	-9219 Apr 26 j 12:23	22°♒13'03	
	-9219 May 08 j 14:36	0°♓	
morning rise	-9219 May 29 j 04:28	13°♓19'31	
	-9219 Jun 23 j 15:41	0°♈	
	-9219 Aug 07 j 14:12	0°♉	
	-9219 Sep 20 j 11:57	0°♊	
	-9219 Nov 02 j 17:56	0°♋	
	-9219 Dec 16 j 04:13	0°♌	
	-9218 Jan 31 j 02:02	0°♍	
desc. node	-9218 Mar 30 j 02:03	27°♍44'50	
	-9218 Apr 09 j 22:36	0°♎	
retrograde	-9218 Apr 20 j 08:06	0°♎45'17	
	-9218 Apr 30 j 14:53	30°℞♍	
min. Earth dist.	-9218 May 17 j 11:57	26°♍00'00	0.42127 AU
opposition	-9218 May 24 j 17:43	23°♍43'35	-3°47'15
greatest brilliancy	-9218 May 23 j 15:59	24°♍03'55	-2.6m
direct	-9218 Jun 25 j 02:22	17°♍51'21	
	-9218 Aug 12 j 06:28	0°♎	
	-9218 Oct 08 j 11:36	0°♏	
	-9218 Nov 27 j 12:07	0°♐	
	-9217 Jan 15 j 03:32	0°♑	
	-9217 Mar 04 j 04:14	0°♒	
asc. node	-9217 Mar 14 j 08:01	6°♒24'29	
evening set	-9217 Apr 03 j 22:26	19°♒30'02	
	-9217 Apr 20 j 06:42	0°♓	
max. Earth dist.	-9217 May 03 j 07:00	8°♓26'25	2.62868 AU
conjunction	-9217 May 21 j 17:21	20°♓32'30	0°38'19
minimum elong	-9217 May 21 j 16:01	20°♓30'17	0°38'08
	-9217 Jun 04 j 22:31	0°♈	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

morning rise	-9217 Jul 08 j 00:25	22°♈29'17	
	-9217 Jul 18 j 20:12	0°♉	
	-9217 Aug 30 j 01:09	0°♊	
	-9217 Oct 09 j 21:34	0°♋	
	-9217 Nov 18 j 23:32	0°♌	
	-9217 Dec 29 j 03:05	0°♍	
	-9216 Feb 08 j 16:47	0°♎	
desc. node	-9216 Feb 15 j 01:20	4°♎24'04	
	-9216 Mar 25 j 17:04	0°♏	
retrograde	-9216 Jun 09 j 12:25	27°♏54'41	
min. Earth dist.	-9216 Jul 11 j 03:58	21°♏09'32	0.54364 AU
greatest brilliancy	-9216 Jul 16 j 21:07	18°♏59'07	-1.9m
opposition	-9216 Jul 18 j 04:26	18°♏29'13	-5°39'00
direct	-9216 Aug 22 j 14:23	10°♏36'54	
	-9216 Oct 27 j 09:32	0°♐	
	-9216 Dec 22 j 18:18	0°♑	
asc. node	-9215 Jan 29 j 08:14	22°♑03'46	
	-9215 Feb 11 j 11:18	0°♒	
	-9215 Mar 31 j 13:59	0°♓	
evening set	-9215 May 13 j 15:40	28°♓09'16	
	-9215 May 16 j 09:42	0°♈	
max. Earth dist.	-9215 May 31 j 22:13	10°♈31'19	2.54205 AU
	-9215 Jun 28 j 22:22	0°♉	
conjunction	-9215 Jul 02 j 20:23	2°♉46'32	1°10'05
minimum elong	-9215 Jul 02 j 19:22	2°♉44'43	1°10'20
	-9215 Aug 09 j 09:19	0°♊	
morning rise	-9215 Aug 24 j 03:31	10°♊59'34	
	-9215 Sep 18 j 06:07	0°♋	
	-9215 Oct 27 j 05:21	0°♌	
	-9215 Dec 05 j 02:31	0°♍	
desc. node	-9214 Jan 01 j 20:41	21°♍04'19	
	-9214 Jan 13 j 20:02	0°♎	
	-9214 Feb 24 j 13:56	0°♏	
	-9214 Apr 11 j 06:47	0°♐	
	-9214 Jun 07 j 16:30	0°♑	
retrograde	-9214 Jul 18 j 16:44	9°♑11'34	
min. Earth dist.	-9214 Aug 24 j 04:43	0°♑37'55	0.63449 AU
	-9214 Aug 25 j 18:34	30°℞♐	
opposition	-9214 Aug 27 j 14:59	29°♐15'23	-3°57'53
greatest brilliancy	-9214 Aug 27 j 04:45	29°♐25'40	-1.5m
direct	-9214 Oct 05 j 02:02	20°♐08'37	
	-9214 Nov 18 j 18:36	0°♑	
asc. node	-9214 Dec 17 j 12:21	12°♑38'16	
	-9213 Jan 19 j 15:14	0°♒	
	-9213 Mar 11 j 14:24	0°♓	
	-9213 Apr 27 j 08:02	0°♈	
	-9213 Jun 09 j 23:36	0°♉	
evening set	-9213 Jun 30 j 00:17	14°♉23'29	
max. Earth dist.	-9213 Jul 20 j 02:02	29°♉11'01	2.42320 AU
	-9213 Jul 21 j 04:18	0°♊	
conjunction	-9213 Aug 25 j 11:47	26°♊49'11	0°56'55
minimum elong	-9213 Aug 25 j 14:30	26°♊54'26	0°57'27
	-9213 Aug 29 j 14:39	0°♋	
	-9213 Oct 07 j 02:21	0°♌	
morning rise	-9213 Oct 26 j 22:31	15°♌31'53	
	-9213 Nov 14 j 12:19	0°♍	
desc. node	-9213 Nov 19 j 14:36	3°♍56'51	
	-9213 Dec 23 j 17:29	0°♎	
	-9212 Feb 02 j 14:19	0°♏	
	-9212 Mar 16 j 23:39	0°♐	
	-9212 May 03 j 06:00	0°♑	
	-9212 Jun 28 j 12:31	0°♒	
retrograde	-9212 Aug 21 j 21:18	14°♒14'54	
opposition	-9212 Sep 30 j 15:19	4°♒36'14	-1°18'47
greatest brilliancy	-9212 Sep 30 j 16:06	4°♒35'27	-1.4m
min. Earth dist.	-9212 Sep 30 j 23:10	4°♒28'21	0.66664 AU
	-9212 Oct 12 j 14:49	30°℞♑	
asc. node	-9212 Nov 03 j 18:02	25°♑03'40	
direct	-9212 Nov 10 j 00:11	24°♑48'35	
	-9212 Dec 11 j 03:56	0°♒	
	-9211 Feb 14 j 23:02	0°♓	
	-9211 Apr 05 j 15:45	0°♈	
	-9211 May 20 j 05:02	0°♉	
	-9211 Jun 30 j 14:42	0°♊	
	-9211 Aug 08 j 23:52	0°♋	
evening set	-9211 Aug 27 j 13:54	14°♋28'37	
	-9211 Sep 16 j 08:49	0°♌	
desc. node	-9211 Oct 06 j 08:49	15°♌41'54	
	-9211 Oct 24 j 16:34	0°♍	
conjunction	-9211 Oct 29 j 23:32	4°♍06'21	-0°17'47
minimum elong	-9211 Oct 29 j 21:56	4°♍03'15	0°17'26
	-9211 Dec 02 j 20:14	0°♎	
max. Earth dist.	-9211 Dec 12 j 22:59	7°♎34'38	2.41518 AU
morning rise	-9210 Jan 02 j 09:17	22°♎37'39	
	-9210 Jan 12 j 13:54	0°♏	
	-9210 Feb 24 j 10:55	0°♐	
	-9210 Apr 10 j 21:43	0°♑	
	-9210 May 29 j 16:31	0°♒	
	-9210 Jul 24 j 11:12	0°♓	
asc. node	-9210 Sep 21 j 21:20	18°♓23'30	
retrograde	-9210 Sep 27 j 05:33	18°♓34'00	
opposition	-9210 Nov 04 j 17:30	9°♓38'10	1°44'36
greatest brilliancy	-9210 Nov 04 j 22:28	9°♓33'18	-1.5m
min. Earth dist.	-9210 Nov 08 j 18:12	8°♓03'20	0.63742 AU
	-9210 Dec 08 j 08:21	30°℞♒	
direct	-9210 Dec 15 j 17:28	29°♒38'37	
	-9210 Dec 23 j 06:25	0°♓	
	-9209 Mar 11 j 01:29	0°♈	
	-9209 Apr 28 j 03:23	0°♉	
	-9209 Jun 09 j 17:08	0°♊	
	-9209 Jul 19 j 13:58	0°♋	
desc. node	-9209 Aug 24 j 06:47	27°♋41'43	
	-9209 Aug 27 j 05:40	0°♌	
	-9209 Oct 04 j 19:22	0°♍	
evening set	-9209 Nov 01 j 16:55	21°♍20'01	
	-9209 Nov 13 j 05:24	0°♎	
	-9209 Dec 24 j 05:01	0°♏	
conjunction	-9209 Dec 31 j 02:37	4°♏54'59	-1°09'49
minimum elong	-9209 Dec 31 j 01:16	4°♏52'35	1°10'05
max. Earth dist.	-9208 Feb 04 j 08:49	29°♏26'51	2.53885 AU
	-9208 Feb 05 j 04:16	0°♐	
morning rise	-9208 Feb 25 j 00:24	13°♐22'43	
	-9208 Mar 21 j 05:31	0°♑	
	-9208 May 07 j 06:23	0°♒	
	-9208 Jun 25 j 12:01	0°♓	
asc. node	-9208 Aug 08 j 19:50	25°♓08'00	
	-9208 Aug 18 j 01:59	0°♈	
retrograde	-9208 Nov 08 j 11:06	27°♈11'33	
opposition	-9208 Dec 14 j 11:07	19°♈28'23	4°53'44
greatest brilliancy	-9208 Dec 15 j 14:55	19°♈02'50	-1.9m
min. Earth dist.	-9208 Dec 21 j 19:30	16°♈46'28	0.54952 AU
direct	-9207 Jan 23 j 03:23	10°♈07'50	
	-9207 Mar 26 j 21:34	0°♉	
	-9207 May 14 j 14:19	0°♊	
	-9207 Jun 25 j 15:01	0°♋	
desc. node	-9207 Jul 11 j 09:58	11°♋46'58	
	-9207 Aug 04 j 11:23	0°♌	
	-9207 Sep 12 j 22:33	0°♍	
	-9207 Oct 23 j 03:04	0°♎	
	-9207 Dec 03 j 18:43	0°♏	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

evening set	-9207 Dec 26 j 06:53	15°♏41'42	
	-9206 Jan 16 j 05:58	0°♐	
conjunction	-9206 Feb 16 j 19:50	21°♐03'08	-1°02'55
minimum elong	-9206 Feb 16 j 21:21	21°♐05'39	1°03'28
	-9206 Mar 02 j 11:38	0°♑	
max. Earth dist.	-9206 Mar 05 j 22:01	2°♑14'09	2.62788 AU
morning rise	-9206 Apr 07 j 13:13	23°♑16'52	
	-9206 Apr 18 j 01:45	0°♒	
	-9206 Jun 04 j 12:15	0°♓	
asc. node	-9206 Jun 26 j 13:40	13°♓48'59	
	-9206 Jul 22 j 15:00	0°♈	
	-9206 Sep 10 j 05:31	0°♉	
	-9206 Nov 04 j 09:43	0°♊	
retrograde	-9205 Jan 07 j 05:11	18°♊36'58	
opposition	-9205 Feb 08 j 09:03	12°♊47'44	6°15'11
greatest brilliancy	-9205 Feb 10 j 00:37	12°♊17'33	-2.5m
min. Earth dist.	-9205 Feb 15 j 15:03	10°♊36'05	0.42749 AU
direct	-9205 Mar 14 j 23:51	5°♊55'56	
	-9205 May 22 j 04:57	0°♋	
desc. node	-9205 May 29 j 14:15	4°♋23'10	
	-9205 Jul 07 j 20:29	0°♌	
	-9205 Aug 19 j 16:13	0°♍	
	-9205 Oct 01 j 02:16	0°♎	
	-9205 Nov 13 j 08:37	0°♏	
	-9205 Dec 27 j 23:17	0°♐	
evening set	-9204 Feb 09 j 00:03	28°♐07'47	
	-9204 Feb 11 j 21:31	0°♑	
conjunction	-9204 Mar 28 j 18:39	29°♑26'33	-0°25'47
minimum elong	-9204 Mar 28 j 19:38	29°♑28'07	0°26'17
	-9204 Mar 29 j 15:36	0°♒	
max. Earth dist.	-9204 Mar 29 j 19:35	0°♒06'22	2.66545 AU
asc. node	-9204 May 13 j 06:06	28°♒32'31	
morning rise	-9204 May 14 j 14:03	29°♒23'48	
	-9204 May 15 j 12:35	0°♓	
	-9204 Jun 30 j 21:51	0°♈	
	-9204 Aug 15 j 13:45	0°♉	
	-9204 Sep 29 j 17:30	0°♊	
	-9204 Nov 14 j 01:49	0°♋	
	-9204 Dec 31 j 15:01	0°♌	
	-9203 Mar 06 j 22:25	0°♍	
retrograde	-9203 Mar 25 j 06:13	2°♍09'11	
	-9203 Apr 12 j 12:02	30°℞♌	
desc. node	-9203 Apr 15 j 17:56	29°♌14'08	
min. Earth dist.	-9203 Apr 22 j 02:58	27°♌33'00	0.38871 AU
opposition	-9203 Apr 26 j 05:23	26°♌24'21	-0°49'09
greatest brilliancy	-9203 Apr 26 j 01:33	26°♌27'01	-2.9m
direct	-9203 May 26 j 11:35	21°♌13'02	
	-9203 Jul 05 j 01:04	0°♍	
	-9203 Aug 31 j 22:52	0°♎	
	-9203 Oct 19 j 17:44	0°♏	
	-9203 Dec 06 j 05:20	0°♐	
	-9202 Jan 22 j 17:28	0°♑	
	-9202 Mar 11 j 05:25	0°♒	
evening set	-9202 Mar 19 j 18:10	5°♒24'46	
asc. node	-9202 Mar 31 j 00:55	12°♒35'41	
max. Earth dist.	-9202 Apr 23 j 09:04	27°♒33'27	2.64939 AU
	-9202 Apr 27 j 03:52	0°♓	
conjunction	-9202 May 06 j 09:04	5°♓58'17	0°20'58
minimum elong	-9202 May 06 j 08:17	5°♓57'01	0°20'40
	-9202 Jun 11 j 21:59	0°♈	
morning rise	-9202 Jun 21 j 22:55	6°♈42'58	
	-9202 Jul 26 j 03:25	0°♉	
	-9202 Sep 06 j 20:43	0°♊	
	-9202 Oct 18 j 09:20	0°♋	

	-9202 Nov 28 j 06:54	0°♌	
	-9201 Jan 08 j 12:46	0°♍	
	-9201 Feb 21 j 04:03	0°♎	
desc. node	-9201 Mar 03 j 19:39	6°♎45'42	
	-9201 Apr 16 j 13:27	0°♏	
retrograde	-9201 May 23 j 15:56	8°♏26'34	
min. Earth dist.	-9201 Jun 22 j 04:18	2°♏33'04	0.49584 AU
greatest brilliancy	-9201 Jun 28 j 15:06	0°♏13'21	-2.2m
	-9201 Jun 29 j 05:47	30°℞♎	
opposition	-9201 Jun 30 j 03:58	29°♎39'53	-5°38'24
direct	-9201 Aug 03 j 00:51	22°♎29'41	
	-9201 Sep 09 j 06:16	0°♏	
	-9201 Nov 10 j 20:36	0°♐	
	-9200 Jan 01 j 17:57	0°♑	
asc. node	-9200 Feb 15 j 23:19	27°♑27'24	
	-9200 Feb 20 j 02:05	0°♒	
	-9200 Apr 07 j 16:42	0°♓	
evening set	-9200 Apr 27 j 08:30	12°♓44'26	
max. Earth dist.	-9200 May 19 j 11:11	27°♓21'53	2.58123 AU
	-9200 May 23 j 09:35	0°♈	
conjunction	-9200 Jun 15 j 05:30	15°♈31'12	1°01'02
minimum elong	-9200 Jun 15 j 03:55	15°♈28'30	1°01'06
	-9200 Jul 06 j 00:45	0°♉	
morning rise	-9200 Aug 03 j 22:14	20°♉39'21	
	-9200 Aug 16 j 17:27	0°♊	
	-9200 Sep 25 j 21:50	0°♋	
	-9200 Nov 04 j 05:07	0°♌	
	-9200 Dec 13 j 10:39	0°♍	
desc. node	-9199 Jan 18 j 16:44	27°♍08'08	
	-9199 Jan 22 j 14:33	0°♎	
	-9199 Mar 06 j 04:18	0°♏	
	-9199 Apr 23 j 12:22	0°♐	
retrograde	-9199 Jul 04 j 07:15	24°♐26'31	
min. Earth dist.	-9199 Aug 08 j 01:09	16°♐30'33	0.60538 AU
opposition	-9199 Aug 12 j 22:39	14°♐34'00	-4°47'58
greatest brilliancy	-9199 Aug 12 j 04:34	14°♐51'58	-1.6m
direct	-9199 Sep 19 j 08:14	5°♐51'31	
	-9199 Dec 04 j 20:28	0°♑	
asc. node	-9198 Jan 03 j 02:10	15°♑22'08	
	-9198 Jan 28 j 20:59	0°♒	
	-9198 Mar 19 j 08:52	0°♓	
	-9198 May 04 j 15:23	0°♈	
evening set	-9198 Jun 10 j 09:23	25°♈11'53	
	-9198 Jun 17 j 04:39	0°♉	
max. Earth dist.	-9198 Jun 26 j 03:29	6°♉22'51	2.47052 AU
	-9198 Jul 28 j 10:51	0°♊	
conjunction	-9198 Aug 02 j 21:57	4°♊04'40	1°09'53
minimum elong	-9198 Aug 02 j 23:09	4°♊06'56	1°10'22
	-9198 Sep 06 j 00:20	0°♋	
morning rise	-9198 Sep 30 j 03:25	18°♋41'40	
	-9198 Oct 14 j 15:21	0°♌	
	-9198 Nov 22 j 04:22	0°♍	
desc. node	-9198 Dec 06 j 09:45	10°♍57'20	
	-9198 Dec 31 j 12:28	0°♎	
	-9197 Feb 10 j 13:53	0°♏	
	-9197 Mar 26 j 11:26	0°♐	
	-9197 May 14 j 11:34	0°♑	
	-9197 Jul 26 j 17:44	0°♒	
retrograde	-9197 Aug 09 j 08:47	1°♒08'22	
	-9197 Aug 22 j 09:16	30°℞♑	
min. Earth dist.	-9197 Sep 17 j 04:00	21°♑46'56	0.66145 AU
opposition	-9197 Sep 18 j 07:20	21°♑19'24	-2°24'10
greatest brilliancy	-9197 Sep 18 j 05:40	21°♑21'06	-1.4m
direct	-9197 Oct 28 j 01:23	11°♑44'30	
asc. node	-9197 Nov 21 j 07:19	15°♑00'12	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9197 Dec 31 j 13:56	0°♒	
	-9196 Feb 25 j 15:32	0°♓	
	-9196 Apr 13 j 18:43	0°♈	
	-9196 May 27 j 20:51	0°♉	
	-9196 Jul 08 j 03:24	0°♊	
evening set	-9196 Aug 02 j 16:33	19°♊20'53	
	-9196 Aug 16 j 12:08	0°♋	
	-9196 Sep 23 j 21:06	0°♌	
conjunction	-9196 Oct 03 j 05:21	7°♌20'20	0°15'12
minimum elong	-9196 Oct 03 j 06:47	7°♌23'09	0°15'40
behind sun begin	-9196 Oct 02 j 23:05	7°♌08'02	
behind sun end	-9196 Oct 03 j 14:30	7°♌38'17	
max. Earth dist.	-9196 Oct 15 j 13:36	17°♌01'20	2.38138 AU
desc. node	-9196 Oct 23 j 04:41	22°♌59'27	
	-9196 Nov 01 j 04:32	0°♍	
morning rise	-9196 Dec 08 j 02:04	28°♍19'17	
	-9196 Dec 10 j 07:26	0°♎	
	-9195 Jan 20 j 00:28	0°♏	
	-9195 Mar 03 j 23:22	0°♐	
	-9195 Apr 18 j 19:55	0°♑	
	-9195 Jun 08 j 03:16	0°♒	
	-9195 Aug 12 j 15:12	0°♓	
retrograde	-9195 Sep 12 j 16:37	5°♓13'08	
asc. node	-9195 Oct 08 j 11:28	0°♓54'06	
	-9195 Oct 11 j 03:43	30°R♒	
opposition	-9195 Oct 21 j 19:21	25°♒57'43	0°31'35
greatest brilliancy	-9195 Oct 21 j 20:16	25°♒56'49	-1.4m
min. Earth dist.	-9195 Oct 24 j 09:24	24°♒56'06	0.65621 AU
direct	-9195 Dec 01 j 17:33	15°♒58'49	
	-9194 Jan 24 j 21:01	0°♓	
	-9194 Mar 21 j 20:07	0°♈	
	-9194 May 06 j 23:06	0°♉	
	-9194 Jun 17 j 22:05	0°♊	
	-9194 Jul 27 j 12:41	0°♋	
	-9194 Sep 04 j 00:24	0°♌	
desc. node	-9194 Sep 10 j 01:45	4°♌44'42	
evening set	-9194 Oct 07 j 09:05	26°♌04'32	
	-9194 Oct 12 j 10:26	0°♍	
	-9194 Nov 20 j 16:33	0°♎	
conjunction	-9194 Dec 08 j 13:02	13°♎17'20	-0°57'31
minimum elong	-9194 Dec 08 j 10:12	13°♎12'06	0°57'34
	-9194 Dec 31 j 12:09	0°♏	
max. Earth dist.	-9193 Jan 19 j 19:10	13°♏41'39	2.49178 AU
morning rise	-9193 Feb 05 j 21:25	25°♏34'07	
	-9193 Feb 12 j 08:40	0°♐	
	-9193 Mar 29 j 10:47	0°♑	
	-9193 May 15 j 21:45	0°♒	
	-9193 Jul 05 j 14:24	0°♓	
asc. node	-9193 Aug 26 j 11:36	26°♓32'56	
	-9193 Sep 03 j 15:48	0°♈	
retrograde	-9193 Oct 22 j 08:57	11°♈27'01	
opposition	-9193 Nov 28 j 12:30	3°♈11'01	3°42'17
greatest brilliancy	-9193 Nov 29 j 05:42	2°♈54'40	-1.7m
min. Earth dist.	-9193 Dec 04 j 16:33	0°♈50'23	0.59020 AU
	-9193 Dec 06 j 22:46	30°R♓	
direct	-9192 Jan 08 j 00:38	23°♓26'09	
	-9192 Feb 11 j 00:51	0°♈	
	-9192 Apr 10 j 04:26	0°♉	
	-9192 May 25 j 01:34	0°♊	
	-9192 Jul 04 j 21:09	0°♋	
desc. node	-9192 Jul 28 j 01:49	17°♋40'34	
	-9192 Aug 13 j 02:03	0°♌	
	-9192 Sep 21 j 01:59	0°♍	
	-9192 Oct 30 j 21:01	0°♎	
evening set	-9192 Dec 06 j 05:10	26°♎27'44	
	-9192 Dec 11 j 04:21	0°♏	
	-9191 Jan 23 j 09:10	0°♐	
conjunction	-9191 Jan 30 j 03:05	4°♐34'04	-1°10'44
minimum elong	-9191 Jan 30 j 03:57	4°♐35'32	1°11'13
max. Earth dist.	-9191 Feb 23 j 01:22	20°♐32'14	2.59864 AU
	-9191 Mar 09 j 11:11	0°♑	
morning rise	-9191 Mar 22 j 20:18	8°♑41'41	
	-9191 Apr 25 j 02:57	0°♒	
	-9191 Jun 12 j 00:44	0°♓	
asc. node	-9191 Jul 13 j 07:24	19°♓07'58	
	-9191 Jul 31 j 11:10	0°♈	
	-9191 Sep 22 j 22:04	0°♉	
retrograde	-9191 Dec 12 j 03:47	26°♉24'13	
opposition	-9190 Jan 14 j 21:37	19°♉46'23	6°16'46
greatest brilliancy	-9190 Jan 16 j 15:32	19°♉11'07	-2.2m
min. Earth dist.	-9190 Jan 23 j 02:27	17°♉01'51	0.47496 AU
direct	-9190 Feb 21 j 01:22	11°♉40'21	
	-9190 Apr 20 j 07:51	0°♊	
	-9190 Jun 07 j 13:18	0°♋	
desc. node	-9190 Jun 15 j 05:17	5°♋17'33	
	-9190 Jul 19 j 17:54	0°♌	
	-9190 Aug 29 j 14:46	0°♍	
	-9190 Oct 09 j 19:59	0°♎	
	-9190 Nov 21 j 06:26	0°♏	
	-9189 Jan 04 j 07:32	0°♐	
evening set	-9189 Jan 23 j 12:03	12°♐44'25	
	-9189 Feb 18 j 21:19	0°♑	
conjunction	-9189 Mar 14 j 09:37	15°♑11'14	-0°42'13
minimum elong	-9189 Mar 14 j 11:05	15°♑13'35	0°42'46
max. Earth dist.	-9189 Mar 21 j 11:25	19°♑43'50	2.65712 AU
	-9189 Apr 06 j 12:15	0°♒	
morning rise	-9189 May 01 j 00:41	15°♒39'11	
	-9189 May 23 j 12:21	0°♓	
asc. node	-9189 May 31 j 00:27	4°♓47'36	
	-9189 Jul 09 j 09:15	0°♈	
	-9189 Aug 25 j 02:07	0°♉	
	-9189 Oct 11 j 06:09	0°♊	
	-9189 Nov 29 j 23:01	0°♋	
	-9188 Feb 07 j 01:21	0°♌	
retrograde	-9188 Feb 23 j 22:39	1°♌46'12	
	-9188 Mar 11 j 23:18	30°R♋	
opposition	-9188 Mar 25 j 17:08	26°♋38'39	2°56'26
greatest brilliancy	-9188 Mar 25 j 23:54	26°♋34'06	-2.9m
min. Earth dist.	-9188 Mar 26 j 19:59	26°♋20'35	0.38234 AU
direct	-9188 Apr 25 j 11:55	21°♋26'03	
desc. node	-9188 May 02 j 10:23	21°♋45'16	
	-9188 Jun 02 j 18:56	0°♌	
	-9188 Jul 28 j 22:18	0°♍	
	-9188 Sep 13 j 18:11	0°♎	
	-9188 Oct 29 j 08:07	0°♏	
	-9188 Dec 14 j 07:41	0°♐	
	-9187 Jan 30 j 00:58	0°♑	
evening set	-9187 Mar 04 j 14:01	21°♑21'20	
	-9187 Mar 18 j 03:59	0°♒	
max. Earth dist.	-9187 Apr 13 j 16:11	16°♒55'16	2.66210 AU
asc. node	-9187 Apr 16 j 17:48	18°♒53'12	
conjunction	-9187 Apr 21 j 08:52	21°♒51'22	0°02'44
minimum elong	-9187 Apr 21 j 08:45	21°♒51'11	0°02'19
behind sun begin	-9187 Apr 20 j 13:24	21°♒20'08	
behind sun end	-9187 Apr 22 j 04:06	22°♒22'14	
	-9187 May 04 j 00:32	0°♓	
morning rise	-9187 Jun 06 j 16:50	21°♓55'18	
	-9187 Jun 18 j 22:48	0°♈	
	-9187 Aug 02 j 14:36	0°♉	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9187 Sep 15 j 00:29	0°♊	
	-9187 Oct 27 j 12:25	0°♋	
	-9187 Dec 08 j 17:51	0°♌	
	-9186 Jan 21 j 03:41	0°♍	
	-9186 Mar 11 j 18:36	0°♎	
desc. node	-9186 Mar 20 j 12:19	4°♎15'45	
retrograde	-9186 May 03 j 07:07	15°♎44'26	
min. Earth dist.	-9186 May 31 j 00:58	10°♎39'13	0.44655 AU
greatest brilliancy	-9186 Jun 06 j 14:56	8°♎27'43	-2.5m
opposition	-9186 Jun 08 j 00:47	7°♎59'22	-4°48'47
direct	-9186 Jul 10 j 05:11	1°♎38'34	
	-9186 Sep 29 j 22:59	0°♏	
	-9186 Nov 21 j 10:44	0°♐	
	-9185 Jan 09 j 23:34	0°♑	
	-9185 Feb 27 j 09:48	0°♒	
asc. node	-9185 Mar 04 j 14:53	3°♒16'02	
evening set	-9185 Apr 12 j 16:49	28°♒04'49	
	-9185 Apr 15 j 16:23	0°♓	
max. Earth dist.	-9185 May 09 j 09:09	15°♓25'00	2.61404 AU
conjunction	-9185 May 30 j 17:46	29°♓34'55	0°47'28
minimum elong	-9185 May 30 j 16:14	29°♓32'20	0°47'23
	-9185 May 31 j 08:45	0°♈	
	-9185 Jul 14 j 04:27	0°♉	
morning rise	-9185 Jul 17 j 16:18	2°♉26'57	
	-9185 Aug 25 j 04:55	0°♊	
	-9185 Oct 04 j 19:09	0°♋	
	-9185 Nov 13 j 13:09	0°♌	
	-9185 Dec 23 j 06:36	0°♍	
	-9184 Feb 02 j 03:33	0°♎	
desc. node	-9184 Feb 05 j 11:42	2°♎22'44	
	-9184 Mar 17 j 07:35	0°♏	
	-9184 May 12 j 04:37	0°♐	
retrograde	-9184 Jun 18 j 23:20	8°♐22'27	
min. Earth dist.	-9184 Jul 21 j 18:38	1°♐09'58	0.56787 AU
	-9184 Jul 24 j 19:03	30°℞♏	
greatest brilliancy	-9184 Jul 26 j 23:04	29°♏09'17	-1.8m
opposition	-9184 Jul 28 j 01:46	28°♏43'17	-5°25'53
direct	-9184 Sep 02 j 05:51	20°♏30'52	
	-9184 Oct 15 j 09:44	0°♐	
	-9184 Dec 16 j 08:04	0°♑	
asc. node	-9183 Jan 19 j 15:30	19°♑33'20	
	-9183 Feb 06 j 05:40	0°♒	
	-9183 Mar 26 j 18:57	0°♓	
	-9183 May 11 j 18:31	0°♈	
evening set	-9183 May 23 j 09:12	7°♈50'25	
max. Earth dist.	-9183 Jun 09 j 04:56	19°♈24'04	2.51795 AU
	-9183 Jun 24 j 07:54	0°♉	
conjunction	-9183 Jul 13 j 13:14	13°♉45'11	1°12'24
minimum elong	-9183 Jul 13 j 12:51	13°♉44'29	1°12'46
	-9183 Aug 04 j 17:33	0°♊	
morning rise	-9183 Sep 05 j 16:37	24°♊02'08	
	-9183 Sep 13 j 12:02	0°♋	
	-9183 Oct 22 j 08:10	0°♌	
	-9183 Nov 30 j 01:46	0°♍	
desc. node	-9183 Dec 23 j 07:31	17°♍45'21	
	-9182 Jan 08 j 14:38	0°♎	
	-9182 Feb 18 j 23:49	0°♏	
	-9182 Apr 04 j 18:25	0°♐	
	-9182 May 27 j 08:16	0°♑	
retrograde	-9182 Jul 26 j 18:00	17°♑39'54	
min. Earth dist.	-9182 Sep 02 j 02:33	8°♑47'47	0.64662 AU
opposition	-9182 Sep 04 j 17:11	7°♑44'44	-3°25'08
greatest brilliancy	-9182 Sep 04 j 10:36	7°♑51'21	-1.4m
	-9182 Sep 28 j 07:37	30°℞♐	
direct	-9182 Oct 13 j 16:04	28°♐26'39	
	-9182 Oct 30 j 00:11	0°♑	
asc. node	-9182 Dec 07 j 19:58	12°♑30'08	
	-9181 Jan 12 j 22:30	0°♒	
	-9181 Mar 06 j 06:49	0°♓	
	-9181 Apr 22 j 11:10	0°♈	
	-9181 Jun 05 j 06:38	0°♉	
evening set	-9181 Jul 11 j 23:34	26°♉37'54	
	-9181 Jul 16 j 12:09	0°♊	
max. Earth dist.	-9181 Aug 08 j 06:55	17°♊12'43	2.39991 AU
	-9181 Aug 24 j 22:07	0°♋	
conjunction	-9181 Sep 08 j 06:53	11°♋09'37	0°44'28
minimum elong	-9181 Sep 08 j 09:52	11°♋15'25	0°45'00
	-9181 Oct 02 j 08:43	0°♌	
	-9181 Nov 09 j 17:25	0°♍	
desc. node	-9181 Nov 10 j 00:22	0°♍13'29	
morning rise	-9181 Nov 11 j 15:10	1°♍28'48	
	-9181 Dec 18 j 21:11	0°♎	
	-9180 Jan 28 j 15:25	0°♏	
	-9180 Mar 11 j 18:55	0°♐	
	-9180 Apr 27 j 08:09	0°♑	
	-9180 Jun 19 j 10:27	0°♒	
retrograde	-9180 Aug 29 j 18:42	22°♒09'25	
opposition	-9180 Oct 08 j 07:51	12°♒38'07	-0°39'02
greatest brilliancy	-9180 Oct 08 j 08:45	12°♒37'12	-1.4m
min. Earth dist.	-9180 Oct 09 j 11:00	12°♒10'56	0.66552 AU
asc. node	-9180 Oct 25 j 01:18	6°♒28'03	
direct	-9180 Nov 17 j 22:29	2°♒45'10	
	-9179 Feb 07 j 20:28	0°♓	
	-9179 Mar 31 j 03:07	0°♈	
	-9179 May 15 j 04:15	0°♉	
	-9179 Jun 25 j 18:22	0°♊	
	-9179 Aug 04 j 05:22	0°♋	
evening set	-9179 Sep 11 j 05:01	29°♋40'40	
	-9179 Sep 11 j 14:52	0°♌	
desc. node	-9179 Sep 26 j 19:42	11°♌55'57	
	-9179 Oct 19 j 22:44	0°♍	
conjunction	-9179 Nov 13 j 18:25	19°♍07'45	-0°34'43
minimum elong	-9179 Nov 13 j 15:39	19°♍02'29	0°34'30
	-9179 Nov 28 j 02:29	0°♎	
max. Earth dist.	-9179 Dec 30 j 02:01	23°♎40'42	2.44195 AU
	-9178 Jan 07 j 19:46	0°♏	
morning rise	-9178 Jan 15 j 14:13	5°♏33'45	
	-9178 Feb 19 j 15:22	0°♐	
	-9178 Apr 05 j 21:09	0°♑	
	-9178 May 24 j 00:36	0°♒	
	-9178 Jul 16 j 05:12	0°♓	
asc. node	-9178 Sep 12 j 03:44	23°♓45'37	
retrograde	-9178 Oct 06 j 01:25	26°♓56'52	
opposition	-9178 Nov 13 j 02:46	18°♓13'57	2°27'42
greatest brilliancy	-9178 Nov 13 j 11:23	18°♓05'35	-1.5m
min. Earth dist.	-9178 Nov 17 j 22:06	16°♓21'50	0.62306 AU
direct	-9178 Dec 24 j 00:31	8°♓17'07	
	-9177 Mar 02 j 18:57	0°♈	
	-9177 Apr 22 j 01:51	0°♉	
	-9177 Jun 04 j 07:05	0°♊	
	-9177 Jul 14 j 10:57	0°♋	
desc. node	-9177 Aug 14 j 19:07	24°♋11'15	
	-9177 Aug 22 j 06:31	0°♌	
	-9177 Sep 29 j 22:52	0°♍	
	-9177 Nov 08 j 10:59	0°♎	
evening set	-9177 Nov 15 j 03:11	4°♎58'08	
	-9177 Dec 19 j 12:00	0°♏	
conjunction	-9176 Jan 11 j 21:18	16°♏29'38	-1°12'23
minimum elong	-9176 Jan 11 j 20:53	16°♏28'55	1°12'45

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9176 Jan 31 j 11:59	0°♐	
max. Earth dist.	-9176 Feb 12 j 01:00	7°♐49'11	2.56200 AU
morning rise	-9176 Mar 06 j 03:38	23°♐12'27	
	-9176 Mar 16 j 12:13	0°♑	
	-9176 May 02 j 08:22	0°♒	
	-9176 Jun 19 j 23:17	0°♓	
asc. node	-9176 Jul 30 j 01:16	23°♓33'39	
	-9176 Aug 10 j 12:54	0°♈	
	-9176 Oct 12 j 22:08	0°♉	
retrograde	-9176 Nov 19 j 21:17	7°♉24'56	
opposition	-9176 Dec 25 j 02:36	0°♉03'13	5°30'17
	-9176 Dec 25 j 06:12	30°℞♈	
greatest brilliancy	-9176 Dec 26 j 12:29	29°♈32'49	-2.0m
min. Earth dist.	-9175 Jan 01 j 22:30	27°♈15'07	0.52384 AU
direct	-9175 Feb 02 j 01:17	21°♈03'36	
	-9175 Mar 13 j 08:09	0°♉	
	-9175 May 06 j 23:26	0°♊	
	-9175 Jun 19 j 07:25	0°♋	
desc. node	-9175 Jul 01 j 21:07	9°♋12'02	
	-9175 Jul 29 j 18:11	0°♌	
	-9175 Sep 07 j 14:26	0°♍	
	-9175 Oct 18 j 01:47	0°♎	
	-9175 Nov 28 j 22:23	0°♏	
evening set	-9174 Jan 05 j 22:12	26°♏12'03	
	-9174 Jan 11 j 13:10	0°♐	
	-9174 Feb 25 j 20:29	0°♑	
conjunction	-9174 Feb 26 j 09:03	0°♑20'29	-0°56'18
minimum elong	-9174 Feb 26 j 10:41	0°♑23'08	0°56'52
max. Earth dist.	-9174 Mar 11 j 20:04	9°♑04'32	2.64055 AU
	-9174 Apr 13 j 10:02	0°♒	
morning rise	-9174 Apr 16 j 05:23	1°♒47'29	
	-9174 May 30 j 15:45	0°♓	
asc. node	-9174 Jun 16 j 19:09	10°♓49'58	
	-9174 Jul 17 j 05:42	0°♈	
	-9174 Sep 03 j 12:39	0°♉	
	-9174 Oct 24 j 10:54	0°♊	
	-9174 Dec 30 j 16:25	0°♋	
retrograde	-9173 Jan 23 j 20:28	3°♋20'10	
	-9173 Feb 16 j 12:28	30°℞♊	
opposition	-9173 Feb 24 j 01:50	27°♊55'25	5°35'33
greatest brilliancy	-9173 Feb 25 j 08:54	27°♊33'10	-2.7m
min. Earth dist.	-9173 Mar 01 j 20:44	26°♊16'14	0.40516 AU
direct	-9173 Mar 29 j 04:27	21°♊47'12	
	-9173 May 05 j 00:15	0°♋	
desc. node	-9173 May 20 j 01:29	6°♋53'18	
	-9173 Jun 28 j 19:07	0°♌	
	-9173 Aug 12 j 16:45	0°♍	
	-9173 Sep 25 j 03:40	0°♎	
	-9173 Nov 08 j 00:48	0°♏	
	-9173 Dec 23 j 00:48	0°♐	
	-9172 Feb 07 j 04:27	0°♑	
evening set	-9172 Feb 18 j 03:02	7°♑01'41	
	-9172 Mar 25 j 01:04	0°♒	
max. Earth dist.	-9172 Apr 04 j 06:35	6°♒32'06	2.66662 AU
conjunction	-9172 Apr 06 j 10:26	7°♒54'55	-0°15'34
minimum elong	-9172 Apr 06 j 11:03	7°♒55'54	0°16'02
asc. node	-9172 May 03 j 11:51	25°♒14'37	
	-9172 May 10 j 21:26	0°♓	
morning rise	-9172 May 22 j 22:43	7°♓46'25	
	-9172 Jun 26 j 02:19	0°♈	
	-9172 Aug 10 j 08:39	0°♉	
	-9172 Sep 23 j 18:43	0°♊	
	-9172 Nov 06 j 19:55	0°♋	
	-9172 Dec 21 j 14:21	0°♌	
	-9171 Feb 09 j 00:13	0°♍	
desc. node	-9171 Apr 06 j 06:54	18°♍59'49	
retrograde	-9171 Apr 09 j 12:15	19°♍04'12	
min. Earth dist.	-9171 May 06 j 16:03	14°♍28'24	0.40398 AU
opposition	-9171 May 12 j 19:11	12°♍38'52	-2°40'46
greatest brilliancy	-9171 May 12 j 02:38	12°♍51'16	-2.8m
direct	-9171 Jun 12 j 14:04	7°♍07'53	
	-9171 Aug 21 j 13:54	0°♎	
	-9171 Oct 12 j 21:58	0°♏	
	-9171 Nov 30 j 15:35	0°♐	
	-9170 Jan 17 j 17:39	0°♑	
	-9170 Mar 06 j 12:33	0°♒	
asc. node	-9170 Mar 21 j 06:31	9°♒20'10	
evening set	-9170 Mar 28 j 11:16	13°♒54'42	
	-9170 Apr 22 j 13:40	0°♓	
max. Earth dist.	-9170 Apr 29 j 02:38	4°♓13'50	2.63903 AU
conjunction	-9170 May 15 j 03:04	14°♓40'22	0°31'10
minimum elong	-9170 May 15 j 01:57	14°♓38'31	0°30'56
	-9170 Jun 07 j 07:10	0°♈	
morning rise	-9170 Jul 01 j 00:29	15°♈59'59	
	-9170 Jul 21 j 09:06	0°♉	
	-9170 Sep 01 j 19:57	0°♊	
	-9170 Oct 12 j 23:43	0°♋	
	-9170 Nov 22 j 09:41	0°♌	
	-9169 Jan 01 j 22:48	0°♍	
	-9169 Feb 13 j 04:18	0°♎	
desc. node	-9169 Feb 22 j 06:59	6°♎08'34	
	-9169 Apr 02 j 05:39	0°♏	
retrograde	-9169 Jun 03 j 03:12	20°♏15'14	
min. Earth dist.	-9169 Jul 03 j 19:21	13°♏52'45	0.52270 AU
greatest brilliancy	-9169 Jul 09 j 21:14	11°♏36'51	-2.0m
opposition	-9169 Jul 11 j 07:33	11°♏04'42	-5°43'28
direct	-9169 Aug 15 j 01:36	3°♏30'06	
	-9169 Nov 02 j 20:58	0°♐	
	-9169 Dec 26 j 23:36	0°♑	
asc. node	-9168 Feb 06 j 05:50	24°♑36'25	
	-9168 Feb 15 j 01:45	0°♒	
	-9168 Apr 02 j 23:48	0°♓	
evening set	-9168 May 06 j 14:12	21°♓51'42	
	-9168 May 18 j 19:14	0°♈	
max. Earth dist.	-9168 May 26 j 12:27	5°♈11'59	2.56044 AU
conjunction	-9168 Jun 25 j 02:42	25°♈34'02	1°06'53
minimum elong	-9168 Jun 25 j 01:23	25°♈31'43	1°07'03
	-9168 Jul 01 j 10:10	0°♉	
	-9168 Aug 12 j 00:26	0°♊	
morning rise	-9168 Aug 15 j 02:38	2°♊16'52	
	-9168 Sep 21 j 01:07	0°♋	
	-9168 Oct 30 j 03:55	0°♌	
	-9168 Dec 08 j 04:09	0°♍	
desc. node	-9167 Jan 09 j 02:34	24°♍07'19	
	-9167 Jan 17 j 00:58	0°♎	
	-9167 Feb 28 j 00:29	0°♏	
	-9167 Apr 15 j 11:41	0°♐	
	-9167 Jun 18 j 20:27	0°♑	
retrograde	-9167 Jul 12 j 17:00	3°♑27'10	
	-9167 Aug 03 j 23:22	30°℞♐	
min. Earth dist.	-9167 Aug 17 j 10:33	25°♐09'19	0.62252 AU
opposition	-9167 Aug 21 j 12:15	23°♐31'36	-4°20'14
greatest brilliancy	-9167 Aug 20 j 22:44	23°♐45'07	-1.5m
direct	-9167 Sep 28 j 11:53	14°♐35'02	
	-9167 Nov 25 j 14:58	0°♑	
asc. node	-9167 Dec 24 j 09:27	13°♑53'34	
	-9166 Jan 22 j 23:10	0°♒	
	-9166 Mar 14 j 07:10	0°♓	
	-9166 Apr 29 j 21:03	0°♈	
	-9166 Jun 12 j 13:02	0°♉	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

evening set	-9166 Jun 21 j 07:51	6°♉15'23	
max. Earth dist.	-9166 Jul 08 j 12:45	18°♉42'53	2.44417 AU
	-9166 Jul 23 j 19:26	0°♊	
conjunction	-9166 Aug 15 j 09:25	17°♊00'57	1°03'54
minimum elong	-9166 Aug 15 j 11:35	17°♊05'04	1°04'26
	-9166 Sep 01 j 07:55	0°♋	
	-9166 Oct 09 j 21:15	0°♌	
morning rise	-9166 Oct 14 j 23:58	4°♌00'01	
	-9166 Nov 17 j 08:06	0°♍	
desc. node	-9166 Nov 26 j 20:40	7°♍21'45	
	-9166 Dec 26 j 13:40	0°♎	
	-9165 Feb 05 j 10:53	0°♏	
	-9165 Mar 20 j 22:55	0°♐	
	-9165 May 07 j 17:16	0°♑	
	-9165 Jul 06 j 07:05	0°♒	
retrograde	-9165 Aug 17 j 04:35	9°♒08'07	
	-9165 Sep 24 j 13:07	30°℞♑	
opposition	-9165 Sep 26 j 00:33	29°♑24'21	-1°46'37
greatest brilliancy	-9165 Sep 26 j 00:34	29°♑24'20	-1.4m
min. Earth dist.	-9165 Sep 25 j 16:50	29°♑32'07	0.66547 AU
direct	-9165 Nov 05 j 02:47	19°♑41'48	
asc. node	-9165 Nov 11 j 15:09	19°♑57'27	
	-9165 Dec 21 j 00:35	0°♒	
	-9164 Feb 19 j 12:52	0°♓	
	-9164 Apr 08 j 13:37	0°♈	
	-9164 May 22 j 23:24	0°♉	
	-9164 Jul 03 j 08:42	0°♊	
	-9164 Aug 11 j 18:28	0°♋	
evening set	-9164 Aug 16 j 13:08	3°♋42'22	
	-9164 Sep 19 j 03:39	0°♌	
desc. node	-9164 Oct 13 j 14:45	19°♌11'48	
conjunction	-9164 Oct 18 j 08:24	22°♌54'01	-0°03'39
minimum elong	-9164 Oct 18 j 08:03	22°♌53'21	0°03'15
behind sun begin	-9164 Oct 17 j 04:58	22°♌00'27	
behind sun end	-9164 Oct 19 j 11:08	23°♌46'14	
	-9164 Oct 27 j 10:55	0°♍	
max. Earth dist.	-9164 Nov 23 j 20:30	21°♍07'13	2.39615 AU
	-9164 Dec 05 j 13:30	0°♎	
morning rise	-9164 Dec 22 j 17:06	12°♎49'15	
	-9163 Jan 15 j 05:36	0°♏	
	-9163 Feb 27 j 01:42	0°♐	
	-9163 Apr 13 j 14:25	0°♑	
	-9163 Jun 01 j 20:26	0°♒	
	-9163 Jul 30 j 03:09	0°♓	
retrograde	-9163 Sep 20 j 23:21	13°♓14'56	
asc. node	-9163 Sep 28 j 18:53	12°♓51'28	
opposition	-9163 Oct 29 j 17:54	4°♓09'55	1°13'36
greatest brilliancy	-9163 Oct 29 j 20:45	4°♓07'06	-1.5m
min. Earth dist.	-9163 Nov 02 j 03:11	2°♓49'39	0.64699 AU
	-9163 Nov 09 j 13:19	30°℞♒	
direct	-9163 Dec 09 j 17:20	24°♒09'45	
	-9162 Jan 11 j 11:51	0°♓	
	-9162 Mar 15 j 06:04	0°♈	
	-9162 May 01 j 11:04	0°♉	
	-9162 Jun 12 j 18:55	0°♊	
	-9162 Jul 22 j 13:30	0°♋	
	-9162 Aug 30 j 03:25	0°♌	
desc. node	-9162 Aug 31 j 11:42	1°♌03'08	
	-9162 Oct 07 j 14:55	0°♍	
evening set	-9162 Oct 21 j 22:36	11°♍02'04	
	-9162 Nov 15 j 22:22	0°♎	
conjunction	-9162 Dec 21 j 15:53	26°♎18'28	-1°05'47
minimum elong	-9162 Dec 21 j 13:49	26°♎14'44	1°05'58
	-9162 Dec 26 j 19:00	0°♏	
max. Earth dist.	-9161 Jan 29 j 01:53	23°♏25'39	2.51853 AU
	-9161 Feb 07 j 15:39	0°♐	
morning rise	-9161 Feb 17 j 01:07	6°♐22'52	
	-9161 Mar 24 j 15:49	0°♑	
	-9161 May 10 j 19:25	0°♒	
	-9161 Jun 29 j 12:41	0°♓	
asc. node	-9161 Aug 16 j 18:07	26°♓24'58	
	-9161 Aug 24 j 00:53	0°♈	
retrograde	-9161 Nov 01 j 10:40	20°♈40'02	
opposition	-9161 Dec 07 j 23:15	12°♈41'19	4°23'42
greatest brilliancy	-9161 Dec 08 j 22:15	12°♈19'48	-1.8m
min. Earth dist.	-9161 Dec 14 j 19:22	10°♈07'54	0.56875 AU
direct	-9160 Jan 17 j 01:20	3°♈07'53	
	-9160 Apr 02 j 01:36	0°♉	
	-9160 May 18 j 19:15	0°♊	
	-9160 Jun 29 j 06:06	0°♋	
desc. node	-9160 Jul 18 j 14:06	14°♋34'41	
	-9160 Aug 07 j 18:57	0°♌	
	-9160 Sep 16 j 00:01	0°♍	
	-9160 Oct 25 j 23:06	0°♎	
	-9160 Dec 06 j 09:36	0°♏	
evening set	-9160 Dec 17 j 21:52	8°♏06'31	
	-9159 Jan 18 j 16:36	0°♐	
conjunction	-9159 Feb 09 j 10:39	14°♐36'15	-1°06'48
minimum elong	-9159 Feb 09 j 11:58	14°♐38'26	1°07'20
max. Earth dist.	-9159 Mar 01 j 11:56	27°♐49'55	2.61588 AU
	-9159 Mar 04 j 19:28	0°♑	
morning rise	-9159 Mar 31 j 23:32	17°♑35'30	
	-9159 Apr 20 j 09:28	0°♒	
	-9159 Jun 06 j 23:53	0°♓	
asc. node	-9159 Jul 03 j 12:45	16°♓28'39	
	-9159 Jul 25 j 14:25	0°♈	
	-9159 Sep 14 j 12:25	0°♉	
	-9159 Nov 14 j 15:27	0°♊	
retrograde	-9159 Dec 26 j 07:50	8°♊55'46	
opposition	-9158 Jan 28 j 05:31	2°♊44'39	6°23'43
greatest brilliancy	-9158 Jan 29 j 23:57	2°♊10'43	-2.4m
min. Earth dist.	-9158 Feb 05 j 03:53	0°♊13'45	0.44812 AU
	-9158 Feb 05 j 21:52	30°℞♉	
direct	-9158 Mar 05 j 01:28	25°♉17'48	
	-9158 Apr 01 j 07:33	0°♊	
	-9158 May 29 j 16:24	0°♋	
desc. node	-9158 Jun 05 j 18:20	4°♋34'49	
	-9158 Jul 12 j 19:53	0°♌	
	-9158 Aug 23 j 14:43	0°♍	
	-9158 Oct 04 j 09:28	0°♎	
	-9158 Nov 16 j 05:02	0°♏	
	-9158 Dec 30 j 12:05	0°♐	
evening set	-9157 Feb 02 j 02:04	22°♐06'39	
	-9157 Feb 14 j 05:26	0°♑	
conjunction	-9157 Mar 23 j 07:36	23°♑52'07	-0°32'52
minimum elong	-9157 Mar 23 j 08:48	23°♑54'03	0°33'25
max. Earth dist.	-9157 Mar 27 j 01:59	26°♑16'43	2.66278 AU
	-9157 Apr 01 j 21:37	0°♒	
morning rise	-9157 May 09 j 10:20	23°♒59'12	
	-9157 May 18 j 19:46	0°♓	
asc. node	-9157 May 21 j 05:04	1°♓31'46	
	-9157 Jul 04 j 10:09	0°♈	
	-9157 Aug 19 j 12:22	0°♉	
	-9157 Oct 04 j 10:29	0°♊	
	-9157 Nov 20 j 05:56	0°♋	
	-9156 Jan 10 j 16:38	0°♌	
retrograde	-9156 Mar 12 j 10:56	19°♌16'47	
min. Earth dist.	-9156 Apr 10 j 17:28	14°♌26'40	0.38204 AU
opposition	-9156 Apr 12 j 14:58	13°♌56'00	0°49'21

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

greatest brilliancy	-9156 Apr 12 j 14:46	13°♌56'08	-2.9m
desc. node	-9156 Apr 22 j 22:20	11°♌18'11	
direct	-9156 May 12 j 19:16	8°♌51'26	
	-9156 Jul 17 j 06:24	0°♍	
	-9156 Sep 06 j 06:31	0°♎	
	-9156 Oct 23 j 08:54	0°♏	
	-9156 Dec 09 j 02:06	0°♐	
	-9155 Jan 25 j 04:42	0°♑	
evening set	-9155 Mar 13 j 08:14	29°♑53'24	
	-9155 Mar 13 j 12:23	0°♒	
asc. node	-9155 Apr 06 j 23:06	15°♒34'26	
max. Earth dist.	-9155 Apr 19 j 07:17	23°♒29'01	2.65610 AU
conjunction	-9155 Apr 29 j 23:42	0°♓21'55	0°13'21
minimum elong	-9155 Apr 29 j 23:12	0°♓21'07	0°13'01
behind sun begin	-9155 Apr 29 j 11:51	0°♓02'48	
behind sun end	-9155 Apr 30 j 10:33	0°♓39'26	
	-9155 Apr 29 j 10:07	0°♓	
	-9155 Jun 14 j 06:41	0°♈	
morning rise	-9155 Jun 15 j 09:10	0°♈44'00	
	-9155 Jul 28 j 17:19	0°♉	
	-9155 Sep 09 j 18:13	0°♊	
	-9155 Oct 21 j 16:44	0°♋	
	-9155 Dec 02 j 02:38	0°♌	
	-9154 Jan 13 j 01:56	0°♍	
	-9154 Feb 27 j 08:06	0°♎	
desc. node	-9154 Mar 11 j 00:31	6°♎54'47	
retrograde	-9154 May 15 j 06:32	29°♎28'19	
min. Earth dist.	-9154 Jun 12 j 20:54	23°♎57'59	0.47349 AU
greatest brilliancy	-9154 Jun 19 j 12:05	21°♎39'05	-2.3m
opposition	-9154 Jun 21 j 01:09	21°♎06'32	-5°25'05
direct	-9154 Jul 24 j 04:33	14°♎17'46	
	-9154 Sep 19 j 02:15	0°♏	
	-9154 Nov 14 j 20:50	0°♐	
	-9153 Jan 04 j 14:46	0°♑	
asc. node	-9153 Feb 22 j 20:52	0°♒12'11	
	-9153 Feb 22 j 13:02	0°♒	
	-9153 Apr 11 j 00:31	0°♓	
evening set	-9153 Apr 21 j 15:08	6°♓51'00	
max. Earth dist.	-9153 May 15 j 18:49	22°♓41'15	2.59680 AU
	-9153 May 26 j 18:03	0°♈	
conjunction	-9153 Jun 09 j 01:46	8°♈59'22	0°55'43
minimum elong	-9153 Jun 09 j 00:10	8°♈56'38	0°55'44
	-9153 Jul 09 j 12:13	0°♉	
morning rise	-9153 Jul 27 j 21:02	13°♉00'23	
	-9153 Aug 20 j 09:11	0°♊	
	-9153 Sep 29 j 18:24	0°♋	
	-9153 Nov 08 j 06:32	0°♌	
	-9153 Dec 17 j 16:32	0°♍	
desc. node	-9152 Jan 26 j 22:29	29°♍53'35	
	-9152 Jan 27 j 02:02	0°♎	
	-9152 Mar 10 j 03:12	0°♏	
	-9152 Apr 29 j 08:52	0°♐	
retrograde	-9152 Jun 27 j 22:42	18°♐10'49	
min. Earth dist.	-9152 Jul 31 j 20:06	10°♐33'07	0.58953 AU
greatest brilliancy	-9152 Aug 05 j 10:35	8°♐44'18	-1.7m
opposition	-9152 Aug 06 j 08:27	8°♐22'43	-5°06'01
	-9152 Sep 07 j 23:03	30°℞♏	
direct	-9152 Sep 12 j 04:51	29°♏52'53	
	-9152 Sep 16 j 12:24	0°♐	
	-9152 Dec 09 j 06:05	0°♑	
asc. node	-9151 Jan 09 j 23:08	17°♑20'38	
	-9151 Jan 31 j 19:11	0°♒	
	-9151 Mar 21 j 21:39	0°♓	
	-9151 May 07 j 02:12	0°♈	
evening set	-9151 Jun 02 j 11:44	17°♈57'33	
max. Earth dist.	-9151 Jun 18 j 10:08	29°♈05'57	2.49204 AU
	-9151 Jun 19 j 16:43	0°♉	
conjunction	-9151 Jul 24 j 21:07	25°♉25'43	1°12'07
minimum elong	-9151 Jul 24 j 21:35	25°♉26'34	1°12'32
	-9151 Jul 31 j 01:22	0°♊	
	-9151 Sep 08 j 17:35	0°♋	
morning rise	-9151 Sep 19 j 05:00	8°♋04'01	
	-9151 Oct 17 j 11:05	0°♌	
	-9151 Nov 25 j 01:43	0°♍	
desc. node	-9151 Dec 13 j 15:52	14°♍16'32	
	-9150 Jan 03 j 10:58	0°♎	
	-9150 Feb 13 j 14:07	0°♏	
	-9150 Mar 29 j 17:13	0°♐	
	-9150 May 18 j 17:47	0°♑	
retrograde	-9150 Aug 03 j 15:46	25°♑53'50	
min. Earth dist.	-9150 Sep 10 j 19:25	16°♑44'54	0.65600 AU
opposition	-9150 Sep 12 j 14:28	16°♑01'28	-2°50'22
greatest brilliancy	-9150 Sep 12 j 10:54	16°♑05'04	-1.4m
direct	-9150 Oct 21 j 23:58	6°♑33'35	
asc. node	-9150 Nov 28 j 04:21	13°♑39'19	
	-9149 Jan 05 j 10:01	0°♒	
	-9149 Feb 28 j 17:45	0°♓	
	-9149 Apr 17 j 12:04	0°♈	
	-9149 May 31 j 12:41	0°♉	
	-9149 Jul 11 j 19:49	0°♊	
evening set	-9149 Jul 24 j 13:22	9°♊33'58	
	-9149 Aug 20 j 05:40	0°♋	
max. Earth dist.	-9149 Sep 08 j 01:19	14°♋38'45	2.38336 AU
conjunction	-9149 Sep 22 j 17:41	26°♋08'54	0°28'48
minimum elong	-9149 Sep 22 j 20:06	26°♋13'40	0°29'18
	-9149 Sep 27 j 15:27	0°♌	
desc. node	-9149 Oct 31 j 10:29	26°♌28'51	
	-9149 Nov 04 j 22:55	0°♍	
morning rise	-9149 Nov 27 j 07:47	17°♍16'43	
	-9149 Dec 14 j 01:12	0°♎	
	-9148 Jan 23 j 17:28	0°♏	
	-9148 Mar 06 j 16:23	0°♐	
	-9148 Apr 21 j 17:20	0°♑	
	-9148 Jun 11 j 20:52	0°♒	
	-9148 Sep 03 j 07:40	0°♓	
retrograde	-9148 Sep 06 j 18:18	0°♓04'25	
	-9148 Sep 10 j 03:54	30°℞♒	
asc. node	-9148 Oct 15 j 09:03	20°♒58'07	
opposition	-9148 Oct 16 j 01:43	20°♒41'31	0°01'38
greatest brilliancy	-9148 Oct 16 j 01:49	20°♒41'24	-1.4m
min. Earth dist.	-9148 Oct 18 j 00:09	19°♒55'09	0.66161 AU
direct	-9148 Nov 25 j 20:39	10°♒44'37	
	-9147 Jan 30 j 14:56	0°♓	
	-9147 Mar 25 j 07:26	0°♈	
	-9147 May 10 j 00:01	0°♉	
	-9147 Jun 20 j 20:09	0°♊	
	-9147 Jul 30 j 09:47	0°♋	
	-9147 Sep 06 j 20:42	0°♌	
desc. node	-9147 Sep 17 j 07:23	8°♌11'42	
evening set	-9147 Sep 25 j 23:35	14°♌59'34	
	-9147 Oct 15 j 05:16	0°♍	
	-9147 Nov 23 j 09:19	0°♎	
conjunction	-9147 Nov 28 j 00:57	3°♎29'37	-0°48'54
minimum elong	-9147 Nov 27 j 21:51	3°♎23'48	0°48'50
	-9146 Jan 03 j 02:37	0°♏	
max. Earth dist.	-9146 Jan 11 j 16:12	6°♏08'06	2.46946 AU
morning rise	-9146 Jan 28 j 00:16	17°♏39'22	
	-9146 Feb 14 j 21:02	0°♐	
	-9146 Mar 31 j 23:05	0°♑	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9146 May 18 j 14:46	0°♒	
	-9146 Jul 09 j 02:41	0°♓	
asc. node	-9146 Sep 02 j 09:48	26°♓23'58	
	-9146 Sep 12 j 21:09	0°♈	
retrograde	-9146 Oct 15 j 05:38	5°♈32'51	
	-9146 Nov 13 j 21:03	30°℞♓	
opposition	-9146 Nov 21 j 19:06	27°♓04'07	3°10'35
greatest brilliancy	-9146 Nov 22 j 08:15	26°♓51'29	-1.6m
min. Earth dist.	-9146 Nov 27 j 08:32	24°♓55'47	0.60606 AU
direct	-9145 Jan 01 j 12:02	17°♓12'28	
	-9145 Feb 20 j 08:58	0°♈	
	-9145 Apr 15 j 12:42	0°♉	
	-9145 May 29 j 15:34	0°♊	
	-9145 Jul 09 j 04:12	0°♋	
desc. node	-9145 Aug 05 j 06:39	20°♋46'39	
	-9145 Aug 17 j 04:52	0°♌	
	-9145 Sep 25 j 00:45	0°♍	
	-9145 Nov 03 j 15:40	0°♎	
evening set	-9145 Nov 27 j 22:04	17°♎51'18	
	-9145 Dec 14 j 18:59	0°♏	
conjunction	-9144 Jan 23 j 01:51	27°♏25'55	-1°12'16
minimum elong	-9144 Jan 23 j 02:16	27°♏26'37	1°12'42
	-9144 Jan 26 j 20:11	0°♐	
max. Earth dist.	-9144 Feb 19 j 03:08	15°♐40'51	2.58310 AU
	-9144 Mar 11 j 20:09	0°♑	
morning rise	-9144 Mar 15 j 20:57	2°♑37'58	
	-9144 Apr 27 j 12:33	0°♒	
	-9144 Jun 14 j 16:12	0°♓	
asc. node	-9144 Jul 20 j 06:15	21°♓27'36	
	-9144 Aug 03 j 20:42	0°♈	
	-9144 Sep 29 j 01:28	0°♉	
retrograde	-9144 Dec 02 j 01:43	18°♉16'13	
opposition	-9143 Jan 05 j 12:14	11°♉17'41	5°59'59
greatest brilliancy	-9143 Jan 07 j 03:16	10°♉43'43	-2.1m
min. Earth dist.	-9143 Jan 13 j 15:48	8°♉28'37	0.49723 AU
direct	-9143 Feb 12 j 12:59	2°♉44'54	
	-9143 Apr 27 j 23:10	0°♊	
	-9143 Jun 12 j 11:06	0°♋	
desc. node	-9143 Jun 22 j 09:27	7°♋04'05	
	-9143 Jul 23 j 18:08	0°♌	
	-9143 Sep 02 j 02:12	0°♍	
	-9143 Oct 12 j 21:44	0°♎	
	-9143 Nov 24 j 00:32	0°♏	
	-9142 Jan 06 j 19:33	0°♐	
evening set	-9142 Jan 16 j 03:09	6°♐14'06	
	-9142 Feb 21 j 05:26	0°♑	
conjunction	-9142 Mar 07 j 16:03	9°♑21'59	-0°48'29
minimum elong	-9142 Mar 07 j 17:37	9°♑24'32	0°49'03
max. Earth dist.	-9142 Mar 17 j 14:17	15°♑46'00	2.65073 AU
	-9142 Apr 08 j 18:59	0°♒	
morning rise	-9142 Apr 24 j 18:49	10°♒12'30	
	-9142 May 25 j 21:02	0°♓	
asc. node	-9142 Jun 06 j 23:59	7°♓42'38	
	-9142 Jul 12 j 00:51	0°♈	
	-9142 Aug 28 j 08:20	0°♉	
	-9142 Oct 15 j 19:39	0°♊	
	-9142 Dec 08 j 07:47	0°♋	
retrograde	-9141 Feb 10 j 04:15	19°♋18'59	
opposition	-9141 Mar 12 j 23:08	14°♋09'16	4°19'10
greatest brilliancy	-9141 Mar 13 j 16:34	13°♋57'17	-2.8m
min. Earth dist.	-9141 Mar 16 j 09:31	13°♋12'48	0.38936 AU
direct	-9141 Apr 13 j 15:53	8°♋37'04	
desc. node	-9141 May 10 j 14:48	13°♋10'23	
	-9141 Jun 16 j 22:23	0°♌	
	-9141 Aug 04 j 21:01	0°♍	
	-9141 Sep 18 j 20:45	0°♎	
	-9141 Nov 02 j 13:26	0°♏	
	-9141 Dec 18 j 00:35	0°♐	
	-9140 Feb 02 j 10:49	0°♑	
evening set	-9140 Feb 27 j 01:11	15°♑43'25	
	-9140 Mar 20 j 10:32	0°♒	
max. Earth dist.	-9140 Apr 09 j 18:06	12°♒58'11	2.66512 AU
conjunction	-9140 Apr 15 j 00:39	16°♒20'35	-0°05'04
minimum elong	-9140 Apr 15 j 00:51	16°♒20'55	0°05'31
behind sun begin	-9140 Apr 14 j 06:18	15°♒51'15	
behind sun end	-9140 Apr 15 j 19:24	16°♒50'35	
asc. node	-9140 Apr 23 j 16:53	21°♒54'11	
	-9140 May 06 j 07:01	0°♓	
morning rise	-9140 May 31 j 09:11	16°♓15'22	
	-9140 Jun 21 j 08:34	0°♈	
	-9140 Aug 05 j 06:49	0°♉	
	-9140 Sep 18 j 02:58	0°♊	
	-9140 Oct 31 j 05:25	0°♋	
	-9140 Dec 13 j 08:28	0°♌	
	-9139 Jan 27 j 11:08	0°♍	
	-9139 Mar 26 j 14:42	0°♎	
desc. node	-9139 Mar 27 j 17:38	0°♎22'14	
retrograde	-9139 Apr 23 j 10:22	5°♎01'38	
min. Earth dist.	-9139 May 20 j 16:41	0°♎13'33	0.42601 AU
	-9139 May 21 j 10:06	30°℞♍	
greatest brilliancy	-9139 May 26 j 23:43	28°♍13'38	-2.6m
opposition	-9139 May 28 j 03:52	27°♍51'11	-4°04'48
direct	-9139 Jun 28 j 15:10	21°♍53'34	
	-9139 Aug 05 j 23:17	0°♎	
	-9139 Oct 05 j 06:35	0°♏	
	-9139 Nov 24 j 19:42	0°♐	
	-9138 Jan 12 j 15:41	0°♑	
	-9138 Mar 01 j 18:51	0°♒	
asc. node	-9138 Mar 11 j 13:06	6°♒08'46	
evening set	-9138 Apr 06 j 04:05	22°♒25'14	
	-9138 Apr 17 j 23:21	0°♓	
max. Earth dist.	-9138 May 05 j 00:37	11°♓03'26	2.62628 AU
conjunction	-9138 May 23 j 23:43	23°♓31'40	0°40'49
minimum elong	-9138 May 23 j 22:19	23°♓29'21	0°40'40
	-9138 Jun 02 j 17:07	0°♈	
morning rise	-9138 Jul 10 j 09:00	25°♈37'13	
	-9138 Jul 16 j 16:22	0°♉	
	-9138 Aug 27 j 22:05	0°♊	
	-9138 Oct 07 j 18:20	0°♋	
	-9138 Nov 16 j 18:56	0°♌	
	-9138 Dec 26 j 19:28	0°♍	
	-9137 Feb 06 j 02:46	0°♎	
desc. node	-9137 Feb 12 j 16:51	4°♎36'17	
	-9137 Mar 23 j 09:06	0°♏	
	-9137 May 30 j 00:37	0°♐	
retrograde	-9137 Jun 13 j 00:26	1°♐18'26	
	-9137 Jun 26 j 10:41	30°℞♏	
min. Earth dist.	-9137 Jul 14 j 21:14	24°♏27'05	0.54855 AU
greatest brilliancy	-9137 Jul 20 j 11:22	22°♏18'49	-1.9m
opposition	-9137 Jul 21 j 17:44	21°♏49'39	-5°36'49
direct	-9137 Aug 26 j 06:50	13°♏53'01	
	-9137 Oct 24 j 02:50	0°♐	
	-9137 Dec 20 j 20:33	0°♑	
asc. node	-9136 Jan 27 j 13:12	21°♑57'23	
	-9136 Feb 09 j 22:12	0°♒	
	-9136 Mar 29 j 05:19	0°♓	
	-9136 May 14 j 04:12	0°♈	
evening set	-9136 May 16 j 01:28	1°♈15'54	
max. Earth dist.	-9136 Jun 03 j 04:42	13°♈34'19	2.53777 AU
	-9136 Jun 26 j 19:23	0°♉	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

conjunction	-9136 Jul 05 j 09:34	6°♉05'25	1°10'52
minimum elong	-9136 Jul 05 j 08:42	6°♉03'53	1°11'08
	-9136 Aug 07 j 08:09	0°♊	
morning rise	-9136 Aug 26 j 23:57	14°♊39'17	
	-9136 Sep 16 j 05:55	0°♋	
	-9136 Oct 25 j 05:09	0°♌	
	-9136 Dec 03 j 01:12	0°♍	
desc. node	-9136 Dec 30 j 13:34	20°♍56'26	
	-9135 Jan 11 j 16:10	0°♎	
	-9135 Feb 22 j 05:12	0°♏	
	-9135 Apr 08 j 11:08	0°♐	
	-9135 Jun 02 j 15:54	0°♑	
retrograde	-9135 Jul 20 j 21:36	12°♑09'50	
min. Earth dist.	-9135 Aug 26 j 12:42	3°♑32'20	0.63697 AU
opposition	-9135 Aug 29 j 19:08	2°♑13'29	-3°49'11
greatest brilliancy	-9135 Aug 29 j 09:42	2°♑22'58	-1.5m
	-9135 Sep 04 j 10:11	30°℞♐	
direct	-9135 Oct 07 j 07:34	23°♐04'27	
	-9135 Nov 12 j 22:18	0°♑	
asc. node	-9135 Dec 14 j 17:11	13°♑06'54	
	-9134 Jan 16 j 14:43	0°♒	
	-9134 Mar 09 j 01:48	0°♓	
	-9134 Apr 25 j 01:06	0°♈	
	-9134 Jun 07 j 20:17	0°♉	
evening set	-9134 Jul 02 j 19:09	17°♉56'28	
	-9134 Jul 19 j 03:20	0°♊	
max. Earth dist.	-9134 Jul 23 j 16:07	3°♊23'09	2.41857 AU
	-9134 Aug 27 j 15:02	0°♋	
conjunction	-9134 Aug 28 j 14:19	0°♋44'57	0°54'16
minimum elong	-9134 Aug 28 j 17:09	0°♋50'27	0°54'49
	-9134 Oct 05 j 03:07	0°♌	
morning rise	-9134 Oct 30 j 10:57	19°♌49'29	
	-9134 Nov 12 j 12:30	0°♍	
desc. node	-9134 Nov 17 j 06:51	3°♍41'46	
	-9134 Dec 21 j 16:07	0°♎	
	-9133 Jan 31 j 10:16	0°♏	
	-9133 Mar 15 j 15:07	0°♐	
	-9133 May 01 j 12:34	0°♑	
	-9133 Jun 25 j 09:00	0°♒	
retrograde	-9133 Aug 25 j 00:48	17°♒04'29	
opposition	-9133 Oct 03 j 16:50	7°♒27'06	-1°07'41
greatest brilliancy	-9133 Oct 03 j 17:40	7°♒26'16	-1.4m
min. Earth dist.	-9133 Oct 04 j 04:13	7°♒15'39	0.66669 AU
	-9133 Oct 25 j 02:52	30°℞♑	
asc. node	-9133 Nov 01 j 22:30	28°♑26'59	
direct	-9133 Nov 13 j 01:56	27°♑38'14	
	-9133 Dec 03 j 11:52	0°♒	
	-9132 Feb 12 j 21:30	0°♓	
	-9132 Apr 03 j 04:37	0°♈	
	-9132 May 18 j 00:12	0°♉	
	-9132 Jun 28 j 13:21	0°♊	
	-9132 Aug 07 j 00:20	0°♋	
evening set	-9132 Aug 30 j 20:48	18°♋35'18	
	-9132 Sep 14 j 09:50	0°♌	
desc. node	-9132 Oct 04 j 01:21	15°♌25'35	
	-9132 Oct 22 j 17:03	0°♍	
conjunction	-9132 Nov 02 j 09:27	8°♍17'12	-0°21'56
minimum elong	-9132 Nov 02 j 07:30	8°♍13'26	0°21'38
	-9132 Nov 30 j 19:21	0°♎	
max. Earth dist.	-9132 Dec 17 j 14:08	12°♎33'05	2.42002 AU
morning rise	-9131 Jan 05 j 14:08	26°♎29'00	
	-9131 Jan 10 j 10:56	0°♏	
	-9131 Feb 22 j 05:07	0°♐	
	-9131 Apr 08 j 11:57	0°♑	
	-9131 May 26 j 23:12	0°♒	
	-9131 Jul 20 j 15:47	0°♓	
asc. node	-9131 Sep 19 j 01:20	20°♓48'50	
retrograde	-9131 Sep 29 j 12:55	21°♓28'05	
opposition	-9131 Nov 06 j 22:01	12°♓34'45	1°56'16
greatest brilliancy	-9131 Nov 07 j 03:47	12°♓29'06	-1.5m
min. Earth dist.	-9131 Nov 11 j 01:49	10°♓56'52	0.63494 AU
direct	-9131 Dec 17 j 20:48	2°♓35'28	
	-9130 Mar 07 j 19:59	0°♈	
	-9130 Apr 25 j 15:57	0°♉	
	-9130 Jun 07 j 12:34	0°♊	
	-9130 Jul 17 j 12:44	0°♋	
desc. node	-9130 Aug 21 j 23:56	27°♋28'13	
	-9130 Aug 25 j 05:49	0°♌	
	-9130 Oct 02 j 19:28	0°♍	
evening set	-9130 Nov 04 j 20:49	25°♍15'13	
	-9130 Nov 11 j 04:22	0°♎	
	-9130 Dec 22 j 02:10	0°♏	
conjunction	-9129 Jan 02 j 23:38	8°♏28'12	-1°10'39
minimum elong	-9129 Jan 02 j 22:31	8°♏26'13	1°10'57
	-9129 Feb 02 j 23:11	0°♐	
max. Earth dist.	-9129 Feb 06 j 10:02	2°♐21'13	2.54323 AU
morning rise	-9129 Feb 27 j 14:16	16°♐36'12	
	-9129 Mar 19 j 22:02	0°♑	
	-9129 May 05 j 19:51	0°♒	
	-9129 Jun 23 j 19:44	0°♓	
asc. node	-9129 Aug 06 j 23:45	25°♓20'16	
	-9129 Aug 15 j 16:00	0°♈	
	-9129 Nov 03 j 21:11	0°♉	
retrograde	-9129 Nov 12 j 05:32	0°♉25'03	
	-9129 Nov 20 j 07:18	30°℞♈	
opposition	-9129 Dec 18 j 01:17	22°♈45'51	5°02'58
greatest brilliancy	-9129 Dec 19 j 06:23	22°♈19'10	-1.9m
min. Earth dist.	-9129 Dec 25 j 11:17	20°♈03'00	0.54466 AU
direct	-9128 Jan 26 j 13:20	13°♈29'01	
	-9128 Mar 22 j 18:27	0°♉	
	-9128 May 11 j 20:46	0°♊	
	-9128 Jun 23 j 06:32	0°♋	
desc. node	-9128 Jul 09 j 01:41	11°♋43'50	
	-9128 Aug 02 j 06:41	0°♌	
	-9128 Sep 10 j 19:19	0°♍	
	-9128 Oct 20 j 23:53	0°♎	
	-9128 Dec 01 j 14:38	0°♏	
evening set	-9128 Dec 28 j 22:53	19°♏02'41	
	-9127 Jan 14 j 00:30	0°♐	
conjunction	-9127 Feb 19 j 06:33	24°♐09'23	-1°01'14
minimum elong	-9127 Feb 19 j 08:07	24°♐11'57	1°01'46
	-9127 Feb 28 j 04:44	0°♑	
max. Earth dist.	-9127 Mar 07 j 14:17	4°♑49'11	2.63050 AU
morning rise	-9127 Apr 09 j 19:30	26°♑13'14	
	-9127 Apr 15 j 17:32	0°♒	
	-9127 Jun 02 j 02:25	0°♓	
asc. node	-9127 Jun 23 j 18:09	13°♓35'40	
	-9127 Jul 20 j 01:50	0°♈	
	-9127 Sep 07 j 07:19	0°♉	
	-9127 Oct 31 j 01:06	0°♊	
retrograde	-9126 Jan 10 j 22:33	22°♊36'55	
opposition	-9126 Feb 11 j 20:37	16°♊53'04	6°07'56
greatest brilliancy	-9126 Feb 13 j 11:09	16°♊24'06	-2.6m
min. Earth dist.	-9126 Feb 18 j 22:34	14°♊46'01	0.42267 AU
direct	-9126 Mar 18 j 05:44	10°♊09'53	
	-9126 May 17 j 21:51	0°♋	
desc. node	-9126 May 27 j 05:22	5°♋17'52	
	-9126 Jul 04 j 21:41	0°♌	
	-9126 Aug 17 j 02:45	0°♍	
	-9126 Sep 28 j 16:35	0°♎	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9126 Nov 11 j 00:24	0°♏	
	-9126 Dec 25 j 15:21	0°♐	
	-9125 Feb 09 j 13:31	0°♑	
evening set	-9125 Feb 11 j 09:06	1°♑10'22	
	-9125 Mar 28 j 07:34	0°♒	
conjunction	-9125 Apr 01 j 01:12	2°♒23'11	-0°22'58
minimum elong	-9125 Apr 01 j 02:06	2°♒24'36	0°23'29
max. Earth dist.	-9125 Apr 01 j 13:20	2°♒42'33	2.66599 AU
asc. node	-9125 May 11 j 10:49	28°♒14'13	
	-9125 May 14 j 04:42	0°♓	
morning rise	-9125 May 17 j 18:30	2°♓17'51	
	-9125 Jun 29 j 13:55	0°♈	
	-9125 Aug 14 j 04:44	0°♉	
	-9125 Sep 28 j 05:24	0°♊	
	-9125 Nov 12 j 06:30	0°♋	
	-9125 Dec 29 j 00:11	0°♌	
	-9124 Feb 24 j 14:36	0°♍	
retrograde	-9124 Mar 28 j 20:08	6°♍42'29	
desc. node	-9124 Apr 13 j 11:07	5°♍05'16	
min. Earth dist.	-9124 Apr 25 j 12:57	2°♍07'08	0.39073 AU
opposition	-9124 Apr 30 j 00:41	0°♍50'57	-1°17'08
greatest brilliancy	-9124 Apr 29 j 18:14	0°♍55'31	-2.9m
	-9124 May 03 j 01:02	30°℞♌	
direct	-9124 May 30 j 09:39	25°♌36'52	
	-9124 Jun 26 j 09:58	0°♍	
	-9124 Aug 28 j 11:51	0°♎	
	-9124 Oct 16 j 22:59	0°♏	
	-9124 Dec 03 j 16:08	0°♐	
	-9123 Jan 20 j 06:46	0°♑	
	-9123 Mar 08 j 20:21	0°♒	
evening set	-9123 Mar 22 j 01:16	8°♒22'23	
asc. node	-9123 Mar 28 j 04:36	12°♒16'46	
	-9123 Apr 24 j 20:17	0°♓	
max. Earth dist.	-9123 Apr 24 j 22:37	0°♓03'45	2.64773 AU
conjunction	-9123 May 08 j 15:31	8°♓56'29	0°23'47
minimum elong	-9123 May 08 j 14:38	8°♓55'03	0°23'30
	-9123 Jun 09 j 15:47	0°♈	
morning rise	-9123 Jun 24 j 05:37	9°♈45'36	
	-9123 Jul 23 j 22:10	0°♉	
	-9123 Sep 04 j 15:43	0°♊	
	-9123 Oct 16 j 03:39	0°♋	
	-9123 Nov 25 j 23:16	0°♌	
	-9122 Jan 06 j 00:36	0°♍	
	-9122 Feb 18 j 04:06	0°♎	
desc. node	-9122 Mar 01 j 12:19	7°♎20'38	
	-9122 Apr 10 j 21:13	0°♏	
retrograde	-9122 May 26 j 08:37	12°♏04'08	
min. Earth dist.	-9122 Jun 25 j 01:23	6°♏04'55	0.50085 AU
greatest brilliancy	-9122 Jul 01 j 10:19	3°♏46'03	-2.1m
opposition	-9122 Jul 02 j 22:46	3°♏12'43	-5°41'37
	-9122 Jul 12 j 06:46	30°℞♎	
direct	-9122 Aug 06 j 00:12	25°♎57'38	
	-9122 Sep 01 j 10:02	0°♏	
	-9122 Nov 07 j 14:09	0°♐	
	-9122 Dec 30 j 00:52	0°♑	
asc. node	-9121 Feb 13 j 03:12	27°♑15'10	
	-9121 Feb 17 j 14:17	0°♒	
	-9121 Apr 06 j 08:17	0°♓	
evening set	-9121 Apr 30 j 16:49	15°♓46'43	
max. Earth dist.	-9121 May 22 j 11:04	0°♈11'56	2.57765 AU
	-9121 May 22 j 03:57	0°♈	
conjunction	-9121 Jun 18 j 15:53	18°♈41'54	1°02'41
minimum elong	-9121 Jun 18 j 14:22	18°♈39'17	1°02'48
	-9121 Jul 04 j 21:17	0°♉	
morning rise	-9121 Aug 07 j 13:12	24°♉05'12	
	-9121 Aug 15 j 15:24	0°♊	
	-9121 Sep 24 j 20:16	0°♋	
	-9121 Nov 03 j 03:09	0°♌	
	-9121 Dec 12 j 07:10	0°♍	
desc. node	-9120 Jan 17 j 08:19	27°♍04'05	
	-9120 Jan 21 j 07:55	0°♎	
	-9120 Mar 03 j 15:03	0°♏	
	-9120 Apr 20 j 03:27	0°♐	
retrograde	-9120 Jul 06 j 13:31	27°♐31'09	
min. Earth dist.	-9120 Aug 10 j 11:46	19°♐30'20	0.60879 AU
greatest brilliancy	-9120 Aug 14 j 11:52	17°♐54'40	-1.6m
opposition	-9120 Aug 15 j 04:56	17°♐37'39	-4°41'02
direct	-9120 Sep 21 j 16:17	8°♐52'25	
	-9120 Dec 01 j 02:14	0°♑	
asc. node	-9120 Dec 31 j 06:25	15°♑30'58	
	-9119 Jan 26 j 01:58	0°♒	
	-9119 Mar 16 j 21:34	0°♓	
	-9119 May 02 j 08:40	0°♈	
evening set	-9119 Jun 13 j 00:28	28°♈33'52	
	-9119 Jun 15 j 01:16	0°♉	
max. Earth dist.	-9119 Jun 29 j 01:24	9°♉59'18	2.46582 AU
	-9119 Jul 26 j 09:52	0°♊	
conjunction	-9119 Aug 05 j 18:54	7°♊45'12	1°08'44
minimum elong	-9119 Aug 05 j 20:20	7°♊47'53	1°09'14
	-9119 Sep 04 j 00:40	0°♋	
morning rise	-9119 Oct 03 j 10:42	22°♋48'24	
	-9119 Oct 12 j 15:57	0°♌	
	-9119 Nov 20 j 04:07	0°♍	
desc. node	-9119 Dec 04 j 02:46	10°♍45'32	
	-9119 Dec 29 j 10:14	0°♎	
	-9118 Feb 08 j 08:18	0°♏	
	-9118 Mar 23 j 23:58	0°♐	
	-9118 May 11 j 09:58	0°♑	
	-9118 Jul 16 j 01:11	0°♒	
retrograde	-9118 Aug 11 j 12:02	3°♒59'57	
	-9118 Sep 04 j 21:05	30°℞♑	
min. Earth dist.	-9118 Sep 19 j 09:36	24°♑35'34	0.66239 AU
opposition	-9118 Sep 20 j 09:14	24°♑11'43	-2°13'46
greatest brilliancy	-9118 Sep 20 j 07:58	24°♑13'00	-1.4m
direct	-9118 Oct 30 j 03:55	14°♑35'16	
asc. node	-9118 Nov 18 j 12:00	16°♑42'40	
	-9118 Dec 27 j 10:34	0°♒	
	-9117 Feb 22 j 20:33	0°♓	
	-9117 Apr 12 j 08:58	0°♈	
	-9117 May 26 j 16:00	0°♉	
	-9117 Jul 07 j 01:37	0°♊	
evening set	-9117 Aug 06 j 21:12	23°♊20'50	
	-9117 Aug 15 j 12:09	0°♋	
	-9117 Sep 22 j 21:49	0°♌	
conjunction	-9117 Oct 07 j 15:58	11°♌35'15	0°10'50
minimum elong	-9117 Oct 07 j 17:01	11°♌37'19	0°11'18
behind sun begin	-9117 Oct 06 j 21:00	10°♌58'01	
behind sun end	-9117 Oct 08 j 13:03	12°♌16'36	
desc. node	-9117 Oct 21 j 20:57	22°♌43'14	
max. Earth dist.	-9117 Oct 26 j 08:08	26°♌12'28	2.38300 AU
	-9117 Oct 31 j 04:56	0°♍	
	-9117 Dec 09 j 06:31	0°♎	
morning rise	-9117 Dec 12 j 11:38	2°♎25'24	
	-9116 Jan 18 j 21:19	0°♏	
	-9116 Mar 01 j 16:55	0°♐	
	-9116 Apr 16 j 08:19	0°♑	
	-9116 Jun 05 j 04:01	0°♒	
	-9116 Aug 06 j 07:08	0°♓	
retrograde	-9116 Sep 14 j 21:20	8°♓02'33	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

asc. node	-9116 Oct 05 j 16:24	5°♓12'03	
	-9116 Oct 20 j 21:38	30°R♒	
opposition	-9116 Oct 23 j 21:33	28°♒49'02	0°43'06
greatest brilliancy	-9116 Oct 23 j 22:52	28°♒47'43	-1.4m
min. Earth dist.	-9116 Oct 26 j 15:01	27°♒43'59	0.65466 AU
direct	-9116 Dec 03 j 19:00	18°♒49'38	
	-9115 Jan 20 j 05:51	0°♓	
	-9115 Mar 19 j 01:35	0°♈	
	-9115 May 04 j 14:54	0°♉	
	-9115 Jun 15 j 18:35	0°♊	
	-9115 Jul 25 j 11:31	0°♋	
	-9115 Sep 02 j 00:08	0°♌	
desc. node	-9115 Sep 07 j 16:57	4°♌27'53	
evening set	-9115 Oct 10 j 19:36	0°♍18'36	
	-9115 Oct 10 j 10:01	0°♍	
	-9115 Nov 18 j 15:06	0°♎	
conjunction	-9115 Dec 11 j 17:35	17°♎10'27	-0°59'50
minimum elong	-9115 Dec 11 j 14:53	17°♎05'30	0°59'54
	-9115 Dec 29 j 09:04	0°♏	
max. Earth dist.	-9114 Jan 22 j 03:15	16°♏51'15	2.49712 AU
morning rise	-9114 Feb 08 j 16:30	29°♏00'15	
	-9114 Feb 10 j 03:24	0°♐	
	-9114 Mar 27 j 02:48	0°♑	
	-9114 May 13 j 09:40	0°♒	
	-9114 Jul 02 j 17:08	0°♓	
asc. node	-9114 Aug 23 j 16:28	27°♓12'27	
	-9114 Aug 29 j 22:25	0°♈	
retrograde	-9114 Oct 24 j 20:21	14°♈27'06	
opposition	-9114 Nov 30 j 20:20	6°♈14'02	3°52'43
greatest brilliancy	-9114 Dec 01 j 14:46	5°♈56'32	-1.7m
min. Earth dist.	-9114 Dec 07 j 02:45	3°♈51'16	0.58656 AU
	-9114 Dec 18 j 09:47	30°R♓	
direct	-9113 Jan 10 j 05:52	26°♓30'44	
	-9113 Feb 03 j 10:03	0°♈	
	-9113 Apr 08 j 05:39	0°♉	
	-9113 May 23 j 16:31	0°♊	
	-9113 Jul 03 j 17:09	0°♋	
desc. node	-9113 Jul 26 j 18:18	17°♋31'07	
	-9113 Aug 12 j 00:02	0°♌	
	-9113 Sep 20 j 00:16	0°♍	
	-9113 Oct 29 j 18:31	0°♎	
evening set	-9113 Dec 10 j 03:21	0°♏05'06	
	-9113 Dec 10 j 00:29	0°♏	
	-9112 Jan 22 j 03:40	0°♐	
conjunction	-9112 Feb 02 j 18:53	7°♐52'11	-1°09'49
minimum elong	-9112 Feb 02 j 19:54	7°♐53'55	1°10'18
max. Earth dist.	-9112 Feb 25 j 19:58	23°♐12'44	2.60229 AU
	-9112 Mar 07 j 04:06	0°♑	
morning rise	-9112 Mar 25 j 06:01	11°♑44'54	
	-9112 Apr 22 j 18:09	0°♒	
	-9112 Jun 09 j 13:18	0°♓	
asc. node	-9112 Jul 10 j 11:57	19°♓00'39	
	-9112 Jul 28 j 17:35	0°♈	
	-9112 Sep 19 j 08:13	0°♉	
retrograde	-9112 Dec 15 j 06:27	29°♉58'43	
opposition	-9111 Jan 17 j 21:48	23°♉25'38	6°18'55
greatest brilliancy	-9111 Jan 19 j 16:03	22°♉50'26	-2.3m
min. Earth dist.	-9111 Jan 26 j 03:06	20°♉42'35	0.47002 AU
direct	-9111 Feb 23 j 19:32	15°♉26'43	
	-9111 Apr 15 j 18:19	0°♊	
	-9111 Jun 04 j 16:53	0°♋	
desc. node	-9111 Jun 12 j 22:42	5°♋36'51	
	-9111 Jul 17 j 07:30	0°♌	
	-9111 Aug 27 j 08:09	0°♍	
	-9111 Oct 07 j 14:33	0°♎	
	-9111 Nov 19 j 00:49	0°♏	
	-9110 Jan 02 j 01:03	0°♐	
evening set	-9110 Jan 25 j 23:30	15°♐52'45	
	-9110 Feb 16 j 13:58	0°♑	
conjunction	-9110 Mar 16 j 17:46	18°♑10'56	-0°39'41
minimum elong	-9110 Mar 16 j 19:11	18°♑13'11	0°40'14
max. Earth dist.	-9110 Mar 23 j 06:45	22°♑22'45	2.65848 AU
	-9110 Apr 04 j 04:21	0°♒	
morning rise	-9110 May 03 j 05:44	18°♒33'19	
	-9110 May 21 j 04:05	0°♓	
asc. node	-9110 May 28 j 04:33	4°♓29'10	
	-9110 Jul 07 j 00:03	0°♈	
	-9110 Aug 22 j 14:04	0°♉	
	-9110 Oct 08 j 10:52	0°♊	
	-9110 Nov 26 j 07:20	0°♋	
	-9109 Jan 25 j 17:06	0°♌	
retrograde	-9109 Feb 27 j 21:59	6°♌20'44	
opposition	-9109 Mar 30 j 16:43	1°♌12'23	2°28'23
greatest brilliancy	-9109 Mar 30 j 21:16	1°♌09'21	-2.9m
min. Earth dist.	-9109 Mar 31 j 05:27	1°♌03'53	0.38149 AU
	-9109 Apr 04 j 06:16	30°R♋	
direct	-9109 Apr 30 j 05:37	26°♋03'06	
desc. node	-9109 May 01 j 02:58	26°♋03'25	
	-9109 May 25 j 14:10	0°♌	
	-9109 Jul 26 j 10:14	0°♍	
	-9109 Sep 11 j 23:57	0°♎	
	-9109 Oct 27 j 19:58	0°♏	
	-9109 Dec 12 j 21:49	0°♐	
	-9108 Jan 28 j 16:00	0°♑	
evening set	-9108 Mar 06 j 20:57	24°♑18'28	
	-9108 Mar 15 j 19:41	0°♒	
asc. node	-9108 Apr 13 j 21:57	18°♒33'53	
max. Earth dist.	-9108 Apr 15 j 07:40	19°♒27'54	2.66119 AU
conjunction	-9108 Apr 23 j 14:57	24°♒47'34	0°05'41
minimum elong	-9108 Apr 23 j 14:45	24°♒47'14	0°05'17
behind sun begin	-9108 Apr 22 j 20:08	24°♒17'21	
behind sun end	-9108 Apr 24 j 09:22	25°♒17'08	
	-9108 May 01 j 17:07	0°♓	
morning rise	-9108 Jun 08 j 22:23	24°♓53'17	
	-9108 Jun 16 j 16:18	0°♈	
	-9108 Jul 31 j 08:35	0°♉	
	-9108 Sep 12 j 18:02	0°♊	
	-9108 Oct 25 j 04:05	0°♋	
	-9108 Dec 06 j 05:16	0°♌	
	-9107 Jan 18 j 04:57	0°♍	
	-9107 Mar 07 j 04:45	0°♎	
desc. node	-9107 Mar 18 j 05:31	5°♎45'47	
retrograde	-9107 May 06 j 06:39	19°♎44'05	
min. Earth dist.	-9107 Jun 03 j 02:01	14°♎35'13	0.45142 AU
greatest brilliancy	-9107 Jun 09 j 17:26	12°♎21'36	-2.4m
opposition	-9107 Jun 11 j 04:29	11°♎52'01	-5°00'14
direct	-9107 Jul 13 j 13:58	5°♎26'00	
	-9107 Sep 26 j 04:44	0°♏	
	-9107 Nov 18 j 14:39	0°♐	
	-9106 Jan 07 j 10:09	0°♑	
	-9106 Feb 24 j 23:34	0°♒	
asc. node	-9106 Mar 01 j 18:57	3°♒00'24	
	-9106 Apr 13 j 08:27	0°♓	
evening set	-9106 Apr 15 j 00:02	1°♓03'43	
max. Earth dist.	-9106 May 11 j 04:57	18°♓07'00	2.61096 AU
	-9106 May 29 j 02:50	0°♈	
conjunction	-9106 Jun 02 j 02:43	2°♈40'35	0°49'46
minimum elong	-9106 Jun 02 j 01:08	2°♈37'57	0°49'42
	-9106 Jul 12 j 00:12	0°♉	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

morning rise	-9106 Jul 20 j 04:28	5°♉44'14	
	-9106 Aug 23 j 01:48	0°♊	
	-9106 Oct 02 j 16:23	0°♋	
	-9106 Nov 11 j 09:51	0°♌	
	-9106 Dec 21 j 01:26	0°♍	
	-9105 Jan 30 j 18:01	0°♎	
desc. node	-9105 Feb 03 j 04:16	2°♎27'24	
	-9105 Mar 15 j 10:58	0°♏	
	-9105 May 07 j 20:24	0°♐	
retrograde	-9105 Jun 22 j 07:49	11°♐34'58	
min. Earth dist.	-9105 Jul 25 j 07:57	4°♐16'59	0.57201 AU
greatest brilliancy	-9105 Jul 30 j 09:09	2°♐18'48	-1.8m
opposition	-9105 Jul 31 j 10:52	1°♐53'38	-5°21'39
	-9105 Aug 05 j 09:39	30°℞♏	
direct	-9105 Sep 05 j 17:15	23°♏37'52	
	-9105 Oct 10 j 05:02	0°♐	
	-9105 Dec 14 j 05:37	0°♑	
asc. node	-9104 Jan 17 j 20:38	19°♑31'22	
	-9104 Feb 04 j 14:57	0°♒	
	-9104 Mar 24 j 09:32	0°♓	
	-9104 May 09 j 12:34	0°♈	
evening set	-9104 May 25 j 20:55	11°♈02'33	
max. Earth dist.	-9104 Jun 11 j 13:59	22°♈33'49	2.51296 AU
	-9104 Jun 22 j 04:27	0°♉	
conjunction	-9104 Jul 16 j 06:11	17°♉14'21	1°12'35
minimum elong	-9104 Jul 16 j 06:01	17°♉14'03	1°12'57
	-9104 Aug 02 j 15:47	0°♊	
morning rise	-9104 Sep 08 j 19:25	27°♊58'16	
	-9104 Sep 11 j 11:05	0°♋	
	-9104 Oct 20 j 07:12	0°♌	
	-9104 Nov 27 j 23:54	0°♍	
desc. node	-9104 Dec 20 j 22:23	17°♍33'32	
	-9103 Jan 06 j 10:46	0°♎	
	-9103 Feb 16 j 16:13	0°♏	
	-9103 Apr 02 j 02:56	0°♐	
	-9103 May 23 j 13:30	0°♑	
retrograde	-9103 Jul 28 j 21:12	20°♑33'34	
min. Earth dist.	-9103 Sep 04 j 08:36	11°♑38'15	0.64863 AU
opposition	-9103 Sep 06 j 19:41	10°♑38'40	-3°15'45
greatest brilliancy	-9103 Sep 06 j 13:46	10°♑44'38	-1.4m
direct	-9103 Oct 15 j 19:55	1°♑18'48	
asc. node	-9103 Dec 05 j 01:35	13°♑17'37	
	-9102 Jan 09 j 16:01	0°♒	
	-9102 Mar 03 j 16:30	0°♓	
	-9102 Apr 20 j 03:35	0°♈	
	-9102 Jun 03 j 03:06	0°♉	
evening set	-9102 Jul 14 j 20:28	0°♊17'11	
	-9102 Jul 14 j 11:14	0°♊	
max. Earth dist.	-9102 Aug 13 j 14:04	22°♊47'46	2.39585 AU
	-9102 Aug 22 j 22:32	0°♋	
conjunction	-9102 Sep 11 j 13:04	15°♋14'31	0°41'02
minimum elong	-9102 Sep 11 j 16:01	15°♋20'15	0°41'34
	-9102 Sep 30 j 09:19	0°♌	
desc. node	-9102 Nov 07 j 16:31	29°♌58'42	
	-9102 Nov 07 j 17:11	0°♍	
morning rise	-9102 Nov 15 j 06:04	5°♍50'59	
	-9102 Dec 16 j 19:11	0°♎	
	-9101 Jan 26 j 10:46	0°♏	
	-9101 Mar 10 j 10:24	0°♐	
	-9101 Apr 25 j 16:43	0°♑	
	-9101 Jun 16 j 22:17	0°♒	
retrograde	-9101 Sep 01 j 22:09	24°♒58'52	
opposition	-9101 Oct 11 j 09:28	15°♒29'01	-0°27'44
greatest brilliancy	-9101 Oct 11 j 10:12	15°♒28'17	-1.4m
min. Earth dist.	-9101 Oct 12 j 16:02	14°♒58'23	0.66514 AU
asc. node	-9101 Oct 23 j 06:19	10°♒54'57	
direct	-9101 Nov 21 j 00:05	5°♒35'15	
	-9100 Feb 05 j 10:53	0°♓	
	-9100 Mar 28 j 13:32	0°♈	
	-9100 May 12 j 22:08	0°♉	
	-9100 Jun 23 j 16:19	0°♊	
	-9100 Aug 02 j 05:32	0°♋	
	-9100 Sep 09 j 15:52	0°♌	
evening set	-9100 Sep 14 j 12:27	3°♌48'49	
desc. node	-9100 Sep 24 j 12:52	11°♌40'33	
	-9100 Oct 17 j 23:25	0°♍	
conjunction	-9100 Nov 17 j 02:34	23°♍12'19	-0°38'19
minimum elong	-9100 Nov 16 j 23:38	23°♍06'43	0°38'09
	-9100 Nov 26 j 01:46	0°♎	
max. Earth dist.	-9099 Jan 02 j 02:21	27°♎23'43	2.44685 AU
	-9099 Jan 05 j 16:49	0°♏	
morning rise	-9099 Jan 18 j 15:48	9°♏16'16	
	-9099 Feb 17 j 09:35	0°♐	
	-9099 Apr 03 j 11:42	0°♑	
	-9099 May 21 j 09:07	0°♒	
	-9099 Jul 12 j 21:07	0°♓	
asc. node	-9099 Sep 09 j 07:44	25°♓18'38	
retrograde	-9099 Oct 08 j 09:36	29°♓52'32	
opposition	-9099 Nov 15 j 08:04	21°♓12'07	2°39'02
greatest brilliancy	-9099 Nov 15 j 17:39	21°♓02'48	-1.6m
min. Earth dist.	-9099 Nov 20 j 06:15	19°♓17'15	0.62016 AU
direct	-9099 Dec 26 j 03:56	11°♓15'58	
	-9098 Feb 27 j 00:57	0°♈	
	-9098 Apr 19 j 11:19	0°♉	
	-9098 Jun 02 j 00:51	0°♊	
	-9098 Jul 12 j 08:25	0°♋	
desc. node	-9098 Aug 12 j 11:29	23°♋58'37	
	-9098 Aug 20 j 05:36	0°♌	
	-9098 Sep 27 j 22:11	0°♍	
	-9098 Nov 06 j 09:30	0°♎	
evening set	-9098 Nov 18 j 04:26	8°♎45'54	
	-9098 Dec 17 j 08:57	0°♏	
conjunction	-9097 Jan 14 j 15:54	19°♏56'09	-1°12'31
minimum elong	-9097 Jan 14 j 15:43	19°♏55'49	1°12'55
	-9097 Jan 29 j 06:55	0°♐	
max. Earth dist.	-9097 Feb 13 j 23:37	10°♐38'01	2.56599 AU
morning rise	-9097 Mar 09 j 15:46	26°♐21'47	
	-9097 Mar 15 j 04:53	0°♑	
	-9097 Apr 30 j 22:21	0°♒	
	-9097 Jun 18 j 08:54	0°♓	
asc. node	-9097 Jul 28 j 04:53	23°♓36'07	
	-9097 Aug 08 j 11:05	0°♈	
	-9097 Oct 07 j 22:01	0°♉	
retrograde	-9097 Nov 23 j 16:10	10°♉42'49	
opposition	-9097 Dec 28 j 18:47	3°♉24'58	5°37'33
greatest brilliancy	-9097 Dec 30 j 05:45	2°♉53'44	-2.0m
min. Earth dist.	-9096 Jan 05 j 16:23	0°♉36'25	0.51907 AU
	-9096 Jan 07 j 10:55	30°℞♈	
direct	-9096 Feb 05 j 12:59	24°♈30'00	
	-9096 Mar 06 j 15:52	0°♉	
	-9096 May 03 j 23:35	0°♊	
	-9096 Jun 16 j 20:43	0°♋	
desc. node	-9096 Jun 29 j 13:44	9°♋14'37	
	-9096 Jul 27 j 12:09	0°♌	
	-9096 Sep 05 j 10:08	0°♍	
	-9096 Oct 15 j 21:40	0°♎	
	-9096 Nov 26 j 17:32	0°♏	
evening set	-9095 Jan 08 j 12:21	29°♏28'10	
	-9095 Jan 09 j 07:13	0°♐	
	-9095 Feb 23 j 13:23	0°♑	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

conjunction	-9095 Feb 28 j 19:08	3°♉24'45	-0°54'15
minimum elong	-9095 Feb 28 j 20:46	3°♉27'25	0°54'47
max. Earth dist.	-9095 Mar 13 j 11:53	11°♉38'34	2.64268 AU
	-9095 Apr 11 j 01:51	0°♒	
morning rise	-9095 Apr 18 j 11:45	4°♒43'58	
	-9095 May 28 j 06:18	0°♓	
asc. node	-9095 Jun 13 j 23:01	10°♓34'09	
	-9095 Jul 14 j 17:45	0°♈	
	-9095 Aug 31 j 18:38	0°♉	
	-9095 Oct 20 j 23:21	0°♊	
	-9095 Dec 21 j 02:53	0°♋	
retrograde	-9094 Jan 27 j 14:58	7°♋33'38	
opposition	-9094 Feb 27 j 18:22	2°♋12'06	5°20'26
greatest brilliancy	-9094 Feb 28 j 22:52	1°♋51'47	-2.7m
min. Earth dist.	-9094 Mar 05 j 03:19	0°♋40'29	0.40180 AU
	-9094 Mar 07 j 14:06	30°℞♊	
direct	-9094 Apr 01 j 15:17	26°♊10'45	
	-9094 Apr 26 j 00:26	0°♋	
desc. node	-9094 May 17 j 18:48	8°♋29'21	
	-9094 Jun 25 j 09:08	0°♌	
	-9094 Aug 09 j 23:52	0°♍	
	-9094 Sep 22 j 16:46	0°♎	
	-9094 Nov 05 j 16:04	0°♏	
	-9094 Dec 20 j 16:38	0°♐	
	-9093 Feb 04 j 20:22	0°♑	
evening set	-9093 Feb 20 j 10:40	10°♑00'43	
	-9093 Mar 23 j 17:11	0°♒	
max. Earth dist.	-9093 Apr 07 j 00:23	9°♒07'56	2.66653 AU
conjunction	-9093 Apr 09 j 16:43	10°♒50'41	-0°12'39
minimum elong	-9093 Apr 09 j 17:13	10°♒51'29	0°13'08
behind sun begin	-9093 Apr 09 j 06:10	10°♒33'49	
behind sun end	-9093 Apr 10 j 04:17	11°♒09'09	
asc. node	-9093 May 01 j 15:35	24°♒54'10	
	-9093 May 09 j 13:59	0°♓	
morning rise	-9093 May 26 j 03:51	10°♓41'52	
	-9093 Jun 24 j 19:01	0°♈	
	-9093 Aug 09 j 00:38	0°♉	
	-9093 Sep 22 j 08:25	0°♊	
	-9093 Nov 05 j 04:45	0°♋	
	-9093 Dec 19 j 12:36	0°♌	
	-9092 Feb 05 j 11:07	0°♍	
desc. node	-9092 Apr 03 j 22:27	22°♍57'45	
retrograde	-9092 Apr 12 j 19:18	23°♍30'34	
min. Earth dist.	-9092 May 09 j 23:00	18°♍53'38	0.40790 AU
opposition	-9092 May 16 j 10:14	16°♍56'29	-3°03'33
greatest brilliancy	-9092 May 15 j 14:42	17°♍11'16	-2.7m
direct	-9092 Jun 16 j 06:23	11°♍20'42	
	-9092 Aug 17 j 04:45	0°♎	
	-9092 Oct 09 j 22:58	0°♏	
	-9092 Nov 28 j 01:22	0°♐	
	-9091 Jan 15 j 06:51	0°♑	
	-9091 Mar 04 j 03:43	0°♒	
asc. node	-9091 Mar 18 j 10:54	9°♒02'13	
evening set	-9091 Mar 30 j 17:11	16°♒49'42	
	-9091 Apr 20 j 06:34	0°♓	
max. Earth dist.	-9091 Apr 30 j 17:18	6°♓45'25	2.63690 AU
conjunction	-9091 May 17 j 09:12	17°♓38'00	0°33'49
minimum elong	-9091 May 17 j 07:59	17°♓36'01	0°33'36
	-9091 Jun 05 j 01:43	0°♈	
morning rise	-9091 Jul 03 j 08:03	19°♈04'35	
	-9091 Jul 19 j 04:58	0°♉	
	-9091 Aug 30 j 16:18	0°♊	
	-9091 Oct 10 j 19:34	0°♋	
	-9091 Nov 20 j 03:47	0°♌	
	-9091 Dec 30 j 13:16	0°♍	
	-9090 Feb 10 j 10:39	0°♎	
desc. node	-9090 Feb 19 j 21:52	6°♎27'47	
	-9090 Mar 29 j 09:05	0°♏	
retrograde	-9090 Jun 05 j 17:40	23°♏46'49	
min. Earth dist.	-9090 Jul 06 j 15:29	17°♏17'42	0.52791 AU
opposition	-9090 Jul 13 j 23:55	14°♏31'52	-5°43'18
greatest brilliancy	-9090 Jul 12 j 14:19	15°♏03'37	-2.0m
direct	-9090 Aug 17 j 21:10	6°♏52'41	
	-9090 Oct 30 j 03:27	0°♐	
	-9090 Dec 24 j 04:12	0°♑	
asc. node	-9089 Feb 03 j 10:38	24°♑27'29	
	-9089 Feb 12 j 13:21	0°♒	
	-9089 Apr 01 j 15:18	0°♓	
evening set	-9089 May 09 j 22:49	24°♓55'17	
	-9089 May 17 j 13:42	0°♈	
max. Earth dist.	-9089 May 29 j 15:25	8°♈07'58	2.55654 AU
conjunction	-9089 Jun 28 j 14:06	28°♈48'03	1°08'04
minimum elong	-9089 Jun 28 j 12:53	28°♈45'54	1°08'17
	-9089 Jun 30 j 07:03	0°♉	
	-9089 Aug 10 j 23:04	0°♊	
morning rise	-9089 Aug 18 j 20:16	5°♊49'17	
	-9089 Sep 20 j 00:38	0°♋	
	-9089 Oct 29 j 03:17	0°♌	
	-9089 Dec 07 j 02:13	0°♍	
desc. node	-9088 Jan 07 j 19:18	24°♍01'21	
	-9088 Jan 15 j 20:11	0°♎	
	-9088 Feb 26 j 14:05	0°♏	
	-9088 Apr 12 j 11:44	0°♐	
	-9088 Jun 11 j 07:09	0°♑	
retrograde	-9088 Jul 14 j 22:05	6°♑29'11	
	-9088 Aug 14 j 23:57	30°℞♐	
min. Earth dist.	-9088 Aug 19 j 19:10	28°♐07'30	0.62549 AU
opposition	-9088 Aug 23 j 17:30	26°♐32'55	-4°12'04
greatest brilliancy	-9088 Aug 23 j 04:52	26°♐45'36	-1.5m
direct	-9088 Sep 30 j 19:01	17°♐33'57	
	-9088 Nov 20 j 23:58	0°♑	
asc. node	-9088 Dec 21 j 14:08	14°♑12'46	
	-9087 Jan 20 j 01:07	0°♒	
	-9087 Mar 11 j 19:06	0°♓	
	-9087 Apr 27 j 14:06	0°♈	
	-9087 Jun 10 j 09:31	0°♉	
evening set	-9087 Jun 24 j 00:54	9°♉43'16	
max. Earth dist.	-9087 Jul 11 j 15:35	22°♉31'28	2.43935 AU
	-9087 Jul 21 j 18:15	0°♊	
conjunction	-9087 Aug 18 j 09:29	20°♊50'17	1°01'55
minimum elong	-9087 Aug 18 j 11:49	20°♊54'45	1°02'26
	-9087 Aug 30 j 08:07	0°♋	
	-9087 Oct 07 j 21:51	0°♌	
morning rise	-9087 Oct 18 j 10:50	8°♌14'52	
	-9087 Nov 15 j 08:06	0°♍	
desc. node	-9087 Nov 24 j 13:15	7°♍08'01	
	-9087 Dec 24 j 12:00	0°♎	
	-9086 Feb 03 j 06:15	0°♏	
	-9086 Mar 18 j 13:16	0°♐	
	-9086 May 04 j 20:57	0°♑	
	-9086 Jul 01 j 06:43	0°♒	
retrograde	-9086 Aug 19 j 07:35	11°♒59'04	
opposition	-9086 Sep 28 j 02:04	2°♒16'14	-1°35'41
greatest brilliancy	-9086 Sep 28 j 02:17	2°♒16'02	-1.4m
min. Earth dist.	-9086 Sep 27 j 21:22	2°♒20'59	0.66595 AU
	-9086 Oct 03 j 18:47	30°℞♑	
direct	-9086 Nov 07 j 05:02	22°♑32'29	
asc. node	-9086 Nov 08 j 19:21	22°♑33'27	
	-9086 Dec 15 j 10:30	0°♒	
	-9085 Feb 16 j 14:14	0°♓	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9085 Apr 07 j 03:05	0°♈	
	-9085 May 21 j 18:34	0°♉	
	-9085 Jul 02 j 07:08	0°♊	
	-9085 Aug 10 j 18:37	0°♋	
evening set	-9085 Aug 20 j 18:37	7°♋45'46	
	-9085 Sep 18 j 04:16	0°♌	
desc. node	-9085 Oct 12 j 07:08	18°♌56'08	
conjunction	-9085 Oct 22 j 18:35	27°♌07'42	-0°08'01
minimum elong	-9085 Oct 22 j 17:52	27°♌06'18	0°07'37
behind sun begin	-9085 Oct 21 j 17:13	26°♌18'14	
behind sun end	-9085 Oct 23 j 18:31	27°♌54'21	
	-9085 Oct 26 j 11:00	0°♍	
max. Earth dist.	-9085 Dec 01 j 03:31	27°♍27'20	2.40008 AU
	-9085 Dec 04 j 12:12	0°♎	
morning rise	-9085 Dec 27 j 00:17	16°♎48'26	
	-9084 Jan 14 j 02:09	0°♏	
	-9084 Feb 25 j 19:18	0°♐	
	-9084 Apr 11 j 03:36	0°♑	
	-9084 May 30 j 00:39	0°♒	
	-9084 Jul 25 j 18:10	0°♓	
retrograde	-9084 Sep 23 j 05:31	16°♓08'12	
asc. node	-9084 Sep 25 j 22:56	16°♓05'23	
opposition	-9084 Oct 31 j 21:33	7°♓05'18	1°25'18
greatest brilliancy	-9084 Nov 01 j 01:01	7°♓01'52	-1.5m
min. Earth dist.	-9084 Nov 04 j 09:32	5°♓42'20	0.64496 AU
	-9084 Nov 20 j 20:28	30°℞♒	
direct	-9084 Dec 11 j 20:02	27°♒05'17	
	-9083 Jan 03 j 08:53	0°♓	
	-9083 Mar 12 j 05:24	0°♈	
	-9083 Apr 29 j 00:53	0°♉	
	-9083 Jun 10 j 14:48	0°♊	
	-9083 Jul 20 j 12:25	0°♋	
	-9083 Aug 28 j 03:31	0°♌	
desc. node	-9083 Aug 29 j 04:47	0°♌49'24	
	-9083 Oct 05 j 14:52	0°♍	
evening set	-9083 Oct 25 j 04:13	15°♍03'27	
	-9083 Nov 13 j 21:08	0°♎	
conjunction	-9083 Dec 24 j 15:16	29°♎58'55	-1°07'13
minimum elong	-9083 Dec 24 j 13:25	29°♎55'35	1°07'25
	-9083 Dec 24 j 15:52	0°♏	
max. Earth dist.	-9082 Jan 31 j 09:04	26°♏32'06	2.52318 AU
	-9082 Feb 05 j 10:14	0°♐	
morning rise	-9082 Feb 19 j 16:51	9°♐41'39	
	-9082 Mar 22 j 07:48	0°♑	
	-9082 May 08 j 07:57	0°♒	
	-9082 Jun 26 j 18:16	0°♓	
asc. node	-9082 Aug 13 j 22:20	26°♓47'32	
	-9082 Aug 20 j 06:00	0°♈	
retrograde	-9082 Nov 04 j 01:42	23°♈48'53	
opposition	-9082 Dec 10 j 10:46	15°♈53'37	4°33'36
greatest brilliancy	-9082 Dec 11 j 11:01	15°♈30'58	-1.8m
min. Earth dist.	-9082 Dec 17 j 08:47	13°♈18'53	0.56432 AU
direct	-9081 Jan 19 j 09:26	6°♈23'11	
	-9081 Mar 30 j 13:14	0°♉	
	-9081 May 17 j 05:08	0°♊	
	-9081 Jun 27 j 23:18	0°♋	
desc. node	-9081 Jul 17 j 06:17	14°♋29'13	
	-9081 Aug 06 j 15:19	0°♌	
	-9081 Sep 14 j 21:32	0°♍	
	-9081 Oct 24 j 20:25	0°♎	
	-9081 Dec 05 j 05:50	0°♏	
evening set	-9081 Dec 21 j 15:26	11°♏32'14	
	-9080 Jan 17 j 11:20	0°♐	
conjunction	-9080 Feb 12 j 22:42	17°♐45'47	-1°05'26
minimum elong	-9080 Feb 13 j 00:07	17°♐48'09	1°05'57
	-9080 Mar 02 j 12:38	0°♑	
max. Earth dist.	-9080 Mar 03 j 03:43	0°♑24'40	2.61882 AU
morning rise	-9080 Apr 03 j 06:40	20°♑33'34	
	-9080 Apr 18 j 01:07	0°♒	
	-9080 Jun 04 j 13:30	0°♓	
asc. node	-9080 Jun 30 j 17:17	16°♓17'30	
	-9080 Jul 22 j 23:42	0°♈	
	-9080 Sep 11 j 09:17	0°♉	
	-9080 Nov 08 j 16:20	0°♊	
retrograde	-9080 Dec 29 j 19:56	12°♊44'26	
opposition	-9079 Jan 31 j 12:11	6°♊39'00	6°21'22
greatest brilliancy	-9079 Feb 02 j 06:31	6°♊05'38	-2.4m
min. Earth dist.	-9079 Feb 08 j 08:55	4°♊11'11	0.44284 AU
	-9079 Feb 26 j 07:22	30°℞♉	
direct	-9079 Mar 08 j 02:37	29°♉20'32	
	-9079 Mar 17 j 23:47	0°♊	
	-9079 May 26 j 05:03	0°♋	
desc. node	-9079 Jun 03 j 09:39	5°♋10'14	
	-9079 Jul 10 j 02:51	0°♌	
	-9079 Aug 21 j 04:08	0°♍	
	-9079 Oct 02 j 01:38	0°♎	
	-9079 Nov 13 j 22:03	0°♏	
	-9079 Dec 28 j 05:03	0°♐	
evening set	-9078 Feb 04 j 11:25	25°♐10'06	
	-9078 Feb 11 j 22:00	0°♑	
conjunction	-9078 Mar 25 j 13:56	26°♑48'08	-0°30'12
minimum elong	-9078 Mar 25 j 15:04	26°♑49'56	0°30'43
max. Earth dist.	-9078 Mar 28 j 19:28	28°♑52'07	2.66372 AU
	-9078 Mar 30 j 13:56	0°♒	
morning rise	-9078 May 11 j 14:07	26°♒51'18	
	-9078 May 16 j 12:00	0°♓	
asc. node	-9078 May 18 j 10:17	1°♓14'08	
	-9078 Jul 02 j 01:59	0°♈	
	-9078 Aug 17 j 02:36	0°♉	
	-9078 Oct 01 j 20:20	0°♊	
	-9078 Nov 17 j 05:03	0°♋	
	-9077 Jan 06 j 02:47	0°♌	
retrograde	-9077 Mar 17 j 06:35	23°♌53'11	
min. Earth dist.	-9077 Apr 15 j 04:15	19°♌07'03	0.38266 AU
opposition	-9077 Apr 17 j 13:26	18°♌28'12	0°19'31
greatest brilliancy	-9077 Apr 17 j 13:14	18°♌28'21	-3.0m
desc. node	-9077 Apr 21 j 15:19	17°♌22'16	
direct	-9077 May 17 j 18:33	13°♌23'23	
	-9077 Jul 13 j 10:21	0°♍	
	-9077 Sep 04 j 04:18	0°♎	
	-9077 Oct 21 j 17:17	0°♏	
	-9077 Dec 07 j 14:33	0°♐	
	-9076 Jan 23 j 19:02	0°♑	
	-9076 Mar 11 j 04:02	0°♒	
evening set	-9076 Mar 15 j 14:41	2°♒49'16	
asc. node	-9076 Apr 04 j 03:31	15°♒15'26	
max. Earth dist.	-9076 Apr 20 j 20:53	25°♒58'19	2.65483 AU
	-9076 Apr 27 j 03:03	0°♓	
conjunction	-9076 May 02 j 05:22	3°♓17'23	0°16'13
minimum elong	-9076 May 02 j 04:45	3°♓16'24	0°15'53
	-9076 Jun 12 j 00:45	0°♈	
morning rise	-9076 Jun 17 j 14:40	3°♈42'35	
	-9076 Jul 26 j 12:09	0°♉	
	-9076 Sep 07 j 13:01	0°♊	
	-9076 Oct 19 j 10:30	0°♋	
	-9076 Nov 29 j 17:45	0°♌	
	-9075 Jan 10 j 11:02	0°♍	
	-9075 Feb 23 j 23:37	0°♎	
desc. node	-9075 Mar 08 j 17:43	7°♎46'36	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9075 Apr 26 j 00:46	0°♏		
retrograde	-9075 May 18 j 01:56	3°♏13'24		
	-9075 Jun 08 j 08:43	30°℞♎		
min. Earth dist.	-9075 Jun 15 j 20:14	27°♎37'20	0.47848 AU	
greatest brilliancy	-9075 Jun 22 j 09:48	25°♎18'45	-2.3m	
opposition	-9075 Jun 23 j 22:58	24°♎45'46	-5°31'24	
direct	-9075 Jul 27 j 07:09	17°♎51'52		
	-9075 Sep 14 j 02:49	0°♏		
	-9075 Nov 11 j 19:59	0°♐		
	-9074 Jan 01 j 23:48	0°♑		
asc. node	-9074 Feb 20 j 01:11	29°♑58'04		
	-9074 Feb 20 j 02:26	0°♒		
	-9074 Apr 08 j 16:54	0°♓		
evening set	-9074 Apr 23 j 22:29	9°♓49'55		
max. Earth dist.	-9074 May 17 j 14:04	25°♓21'52	2.59357 AU	
	-9074 May 24 j 12:56	0°♈		
conjunction	-9074 Jun 11 j 10:48	12°♈05'22	0°57'40	
minimum elong	-9074 Jun 11 j 09:12	12°♈02'39	0°57'41	
	-9074 Jul 07 j 09:06	0°♉		
morning rise	-9074 Jul 30 j 09:54	16°♉19'35		
	-9074 Aug 18 j 07:16	0°♊		
	-9074 Sep 27 j 16:52	0°♋		
	-9074 Nov 06 j 04:26	0°♌		
	-9074 Dec 15 j 12:46	0°♍		
desc. node	-9073 Jan 24 j 14:24	29°♍52'04		
	-9073 Jan 24 j 18:45	0°♎		
	-9073 Mar 08 j 11:59	0°♏		
	-9073 Apr 26 j 13:57	0°♐		
retrograde	-9073 Jul 01 j 04:47	21°♐17'52		
min. Earth dist.	-9073 Aug 04 j 06:58	13°♐35'30	0.59327 AU	
opposition	-9073 Aug 09 j 15:41	11°♐28'15	-5°00'08	
greatest brilliancy	-9073 Aug 08 j 18:48	11°♐48'54	-1.7m	
direct	-9073 Sep 15 j 14:07	2°♐55'33		
	-9073 Dec 06 j 20:09	0°♑		
asc. node	-9072 Jan 08 j 03:57	17°♑23'56		
	-9072 Jan 30 j 02:28	0°♒		
	-9072 Mar 19 j 11:31	0°♓		
	-9072 May 04 j 20:13	0°♈		
evening set	-9072 Jun 05 j 00:58	21°♈13'35		
	-9072 Jun 17 j 13:50	0°♉		
max. Earth dist.	-9072 Jun 20 j 23:42	2°♉24'43	2.48740 AU	
conjunction	-9072 Jul 27 j 15:08	28°♉57'57	1°11'34	
minimum elong	-9072 Jul 27 j 15:50	28°♉59'14	1°12'01	
	-9072 Jul 29 j 00:38	0°♊		
	-9072 Sep 06 j 18:04	0°♋		
morning rise	-9072 Sep 22 j 08:38	12°♋01'49		
	-9072 Oct 15 j 11:41	0°♌		
	-9072 Nov 23 j 01:22	0°♍		
desc. node	-9072 Dec 11 j 09:08	14°♍05'53		
	-9071 Jan 01 j 08:35	0°♎		
	-9071 Feb 11 j 08:09	0°♏		
	-9071 Mar 27 j 04:42	0°♐		
	-9071 May 15 j 11:30	0°♑		
retrograde	-9071 Aug 05 j 18:30	28°♑46'23		
min. Earth dist.	-9071 Sep 13 j 00:50	19°♑34'43	0.65737 AU	
opposition	-9071 Sep 14 j 16:45	18°♑54'25	-2°40'17	
greatest brilliancy	-9071 Sep 14 j 13:42	18°♑57'30	-1.4m	
direct	-9071 Oct 24 j 03:30	9°♑25'00		
asc. node	-9071 Nov 25 j 09:04	14°♑53'46		
	-9070 Jan 01 j 17:13	0°♒		
	-9070 Feb 26 j 00:38	0°♓		
	-9070 Apr 15 j 02:58	0°♈		
	-9070 May 29 j 08:09	0°♉		
	-9070 Jul 09 j 18:14	0°♊		
evening set	-9070 Jul 27 j 14:53	13°♊25'36		
	-9070 Aug 18 j 05:53	0°♋		
max. Earth dist.	-9070 Sep 16 j 11:14	22°♋46'20	2.38190 AU	
	-9070 Sep 25 j 16:22	0°♌		
conjunction	-9070 Sep 26 j 02:21	0°♌19'34	0°24'45	
minimum elong	-9070 Sep 26 j 04:30	0°♌23'49	0°25'15	
desc. node	-9070 Oct 29 j 03:19	26°♌13'35		
	-9070 Nov 02 j 23:27	0°♍		
morning rise	-9070 Nov 30 j 18:48	21°♍27'48		
	-9070 Dec 12 j 00:22	0°♎		
	-9069 Jan 21 j 14:12	0°♏		
	-9069 Mar 05 j 09:35	0°♐		
	-9069 Apr 20 j 04:43	0°♑		
	-9069 Jun 09 j 17:53	0°♒		
	-9069 Aug 18 j 07:36	0°♓		
retrograde	-9069 Sep 09 j 22:02	2°♓53'32		
	-9069 Sep 30 j 19:54	30°℞♒		
asc. node	-9069 Oct 13 j 13:40	25°♒43'38		
opposition	-9069 Oct 19 j 03:19	23°♒32'10	0°13'07	
greatest brilliancy	-9069 Oct 19 j 03:39	23°♒31'50	-1.4m	
min. Earth dist.	-9069 Oct 21 j 04:45	22°♒42'48	0.66050 AU	
direct	-9069 Nov 28 j 22:03	13°♒34'44		
	-9068 Jan 27 j 15:51	0°♓		
	-9068 Mar 22 j 14:50	0°♈		
	-9068 May 07 j 16:17	0°♉		
	-9068 Jun 18 j 16:42	0°♊		
	-9068 Jul 28 j 08:37	0°♋		
	-9068 Sep 04 j 20:28	0°♌		
desc. node	-9068 Sep 14 j 22:19	7°♌54'15		
evening set	-9068 Sep 29 j 10:50	19°♌16'33		
	-9068 Oct 13 j 04:55	0°♍		
	-9068 Nov 21 j 08:01	0°♎		
conjunction	-9068 Dec 01 j 08:04	7°♎30'15	-0°51'50	
minimum elong	-9068 Dec 01 j 05:00	7°♎24'32	0°51'49	
	-9068 Dec 31 j 23:35	0°♏		
max. Earth dist.	-9067 Jan 14 j 06:57	9°♏31'21	2.47488 AU	
morning rise	-9067 Jan 30 j 21:49	21°♏12'02		
	-9067 Feb 12 j 15:40	0°♐		
	-9067 Mar 29 j 14:37	0°♑		
	-9067 May 16 j 01:30	0°♒		
	-9067 Jul 06 j 01:55	0°♓		
asc. node	-9067 Aug 30 j 14:37	27°♓21'50		
	-9067 Sep 06 j 11:52	0°♈		
retrograde	-9067 Oct 17 j 14:46	8°♈30'27		
opposition	-9067 Nov 24 j 01:18	0°♈04'19	3°21'28	
	-9067 Nov 24 j 05:48	30°℞♓		
greatest brilliancy	-9067 Nov 24 j 15:33	29°♓50'37	-1.6m	
min. Earth dist.	-9067 Nov 29 j 17:11	27°♓53'46	0.60274 AU	
direct	-9066 Jan 03 j 16:19	20°♓13'56		
	-9066 Feb 15 j 10:03	0°♈		
	-9066 Apr 12 j 17:58	0°♉		
	-9066 May 27 j 07:39	0°♊		
	-9066 Jul 07 j 00:37	0°♋		
desc. node	-9066 Aug 02 j 22:33	20°♋35'22		
	-9066 Aug 15 j 02:57	0°♌		
	-9066 Sep 22 j 22:58	0°♍		
	-9066 Nov 01 j 13:03	0°♎		
evening set	-9066 Nov 30 j 22:48	21°♎36'34		
	-9066 Dec 12 j 14:53	0°♏		
	-9065 Jan 24 j 14:21	0°♐		
conjunction	-9065 Jan 25 j 19:25	0°♐49'32	-1°11'46	
minimum elong	-9065 Jan 25 j 20:00	0°♐50'32	1°12'14	
max. Earth dist.	-9065 Feb 21 j 00:48	18°♐28'02	2.58707 AU	
	-9065 Mar 10 j 12:32	0°♑		
morning rise	-9065 Mar 19 j 07:37	5°♑44'23		

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9065 Apr 26 j 02:56	0°♒	
	-9065 Jun 13 j 03:20	0°♓	
asc. node	-9065 Jul 18 j 10:57	21°♓25'02	
	-9065 Aug 01 j 23:57	0°♈	
	-9065 Sep 25 j 22:04	0°♉	
retrograde	-9065 Dec 06 j 00:12	21°♉43'17	
opposition	-9064 Jan 09 j 08:45	14°♉49'15	6°04'42
greatest brilliancy	-9064 Jan 11 j 00:36	14°♉14'54	-2.1m
min. Earth dist.	-9064 Jan 17 j 14:05	12°♉00'20	0.49227 AU
direct	-9064 Feb 16 j 04:49	6°♉22'35	
	-9064 Apr 24 j 08:20	0°♊	
	-9064 Jun 09 j 19:37	0°♋	
desc. node	-9064 Jun 20 j 03:01	7°♋15'56	
	-9064 Jul 21 j 09:48	0°♌	
	-9064 Aug 30 j 20:32	0°♍	
	-9064 Oct 10 j 16:41	0°♎	
	-9064 Nov 21 j 18:55	0°♏	
	-9063 Jan 04 j 12:54	0°♐	
evening set	-9063 Jan 18 j 16:09	9°♐27'08	
	-9063 Feb 18 j 21:44	0°♑	
conjunction	-9063 Mar 10 j 01:27	12°♑25'00	-0°46'06
minimum elong	-9063 Mar 10 j 03:00	12°♑27'30	0°46'39
max. Earth dist.	-9063 Mar 19 j 06:48	18°♑21'27	2.65250 AU
	-9063 Apr 06 j 10:35	0°♒	
morning rise	-9063 Apr 27 j 00:37	13°♒08'29	
	-9063 May 23 j 11:59	0°♓	
asc. node	-9063 Jun 04 j 03:37	7°♓25'00	
	-9063 Jul 09 j 14:22	0°♈	
	-9063 Aug 25 j 17:58	0°♉	
	-9063 Oct 12 j 19:00	0°♊	
	-9063 Dec 03 j 18:38	0°♋	
retrograde	-9062 Feb 14 j 01:52	23°♋46'31	
opposition	-9062 Mar 16 j 20:41	18°♋38'20	3°55'58
greatest brilliancy	-9062 Mar 17 j 11:05	18°♋28'32	-2.9m
min. Earth dist.	-9062 Mar 19 j 18:23	17°♋51'02	0.38720 AU
direct	-9062 Apr 17 j 05:37	13°♋11'53	
desc. node	-9062 May 08 j 07:16	16°♋01'05	
	-9062 Jun 12 j 02:43	0°♌	
	-9062 Aug 01 j 19:15	0°♍	
	-9062 Sep 16 j 05:55	0°♎	
	-9062 Oct 31 j 02:40	0°♏	
	-9062 Dec 15 j 15:15	0°♐	
	-9061 Jan 31 j 01:57	0°♑	
evening set	-9061 Mar 01 j 08:52	18°♑42'28	
	-9061 Mar 19 j 02:09	0°♒	
max. Earth dist.	-9061 Apr 12 j 12:54	15°♒36'15	2.66463 AU
conjunction	-9061 Apr 18 j 07:19	19°♒17'42	-0°02'06
minimum elong	-9061 Apr 18 j 07:23	19°♒17'48	0°02'31
behind sun begin	-9061 Apr 17 j 12:03	18°♒46'51	
behind sun end	-9061 Apr 19 j 02:44	19°♒48'45	
asc. node	-9061 Apr 21 j 20:26	21°♒34'02	
	-9061 May 04 j 23:21	0°♓	
morning rise	-9061 Jun 03 j 14:49	19°♓12'52	
	-9061 Jun 20 j 01:38	0°♈	
	-9061 Aug 04 j 00:05	0°♉	
	-9061 Sep 16 j 19:15	0°♊	
	-9061 Oct 29 j 18:56	0°♋	
	-9061 Dec 11 j 15:51	0°♌	
	-9060 Jan 25 j 02:44	0°♍	
	-9060 Mar 18 j 19:07	0°♎	
desc. node	-9060 Mar 25 j 10:02	2°♎39'15	
retrograde	-9060 Apr 26 j 14:49	9°♎13'40	
min. Earth dist.	-9060 May 23 j 20:19	4°♎23'08	0.43048 AU
greatest brilliancy	-9060 May 30 j 06:37	2°♎19'42	-2.6m
opposition	-9060 May 31 j 12:47	1°♎55'24	-4°21'05
	-9060 Jun 06 j 17:16	30°℞♍	
direct	-9060 Jul 02 j 04:20	25°♍52'38	
	-9060 Jul 28 j 15:24	0°♎	
	-9060 Oct 01 j 22:18	0°♏	
	-9060 Nov 22 j 02:11	0°♐	
	-9059 Jan 10 j 03:16	0°♑	
	-9059 Feb 27 j 09:01	0°♒	
asc. node	-9059 Mar 08 j 16:41	5°♒51'25	
evening set	-9059 Apr 08 j 11:26	25°♒23'49	
	-9059 Apr 15 j 15:30	0°♓	
max. Earth dist.	-9059 May 06 j 17:26	13°♓40'04	2.62353 AU
conjunction	-9059 May 26 j 08:02	26°♓35'09	0°43'19
minimum elong	-9059 May 26 j 06:35	26°♓32'45	0°43'12
	-9059 May 31 j 11:05	0°♈	
morning rise	-9059 Jul 12 j 19:36	28°♈49'58	
	-9059 Jul 14 j 11:55	0°♉	
	-9059 Aug 25 j 18:39	0°♊	
	-9059 Oct 05 j 15:09	0°♋	
	-9059 Nov 14 j 15:03	0°♌	
	-9059 Dec 24 j 13:18	0°♍	
	-9058 Feb 03 j 15:16	0°♎	
desc. node	-9058 Feb 10 j 09:42	4°♎46'16	
	-9058 Mar 20 j 06:35	0°♏	
	-9058 May 19 j 06:15	0°♐	
retrograde	-9058 Jun 15 j 10:22	4°♐37'31	
	-9058 Jul 11 j 01:50	30°℞♏	
min. Earth dist.	-9058 Jul 17 j 12:36	27°♏40'40	0.55298 AU
greatest brilliancy	-9058 Jul 22 j 23:58	25°♏34'16	-1.9m
opposition	-9058 Jul 24 j 05:31	25°♏05'44	-5°34'07
direct	-9058 Aug 28 j 20:56	17°♏05'32	
	-9058 Oct 19 j 11:11	0°♐	
	-9058 Dec 17 j 21:30	0°♑	
asc. node	-9057 Jan 24 j 17:46	21°♑51'24	
	-9057 Feb 07 j 08:33	0°♒	
	-9057 Mar 27 j 20:16	0°♓	
	-9057 May 12 j 22:20	0°♈	
evening set	-9057 May 19 j 12:17	4°♈24'57	
max. Earth dist.	-9057 Jun 06 j 09:13	16°♈34'47	2.53307 AU
	-9057 Jun 25 j 15:55	0°♉	
conjunction	-9057 Jul 09 j 00:49	9°♉29'19	1°11'31
minimum elong	-9057 Jul 09 j 00:06	9°♉28'02	1°11'49
	-9057 Aug 06 j 06:18	0°♊	
morning rise	-9057 Aug 30 j 23:46	18°♊27'17	
	-9057 Sep 15 j 04:54	0°♋	
	-9057 Oct 24 j 04:11	0°♌	
	-9057 Dec 01 j 23:20	0°♍	
desc. node	-9057 Dec 29 j 04:36	20°♍45'27	
	-9056 Jan 10 j 12:15	0°♎	
	-9056 Feb 20 j 21:09	0°♏	
	-9056 Apr 05 j 17:44	0°♐	
	-9056 May 29 j 06:20	0°♑	
retrograde	-9056 Jul 23 j 00:21	15°♑05'09	
min. Earth dist.	-9056 Aug 28 j 19:01	6°♑24'32	0.63939 AU
opposition	-9056 Aug 31 j 22:17	5°♑08'46	-3°40'17
greatest brilliancy	-9056 Aug 31 j 13:37	5°♑17'30	-1.5m
	-9056 Sep 14 j 19:28	30°℞♐	
direct	-9056 Oct 09 j 12:59	25°♐57'50	
	-9056 Nov 05 j 17:54	0°♑	
asc. node	-9056 Dec 11 j 22:22	13°♑39'28	
	-9055 Jan 13 j 12:46	0°♒	
	-9055 Mar 06 j 12:52	0°♓	
	-9055 Apr 22 j 18:07	0°♈	
	-9055 Jun 05 j 17:05	0°♉	
evening set	-9055 Jul 05 j 14:34	21°♉30'22	
	-9055 Jul 17 j 02:33	0°♊	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

max. Earth dist.	-9055 Jul 27 j 05:34	7°♊34'28	2.41376 AU
	-9055 Aug 25 j 15:30	0°♋	
conjunction	-9055 Aug 31 j 18:52	4°♋44'48	0°51'24
minimum elong	-9055 Aug 31 j 21:47	4°♋50'26	0°51'56
	-9055 Oct 03 j 03:45	0°♌	
morning rise	-9055 Nov 03 j 02:19	24°♌13'22	
	-9055 Nov 10 j 12:18	0°♍	
desc. node	-9055 Nov 14 j 22:18	3°♍25'56	
	-9055 Dec 19 j 14:11	0°♎	
	-9054 Jan 29 j 05:38	0°♏	
	-9054 Mar 13 j 06:19	0°♐	
	-9054 Apr 28 j 19:50	0°♑	
	-9054 Jun 21 j 12:30	0°♒	
retrograde	-9054 Aug 27 j 03:18	19°♒53'36	
opposition	-9054 Oct 05 j 18:15	10°♒17'23	-0°56'31
greatest brilliancy	-9054 Oct 05 j 19:04	10°♒16'33	-1.4m
min. Earth dist.	-9054 Oct 06 j 08:37	10°♒02'56	0.66676 AU
asc. node	-9054 Oct 30 j 03:13	2°♒09'14	
direct	-9054 Nov 15 j 04:12	0°♒27'42	
	-9053 Feb 09 j 17:36	0°♓	
	-9053 Apr 01 j 16:40	0°♈	
	-9053 May 16 j 18:56	0°♉	
	-9053 Jun 27 j 11:49	0°♊	
	-9053 Aug 06 j 00:51	0°♋	
evening set	-9053 Sep 04 j 03:27	22°♋41'16	
	-9053 Sep 13 j 11:03	0°♌	
desc. node	-9053 Oct 02 j 18:17	15°♌09'33	
	-9053 Oct 21 j 17:47	0°♍	
conjunction	-9053 Nov 06 j 19:00	12°♍26'37	-0°25'58
minimum elong	-9053 Nov 06 j 16:45	12°♍22'16	0°25'42
	-9053 Nov 29 j 18:35	0°♎	
max. Earth dist.	-9053 Dec 22 j 09:29	16°♎54'08	2.42468 AU
morning rise	-9052 Jan 09 j 18:31	0°♏19'13	
	-9052 Jan 09 j 07:53	0°♏	
	-9052 Feb 20 j 23:06	0°♐	
	-9052 Apr 06 j 02:01	0°♑	
	-9052 May 24 j 06:23	0°♒	
	-9052 Jul 17 j 01:08	0°♓	
asc. node	-9052 Sep 16 j 05:42	22°♓57'24	
retrograde	-9052 Oct 01 j 19:46	24°♓22'00	
opposition	-9052 Nov 09 j 02:27	15°♓30'51	2°07'47
greatest brilliancy	-9052 Nov 09 j 09:01	15°♓24'25	-1.5m
min. Earth dist.	-9052 Nov 13 j 09:02	13°♓50'19	0.63246 AU
direct	-9052 Dec 20 j 00:03	5°♓32'09	
	-9051 Mar 04 j 11:15	0°♈	
	-9051 Apr 23 j 03:27	0°♉	
	-9051 Jun 05 j 07:11	0°♊	
	-9051 Jul 15 j 10:43	0°♋	
desc. node	-9051 Aug 19 j 16:24	27°♋14'41	
	-9051 Aug 23 j 05:18	0°♌	
	-9051 Sep 30 j 19:06	0°♍	
evening set	-9051 Nov 08 j 00:05	29°♍09'13	
	-9051 Nov 09 j 03:08	0°♎	
	-9051 Dec 19 j 23:16	0°♏	
conjunction	-9050 Jan 05 j 20:25	12°♏00'42	-1°11'19
minimum elong	-9050 Jan 05 j 19:32	11°♏59'09	1°11'38
	-9050 Jan 31 j 18:05	0°♐	
max. Earth dist.	-9050 Feb 08 j 14:09	5°♐20'30	2.54750 AU
morning rise	-9050 Mar 02 j 03:56	19°♐49'28	
	-9050 Mar 17 j 14:28	0°♑	
	-9050 May 03 j 09:16	0°♒	
	-9050 Jun 21 j 03:55	0°♓	
asc. node	-9050 Aug 04 j 03:40	25°♓29'46	
	-9050 Aug 12 j 09:11	0°♈	
	-9050 Oct 20 j 06:23	0°♉	
retrograde	-9050 Nov 14 j 20:52	3°♉36'55	
	-9050 Dec 08 j 17:52	30°℞♈	
opposition	-9050 Dec 20 j 14:21	26°♈01'15	5°11'23
greatest brilliancy	-9050 Dec 21 j 20:41	25°♈33'33	-1.9m
min. Earth dist.	-9050 Dec 28 j 02:56	23°♈16'59	0.54014 AU
direct	-9049 Jan 28 j 23:00	16°♈48'11	
	-9049 Mar 19 j 06:37	0°♉	
	-9049 May 10 j 02:22	0°♊	
	-9049 Jun 21 j 21:48	0°♋	
desc. node	-9049 Jul 07 j 18:09	11°♋42'35	
	-9049 Aug 01 j 01:39	0°♌	
	-9049 Sep 09 j 15:34	0°♍	
	-9049 Oct 19 j 20:06	0°♎	
	-9049 Nov 30 j 10:02	0°♏	
evening set	-9048 Jan 01 j 14:38	22°♏23'35	
	-9048 Jan 12 j 18:40	0°♐	
conjunction	-9048 Feb 22 j 17:52	27°♐16'51	-0°59'25
minimum elong	-9048 Feb 22 j 19:29	27°♐19'30	0°59'58
	-9048 Feb 26 j 21:34	0°♑	
max. Earth dist.	-9048 Mar 09 j 05:20	7°♑22'40	2.63299 AU
morning rise	-9048 Apr 12 j 02:33	29°♑11'17	
	-9048 Apr 13 j 09:03	0°♒	
	-9048 May 30 j 16:17	0°♓	
asc. node	-9048 Jun 20 j 22:10	13°♓22'01	
	-9048 Jul 17 j 12:30	0°♈	
	-9048 Sep 04 j 09:57	0°♉	
	-9048 Oct 27 j 00:13	0°♊	
retrograde	-9047 Jan 14 j 14:39	26°♊37'45	
opposition	-9047 Feb 15 j 07:58	20°♊58'19	5°58'58
greatest brilliancy	-9047 Feb 16 j 20:59	20°♊30'41	-2.6m
min. Earth dist.	-9047 Feb 22 j 02:58	18°♊57'12	0.41847 AU
direct	-9047 Mar 21 j 11:24	14°♊22'35	
	-9047 May 13 j 04:21	0°♋	
desc. node	-9047 May 24 j 22:59	6°♋20'57	
	-9047 Jul 01 j 21:53	0°♌	
	-9047 Aug 14 j 13:28	0°♍	
	-9047 Sep 26 j 07:13	0°♎	
	-9047 Nov 08 j 16:20	0°♏	
	-9047 Dec 23 j 07:23	0°♐	
	-9046 Feb 07 j 05:21	0°♑	
evening set	-9046 Feb 13 j 17:08	4°♑11'20	
	-9046 Mar 25 j 23:23	0°♒	
conjunction	-9046 Apr 03 j 07:21	5°♒19'22	-0°20'10
minimum elong	-9046 Apr 03 j 08:08	5°♒20'37	0°20'39
max. Earth dist.	-9046 Apr 03 j 07:14	5°♒19'10	2.66633 AU
asc. node	-9046 May 08 j 14:55	27°♒55'12	
	-9046 May 11 j 20:40	0°♓	
morning rise	-9046 May 19 j 23:02	5°♓12'25	
	-9046 Jun 27 j 05:45	0°♈	
	-9046 Aug 11 j 19:25	0°♉	
	-9046 Sep 25 j 16:58	0°♊	
	-9046 Nov 09 j 11:21	0°♋	
	-9046 Dec 25 j 12:30	0°♌	
	-9045 Feb 17 j 04:11	0°♍	
retrograde	-9045 Apr 02 j 07:09	11°♍16'39	
desc. node	-9045 Apr 12 j 03:19	10°♍37'23	
min. Earth dist.	-9045 Apr 29 j 21:08	6°♍42'26	0.39351 AU
opposition	-9045 May 04 j 19:45	5°♍17'20	-1°44'12
greatest brilliancy	-9045 May 04 j 10:26	5°♍24'02	-2.8m
	-9045 Jun 03 j 09:36	30°℞♌	
direct	-9045 Jun 04 j 05:23	29°♌59'44	
	-9045 Jun 05 j 01:11	0°♍	
	-9045 Aug 25 j 21:12	0°♎	
	-9045 Oct 15 j 03:53	0°♏	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-9045 Dec 02 j 03:13	0°♐	
	-9044 Jan 18 j 20:25	0°♑	
	-9044 Mar 06 j 11:35	0°♒	
evening set	-9044 Mar 24 j 06:35	11°♒16'36	
asc. node	-9044 Mar 25 j 09:29	11°♒59'22	
	-9044 Apr 22 j 13:01	0°♓	
max. Earth dist.	-9044 Apr 26 j 12:47	2°♓34'27	2.64593 AU
conjunction	-9044 May 10 j 20:54	11°♓52'25	0°26'32
minimum elong	-9044 May 10 j 19:56	11°♓50'50	0°26'17
	-9044 Jun 07 j 10:00	0°♈	
morning rise	-9044 Jun 26 j 12:02	12°♈47'13	
	-9044 Jul 21 j 17:25	0°♉	
	-9044 Sep 02 j 11:13	0°♊	
	-9044 Oct 13 j 22:18	0°♋	
	-9044 Nov 23 j 15:44	0°♌	
	-9043 Jan 03 j 12:35	0°♍	
	-9043 Feb 15 j 05:24	0°♎	
desc. node	-9043 Feb 27 j 03:18	7°♎51'00	
	-9043 Apr 05 j 23:31	0°♏	
retrograde	-9043 May 29 j 00:25	15°♏42'36	
min. Earth dist.	-9043 Jun 27 j 23:16	9°♏36'39	0.50623 AU
greatest brilliancy	-9043 Jul 04 j 05:24	7°♏19'01	-2.1m
opposition	-9043 Jul 05 j 17:29	6°♏45'42	-5°43'50
	-9043 Jul 30 j 17:39	30°℞♎	
direct	-9043 Aug 08 j 22:04	29°♎25'39	
	-9043 Aug 18 j 09:43	0°♏	
	-9043 Nov 04 j 05:22	0°♐	
	-9043 Dec 27 j 07:40	0°♑	
asc. node	-9042 Feb 10 j 08:37	27°♑04'55	
	-9042 Feb 15 j 02:47	0°♒	
	-9042 Apr 04 j 00:12	0°♓	
evening set	-9042 May 03 j 00:10	18°♓46'51	
	-9042 May 19 j 22:39	0°♈	
max. Earth dist.	-9042 May 24 j 08:46	2°♈57'46	2.57410 AU
conjunction	-9042 Jun 21 j 01:33	21°♈50'53	1°04'13
minimum elong	-9042 Jun 21 j 00:06	21°♈48'23	1°04'20
	-9042 Jul 02 j 18:17	0°♉	
morning rise	-9042 Aug 10 j 04:14	27°♉30'23	
	-9042 Aug 13 j 14:03	0°♊	
	-9042 Sep 22 j 19:38	0°♋	
	-9042 Nov 01 j 02:12	0°♌	
	-9042 Dec 10 j 04:42	0°♍	
desc. node	-9041 Jan 15 j 01:18	27°♍00'52	
	-9041 Jan 19 j 02:14	0°♎	
	-9041 Mar 02 j 02:56	0°♏	
	-9041 Apr 17 j 21:59	0°♐	
	-9041 Jun 30 j 06:53	0°♑	
retrograde	-9041 Jul 09 j 18:18	0°♑35'37	
	-9041 Jul 18 j 22:10	30°℞♐	
min. Earth dist.	-9041 Aug 13 j 20:46	22°♐31'03	0.61220 AU
opposition	-9041 Aug 18 j 11:06	20°♐40'59	-4°33'44
greatest brilliancy	-9041 Aug 17 j 18:55	20°♐57'08	-1.6m
direct	-9041 Sep 25 j 01:15	11°♐53'06	
	-9041 Nov 28 j 03:10	0°♑	
asc. node	-9041 Dec 29 j 11:37	15°♑42'28	
	-9040 Jan 24 j 06:43	0°♒	
	-9040 Mar 14 j 10:40	0°♓	
	-9040 Apr 30 j 02:22	0°♈	
	-9040 Jun 12 j 22:09	0°♉	
evening set	-9040 Jun 15 j 15:23	1°♉55'10	
max. Earth dist.	-9040 Jul 01 j 19:43	13°♉29'14	2.46096 AU
	-9040 Jul 24 j 08:59	0°♊	
conjunction	-9040 Aug 08 j 15:40	11°♊25'30	1°07'24
minimum elong	-9040 Aug 08 j 17:19	11°♊28'38	1°07'54
	-9040 Sep 02 j 01:07	0°♋	
morning rise	-9040 Oct 06 j 18:09	26°♋55'15	
	-9040 Oct 10 j 16:50	0°♌	
	-9040 Nov 18 j 04:24	0°♍	
desc. node	-9040 Dec 01 j 19:56	10°♍32'47	
	-9040 Dec 27 j 08:47	0°♎	
	-9039 Feb 06 j 03:43	0°♏	
	-9039 Mar 21 j 13:49	0°♐	
	-9039 May 08 j 11:04	0°♑	
	-9039 Jul 09 j 01:34	0°♒	
retrograde	-9039 Aug 13 j 14:04	6°♒50'54	
	-9039 Sep 15 j 01:01	30°℞♑	
opposition	-9039 Sep 22 j 10:57	27°♑03'17	-2°03'10
greatest brilliancy	-9039 Sep 22 j 10:00	27°♑04'15	-1.4m
min. Earth dist.	-9039 Sep 21 j 13:57	27°♑24'28	0.66330 AU
direct	-9039 Nov 01 j 07:32	17°♑25'33	
asc. node	-9039 Nov 15 j 16:25	18°♑37'37	
	-9039 Dec 22 j 23:17	0°♒	
	-9038 Feb 20 j 01:04	0°♓	
	-9038 Apr 09 j 23:40	0°♈	
	-9038 May 24 j 11:50	0°♉	
	-9038 Jul 05 j 00:29	0°♊	
evening set	-9038 Aug 10 j 00:13	27°♊17'02	
	-9038 Aug 13 j 12:38	0°♋	
	-9038 Sep 20 j 22:50	0°♌	
conjunction	-9038 Oct 11 j 01:32	15°♌47'41	0°06'31
minimum elong	-9038 Oct 11 j 02:11	15°♌48'57	0°06'56
behind sun begin	-9038 Oct 10 j 01:03	14°♌59'40	
behind sun end	-9038 Oct 12 j 03:19	16°♌38'13	
desc. node	-9038 Oct 19 j 13:14	22°♌26'41	
	-9038 Oct 29 j 05:29	0°♍	
max. Earth dist.	-9038 Nov 04 j 18:51	5°♍06'02	2.38516 AU
	-9038 Dec 07 j 05:43	0°♎	
morning rise	-9038 Dec 15 j 20:59	6°♎30'22	
	-9037 Jan 16 j 18:23	0°♏	
	-9037 Feb 28 j 10:52	0°♐	
	-9037 Apr 14 j 21:25	0°♑	
	-9037 Jun 03 j 06:29	0°♒	
	-9037 Aug 01 j 23:24	0°♓	
retrograde	-9037 Sep 18 j 01:37	10°♓53'18	
asc. node	-9037 Oct 03 j 20:22	9°♓14'46	
opposition	-9037 Oct 27 j 00:03	1°♓41'32	0°54'44
greatest brilliancy	-9037 Oct 27 j 01:48	1°♓39'48	-1.4m
min. Earth dist.	-9037 Oct 29 j 20:07	0°♓33'55	0.65314 AU
	-9037 Oct 31 j 06:28	30°℞♒	
direct	-9037 Dec 06 j 21:35	21°♒42'06	
	-9036 Jan 15 j 22:54	0°♓	
	-9036 Mar 16 j 05:22	0°♈	
	-9036 May 02 j 06:30	0°♉	
	-9036 Jun 13 j 15:32	0°♊	
	-9036 Jul 23 j 11:10	0°♋	
	-9036 Aug 31 j 00:51	0°♌	
desc. node	-9036 Sep 05 j 09:47	4°♌12'22	
	-9036 Oct 08 j 10:30	0°♍	
evening set	-9036 Oct 14 j 03:01	4°♍24'35	
	-9036 Nov 16 j 14:23	0°♎	
conjunction	-9036 Dec 14 j 19:54	20°♎58'00	-1°01'52
minimum elong	-9036 Dec 14 j 17:23	20°♎53'24	1°02'00
	-9036 Dec 27 j 06:26	0°♏	
max. Earth dist.	-9035 Jan 24 j 17:57	20°♏11'34	2.50199 AU
	-9035 Feb 07 j 22:23	0°♐	
morning rise	-9035 Feb 11 j 10:41	2°♐24'16	
	-9035 Mar 24 j 18:58	0°♑	
	-9035 May 10 j 21:51	0°♒	
	-9035 Jun 29 j 20:48	0°♓	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

asc. node	-9035 Aug 20 j 20:46	27°♓47'05		
	-9035 Aug 25 j 14:18	0°♈		
retrograde	-9035 Oct 27 j 08:28	17°♈31'28		
opposition	-9035 Dec 03 j 05:48	9°♈21'29	4°03'16	
greatest brilliancy	-9035 Dec 04 j 01:24	9°♈02'54	-1.7m	
min. Earth dist.	-9035 Dec 09 j 14:38	6°♈56'55	0.58255 AU	
	-9034 Jan 05 j 15:16	30°♓		
direct	-9034 Jan 12 j 12:55	29°♓40'41		
	-9034 Jan 19 j 14:37	0°♈		
	-9034 Apr 05 j 02:16	0°♉		
	-9034 May 21 j 05:24	0°♊		
	-9034 Jul 01 j 12:06	0°♋		
desc. node	-9034 Jul 24 j 10:56	17°♋23'11		
	-9034 Aug 09 j 21:39	0°♌		
	-9034 Sep 17 j 22:42	0°♍		
	-9034 Oct 27 j 16:30	0°♎		
	-9034 Dec 07 j 21:10	0°♏		
evening set	-9034 Dec 12 j 22:50	3°♏36'12		
	-9033 Jan 19 j 22:35	0°♐		
conjunction	-9033 Feb 05 j 08:18	11°♐05'22	-1°08'46	
minimum elong	-9033 Feb 05 j 09:26	11°♐07'17	1°09'17	
max. Earth dist.	-9033 Feb 27 j 15:19	25°♐53'58	2.60549 AU	
	-9033 Mar 05 j 21:13	0°♑		
morning rise	-9033 Mar 28 j 14:02	14°♑45'04		
	-9033 Apr 21 j 09:28	0°♒		
	-9033 Jun 08 j 02:06	0°♓		
asc. node	-9033 Jul 08 j 16:16	18°♓52'09		
	-9033 Jul 27 j 00:47	0°♈		
	-9033 Sep 16 j 21:57	0°♉		
	-9033 Nov 24 j 01:14	0°♊		
retrograde	-9033 Dec 19 j 13:54	3°♊38'37		
	-9032 Jan 12 j 22:52	30°♉		
opposition	-9032 Jan 22 j 00:36	27°♉11'10	6°20'18	
greatest brilliancy	-9032 Jan 23 j 19:23	26°♉35'59	-2.3m	
min. Earth dist.	-9032 Jan 30 j 06:14	24°♉29'40	0.46450 AU	
direct	-9032 Feb 27 j 17:52	19°♉19'57		
	-9032 Apr 10 j 08:31	0°♊		
	-9032 Jun 01 j 15:38	0°♋		
desc. node	-9032 Jun 10 j 14:09	5°♋59'33		
	-9032 Jul 14 j 18:13	0°♌		
	-9032 Aug 24 j 23:34	0°♍		
	-9032 Oct 05 j 07:51	0°♎		
	-9032 Nov 16 j 18:31	0°♏		
	-9032 Dec 30 j 18:19	0°♐		
evening set	-9031 Jan 28 j 09:55	18°♐59'19		
	-9031 Feb 14 j 06:33	0°♑		
conjunction	-9031 Mar 19 j 00:56	21°♑09'00	-0°37'08	
minimum elong	-9031 Mar 19 j 02:17	21°♑11'10	0°37'40	
max. Earth dist.	-9031 Mar 24 j 21:39	24°♑54'37	2.65976 AU	
	-9031 Apr 01 j 20:23	0°♒		
morning rise	-9031 May 05 j 10:01	21°♒26'25		
	-9031 May 18 j 19:45	0°♓		
asc. node	-9031 May 25 j 09:11	4°♓11'37		
	-9031 Jul 04 j 14:57	0°♈		
	-9031 Aug 20 j 02:33	0°♉		
	-9031 Oct 05 j 17:09	0°♊		
	-9031 Nov 22 j 20:43	0°♋		
	-9030 Jan 18 j 00:45	0°♌		
retrograde	-9030 Mar 03 j 23:00	10°♌56'32		
opposition	-9030 Apr 03 j 16:20	5°♌47'05	1°59'37	
greatest brilliancy	-9030 Apr 03 j 19:12	5°♌45'10	-2.9m	
min. Earth dist.	-9030 Apr 03 j 17:03	5°♌46'36	0.38067 AU	
desc. node	-9030 Apr 28 j 19:08	0°♌51'30		
direct	-9030 May 04 j 03:06	0°♌40'29		
	-9030 Jul 22 j 15:23	0°♍		
	-9030 Sep 09 j 02:50	0°♎		
	-9030 Oct 25 j 06:01	0°♏		
	-9030 Dec 10 j 10:46	0°♐		
	-9029 Jan 26 j 06:21	0°♑		
evening set	-9029 Mar 10 j 04:02	27°♑16'19		
	-9029 Mar 14 j 11:02	0°♒		
asc. node	-9029 Apr 12 j 02:04	18°♒14'55		
max. Earth dist.	-9029 Apr 18 j 00:28	22°♒02'54	2.66029 AU	
conjunction	-9029 Apr 26 j 21:00	27°♒44'03	0°08'35	
minimum elong	-9029 Apr 26 j 20:42	27°♒43'33	0°08'14	
behind sun begin	-9029 Apr 26 j 03:46	27°♒16'21		
behind sun end	-9029 Apr 27 j 13:37	28°♒10'45		
	-9029 Apr 30 j 09:28	0°♓		
morning rise	-9029 Jun 12 j 03:53	27°♓51'43		
	-9029 Jun 15 j 09:37	0°♈		
	-9029 Jul 30 j 02:23	0°♉		
	-9029 Sep 11 j 11:30	0°♊		
	-9029 Oct 23 j 19:56	0°♋		
	-9029 Dec 04 j 17:29	0°♌		
	-9028 Jan 16 j 08:33	0°♍		
	-9028 Mar 03 j 02:16	0°♎		
desc. node	-9028 Mar 15 j 22:34	7°♎04'45		
retrograde	-9028 May 09 j 05:53	23°♎41'07		
min. Earth dist.	-9028 Jun 06 j 04:03	18°♎27'10	0.45623 AU	
greatest brilliancy	-9028 Jun 12 j 19:00	16°♎12'42	-2.4m	
opposition	-9028 Jun 14 j 06:47	15°♎42'07	-5°10'27	
direct	-9028 Jul 16 j 21:11	9°♎10'43		
	-9028 Sep 22 j 03:51	0°♏		
	-9028 Nov 15 j 16:45	0°♐		
	-9027 Jan 04 j 19:48	0°♑		
	-9027 Feb 22 j 12:50	0°♒		
asc. node	-9027 Feb 26 j 22:47	2°♒45'14		
	-9027 Apr 11 j 00:19	0°♓		
evening set	-9027 Apr 17 j 07:21	4°♓02'59		
max. Earth dist.	-9027 May 12 j 21:04	20°♓43'01	2.60797 AU	
	-9027 May 26 j 20:59	0°♈		
conjunction	-9027 Jun 04 j 11:01	5°♈45'17	0°51'58	
minimum elong	-9027 Jun 04 j 09:27	5°♈42'38	0°51'56	
	-9027 Jul 09 j 20:08	0°♉		
morning rise	-9027 Jul 22 j 15:48	9°♉00'05		
	-9027 Aug 20 j 22:51	0°♊		
	-9027 Sep 30 j 13:43	0°♋		
	-9027 Nov 09 j 06:34	0°♌		
	-9027 Dec 18 j 20:20	0°♍		
	-9026 Jan 28 j 08:52	0°♎		
desc. node	-9026 Jan 31 j 20:15	2°♎30'23		
	-9026 Mar 12 j 15:53	0°♏		
	-9026 May 03 j 04:31	0°♐		
retrograde	-9026 Jun 24 j 14:52	14°♐47'59		
min. Earth dist.	-9026 Jul 27 j 20:14	7°♐25'31	0.57610 AU	
opposition	-9026 Aug 02 j 20:13	5°♐04'35	-5°16'55	
greatest brilliancy	-9026 Aug 01 j 19:23	5°♐28'55	-1.7m	
	-9026 Aug 17 j 06:54	30°♏		
direct	-9026 Sep 08 j 05:02	26°♏45'44		
	-9026 Oct 02 j 01:59	0°♐		
	-9026 Dec 11 j 00:16	0°♑		
asc. node	-9025 Jan 15 j 00:54	19°♑30'28		
	-9025 Feb 01 j 23:00	0°♒		
	-9025 Mar 22 j 23:22	0°♓		
	-9025 May 08 j 06:18	0°♈		
evening set	-9025 May 29 j 08:52	14°♈15'24		
max. Earth dist.	-9025 Jun 14 j 20:59	25°♈40'08	2.50848 AU	
	-9025 Jun 21 j 01:08	0°♉		
conjunction	-9025 Jul 19 j 22:16	20°♉41'41	1°12'35	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

minimum elong	-9025 Jul 19 j 22:17	20°♉41'42	1°12'58
	-9025 Aug 01 j 14:35	0°♊	
	-9025 Sep 10 j 10:57	0°♋	
morning rise	-9025 Sep 12 j 20:21	1°♋49'52	
	-9025 Oct 19 j 07:08	0°♌	
	-9025 Nov 26 j 22:53	0°♍	
desc. node	-9025 Dec 19 j 15:00	17°♍23'30	
	-9024 Jan 05 j 07:37	0°♎	
	-9024 Feb 15 j 09:17	0°♏	
	-9024 Mar 30 j 12:29	0°♐	
	-9024 May 19 j 23:41	0°♑	
retrograde	-9024 Jul 30 j 23:30	23°♑28'10	
min. Earth dist.	-9024 Sep 06 j 14:19	14°♑30'08	0.65047 AU
opposition	-9024 Sep 08 j 22:29	13°♑33'29	-3°06'06
greatest brilliancy	-9024 Sep 08 j 17:13	13°♑38'48	-1.4m
direct	-9024 Oct 18 j 01:08	4°♑11'53	
asc. node	-9024 Dec 02 j 05:39	14°♑10'58	
	-9023 Jan 06 j 05:52	0°♒	
	-9023 Mar 01 j 00:40	0°♓	
	-9023 Apr 17 j 18:54	0°♈	
	-9023 May 31 j 22:44	0°♉	
	-9023 Jul 12 j 09:48	0°♊	
evening set	-9023 Jul 17 j 19:52	4°♊02'23	
max. Earth dist.	-9023 Aug 19 j 14:40	28°♊57'51	2.39264 AU
	-9023 Aug 20 j 22:53	0°♋	
conjunction	-9023 Sep 14 j 20:10	19°♋21'05	0°37'26
minimum elong	-9023 Sep 14 j 22:59	19°♋26'34	0°37'57
	-9023 Sep 28 j 10:21	0°♌	
desc. node	-9023 Nov 05 j 09:12	29°♌43'15	
	-9023 Nov 05 j 17:49	0°♍	
morning rise	-9023 Nov 18 j 18:36	10°♍06'50	
	-9023 Dec 14 j 18:18	0°♎	
	-9022 Jan 24 j 07:21	0°♏	
	-9022 Mar 08 j 03:09	0°♐	
	-9022 Apr 23 j 02:53	0°♑	
	-9022 Jun 13 j 14:20	0°♒	
retrograde	-9022 Sep 04 j 00:44	27°♒47'57	
opposition	-9022 Oct 13 j 10:55	18°♒19'20	-0°16'22
greatest brilliancy	-9022 Oct 13 j 11:26	18°♒18'50	-1.4m
min. Earth dist.	-9022 Oct 14 j 20:16	17°♒45'56	0.66447 AU
asc. node	-9022 Oct 20 j 10:34	15°♒33'36	
direct	-9022 Nov 23 j 02:36	8°♒24'53	
	-9021 Feb 01 j 21:33	0°♓	
	-9021 Mar 26 j 22:53	0°♈	
	-9021 May 11 j 15:12	0°♉	
	-9021 Jun 22 j 13:23	0°♊	
	-9021 Aug 01 j 04:46	0°♋	
	-9021 Sep 08 j 16:01	0°♌	
evening set	-9021 Sep 18 j 23:38	8°♌05'50	
desc. node	-9021 Sep 23 j 03:50	11°♌22'22	
	-9021 Oct 16 j 23:29	0°♍	
conjunction	-9021 Nov 21 j 11:29	27°♍18'27	-0°41'50
minimum elong	-9021 Nov 21 j 08:26	27°♍12'40	0°41'41
	-9021 Nov 25 j 00:50	0°♎	
	-9020 Jan 04 j 14:08	0°♏	
max. Earth dist.	-9020 Jan 06 j 03:07	1°♏06'45	2.45227 AU
morning rise	-9020 Jan 22 j 15:39	12°♏54'46	
	-9020 Feb 16 j 04:26	0°♐	
	-9020 Apr 01 j 03:14	0°♑	
	-9020 May 18 j 19:12	0°♒	
	-9020 Jul 09 j 16:48	0°♓	
asc. node	-9020 Sep 06 j 12:41	26°♓39'49	
	-9020 Sep 18 j 09:25	0°♈	
retrograde	-9020 Oct 10 j 16:49	2°♈47'10	
	-9020 Oct 31 j 09:31	30°℞♓	
opposition	-9020 Nov 17 j 13:09	24°♓09'02	2°50'11
greatest brilliancy	-9020 Nov 17 j 23:41	23°♓58'49	-1.6m
min. Earth dist.	-9020 Nov 22 j 13:59	22°♓11'48	0.61721 AU
direct	-9020 Dec 28 j 08:12	14°♓13'52	
	-9019 Feb 23 j 01:07	0°♈	
	-9019 Apr 16 j 20:03	0°♉	
	-9019 May 30 j 18:22	0°♊	
	-9019 Jul 10 j 05:38	0°♋	
desc. node	-9019 Aug 10 j 02:57	23°♋44'59	
	-9019 Aug 18 j 04:15	0°♌	
	-9019 Sep 25 j 20:57	0°♍	
	-9019 Nov 04 j 07:25	0°♎	
evening set	-9019 Nov 21 j 07:50	12°♎38'03	
	-9019 Dec 15 j 05:26	0°♏	
conjunction	-9018 Jan 17 j 11:35	23°♏24'37	-1°12'30
minimum elong	-9018 Jan 17 j 11:37	23°♏24'40	1°12'55
	-9018 Jan 27 j 01:38	0°♐	
max. Earth dist.	-9018 Feb 16 j 02:12	13°♐33'29	2.57037 AU
morning rise	-9018 Mar 12 j 03:42	29°♐30'30	
	-9018 Mar 12 j 21:42	0°♑	
	-9018 Apr 28 j 12:53	0°♒	
	-9018 Jun 15 j 19:35	0°♓	
asc. node	-9018 Jul 25 j 09:56	23°♓37'49	
	-9018 Aug 05 j 11:46	0°♈	
	-9018 Oct 02 j 19:31	0°♉	
retrograde	-9018 Nov 26 j 10:40	14°♉00'54	
opposition	-9018 Dec 31 j 11:17	6°♉47'10	5°44'05
greatest brilliancy	-9017 Jan 01 j 23:24	6°♉15'10	-2.0m
min. Earth dist.	-9017 Jan 08 j 11:52	3°♉57'26	0.51433 AU
	-9017 Jan 21 j 19:56	30°℞♈	
direct	-9017 Feb 08 j 02:24	27°♈57'07	
	-9017 Feb 25 j 23:17	0°♉	
	-9017 May 01 j 21:00	0°♊	
	-9017 Jun 15 j 09:22	0°♋	
desc. node	-9017 Jun 28 j 07:15	9°♋19'34	
	-9017 Jul 26 j 06:00	0°♌	
	-9017 Sep 04 j 05:51	0°♍	
	-9017 Oct 14 j 17:33	0°♎	
	-9017 Nov 25 j 12:41	0°♏	
	-9016 Jan 08 j 01:11	0°♐	
evening set	-9016 Jan 12 j 03:08	2°♐45'09	
	-9016 Feb 22 j 06:14	0°♑	
conjunction	-9016 Mar 03 j 05:45	6°♑29'48	-0°52'04
minimum elong	-9016 Mar 03 j 07:23	6°♑32'27	0°52'38
max. Earth dist.	-9016 Mar 15 j 03:05	14°♑11'36	2.64486 AU
	-9016 Apr 08 j 17:48	0°♒	
morning rise	-9016 Apr 20 j 18:09	7°♒40'17	
	-9016 May 25 j 21:18	0°♓	
asc. node	-9016 Jun 11 j 02:50	10°♓17'18	
	-9016 Jul 12 j 06:42	0°♈	
	-9016 Aug 29 j 02:18	0°♉	
	-9016 Oct 17 j 16:08	0°♊	
	-9016 Dec 14 j 06:31	0°♋	
retrograde	-9015 Jan 31 j 09:17	11°♋49'13	
opposition	-9015 Mar 03 j 11:48	6°♋30'55	5°03'33
greatest brilliancy	-9015 Mar 04 j 13:23	6°♋12'50	-2.8m
min. Earth dist.	-9015 Mar 08 j 10:02	5°♋07'46	0.39852 AU
direct	-9015 Apr 05 j 00:15	0°♋36'56	
desc. node	-9015 May 15 j 11:47	10°♋19'00	
	-9015 Jun 21 j 17:17	0°♌	
	-9015 Aug 07 j 05:03	0°♍	
	-9015 Sep 20 j 04:58	0°♎	
	-9015 Nov 03 j 06:53	0°♏	
	-9015 Dec 18 j 08:11	0°♐	
	-9014 Feb 02 j 12:01	0°♑	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

evening set	-9014 Feb 22 j 18:32	13°♉00'22	
	-9014 Mar 21 j 09:00	0°♒	
max. Earth dist.	-9014 Apr 08 j 19:30	11°♒46'15	2.66649 AU
conjunction	-9014 Apr 11 j 22:55	13°♒46'44	-0°09'45
minimum elong	-9014 Apr 11 j 23:19	13°♒47'22	0°10'11
behind sun begin	-9014 Apr 11 j 08:07	13°♒23'05	
behind sun end	-9014 Apr 12 j 14:32	14°♒11'40	
asc. node	-9014 Apr 28 j 19:29	24°♒34'23	
	-9014 May 07 j 06:19	0°♓	
morning rise	-9014 May 28 j 08:37	13°♓37'04	
	-9014 Jun 22 j 11:51	0°♈	
	-9014 Aug 06 j 17:16	0°♉	
	-9014 Sep 19 j 23:26	0°♊	
	-9014 Nov 02 j 15:45	0°♋	
	-9014 Dec 16 j 14:37	0°♌	
	-9013 Feb 01 j 09:32	0°♍	
desc. node	-9013 Apr 02 j 14:50	26°♍27'20	
retrograde	-9013 Apr 17 j 03:51	27°♍53'22	
min. Earth dist.	-9013 May 14 j 04:19	23°♍15'52	0.41169 AU
greatest brilliancy	-9013 May 20 j 01:45	21°♍28'22	-2.7m
opposition	-9013 May 21 j 00:04	21°♍11'19	-3°24'50
direct	-9013 Jun 20 j 23:11	15°♍31'02	
	-9013 Aug 13 j 06:32	0°♎	
	-9013 Oct 07 j 21:16	0°♏	
	-9013 Nov 26 j 09:51	0°♐	
	-9012 Jan 13 j 19:11	0°♑	
	-9012 Mar 01 j 18:07	0°♒	
asc. node	-9012 Mar 15 j 15:11	8°♒45'22	
evening set	-9012 Apr 01 j 23:53	19°♒47'00	
	-9012 Apr 17 j 22:42	0°♓	
max. Earth dist.	-9012 May 02 j 09:25	9°♓20'31	2.63457 AU
conjunction	-9012 May 19 j 16:24	20°♓38'46	0°36'27
minimum elong	-9012 May 19 j 15:08	20°♓36'40	0°36'17
	-9012 Jun 02 j 19:32	0°♈	
morning rise	-9012 Jul 05 j 16:53	22°♈12'46	
	-9012 Jul 17 j 00:12	0°♉	
	-9012 Aug 28 j 12:26	0°♊	
	-9012 Oct 08 j 15:45	0°♋	
	-9012 Nov 17 j 22:55	0°♌	
	-9012 Dec 28 j 05:34	0°♍	
	-9011 Feb 07 j 20:05	0°♎	
desc. node	-9011 Feb 17 j 15:24	6°♎46'01	
	-9011 Mar 25 j 20:47	0°♏	
retrograde	-9011 Jun 08 j 04:18	27°♏12'15	
min. Earth dist.	-9011 Jul 09 j 08:01	20°♏37'50	0.53256 AU
greatest brilliancy	-9011 Jul 15 j 04:43	18°♏24'52	-2.0m
opposition	-9011 Jul 16 j 13:45	17°♏53'31	-5°42'24
direct	-9011 Aug 20 j 13:27	10°♏10'29	
	-9011 Oct 26 j 04:50	0°♐	
	-9011 Dec 21 j 07:35	0°♑	
asc. node	-9010 Jan 31 j 15:23	24°♑19'39	
	-9010 Feb 10 j 00:17	0°♒	
	-9010 Mar 30 j 06:15	0°♓	
evening set	-9010 May 12 j 08:30	28°♓01'33	
	-9010 May 15 j 07:35	0°♈	
max. Earth dist.	-9010 May 31 j 14:25	10°♈58'21	2.55218 AU
	-9010 Jun 28 j 03:12	0°♉	
conjunction	-9010 Jul 01 j 03:28	2°♉07'06	1°09'09
minimum elong	-9010 Jul 01 j 02:22	2°♉05'10	1°09'22
	-9010 Aug 08 j 20:48	0°♊	
morning rise	-9010 Aug 21 j 16:56	9°♊29'32	
	-9010 Sep 17 j 23:12	0°♋	
	-9010 Oct 27 j 01:51	0°♌	
	-9010 Dec 04 j 23:51	0°♍	
desc. node	-9009 Jan 05 j 11:17	23°♍53'52	
	-9009 Jan 13 j 15:33	0°♎	
	-9009 Feb 24 j 04:45	0°♏	
	-9009 Apr 10 j 14:53	0°♐	
	-9009 Jun 06 j 12:39	0°♑	
retrograde	-9009 Jul 18 j 00:17	9°♑26'45	
min. Earth dist.	-9009 Aug 23 j 01:43	1°♑01'56	0.62829 AU
	-9009 Aug 25 j 15:29	30°℞♐	
opposition	-9009 Aug 26 j 21:10	29°♐30'12	-4°03'52
greatest brilliancy	-9009 Aug 26 j 09:22	29°♐42'03	-1.5m
direct	-9009 Oct 04 j 01:52	20°♐29'04	
	-9009 Nov 16 j 21:39	0°♑	
asc. node	-9009 Dec 19 j 19:35	14°♑35'14	
	-9008 Jan 18 j 02:10	0°♒	
	-9008 Mar 09 j 06:53	0°♓	
	-9008 Apr 25 j 07:12	0°♈	
	-9008 Jun 08 j 06:02	0°♉	
evening set	-9008 Jun 26 j 18:07	13°♉11'35	
max. Earth dist.	-9008 Jul 14 j 14:23	26°♉13'05	2.43419 AU
	-9008 Jul 19 j 17:01	0°♊	
conjunction	-9008 Aug 21 j 10:58	24°♊43'04	0°59'42
minimum elong	-9008 Aug 21 j 13:30	24°♊47'54	1°00'14
	-9008 Aug 28 j 08:03	0°♋	
	-9008 Oct 05 j 21:56	0°♌	
morning rise	-9008 Oct 22 j 00:16	12°♌35'56	
	-9008 Nov 13 j 07:26	0°♍	
desc. node	-9008 Nov 22 j 04:31	6°♍53'01	
	-9008 Dec 22 j 09:41	0°♎	
	-9007 Feb 01 j 01:13	0°♏	
	-9007 Mar 16 j 03:47	0°♐	
	-9007 May 02 j 02:12	0°♑	
	-9007 Jun 26 j 20:05	0°♒	
retrograde	-9007 Aug 21 j 08:56	14°♒48'21	
opposition	-9007 Sep 30 j 03:20	5°♒06'28	-1°24'50
greatest brilliancy	-9007 Sep 30 j 03:41	5°♒06'07	-1.4m
min. Earth dist.	-9007 Sep 30 j 01:32	5°♒08'17	0.66646 AU
	-9007 Oct 13 j 14:58	30°℞♑	
asc. node	-9007 Nov 06 j 00:25	25°♑25'56	
direct	-9007 Nov 09 j 08:15	25°♑21'45	
	-9007 Dec 08 j 17:10	0°♒	
	-9006 Feb 13 j 14:12	0°♓	
	-9006 Apr 04 j 16:10	0°♈	
	-9006 May 19 j 13:40	0°♉	
	-9006 Jun 30 j 05:45	0°♊	
	-9006 Aug 08 j 19:10	0°♋	
evening set	-9006 Aug 23 j 23:12	11°♋46'48	
	-9006 Sep 16 j 05:25	0°♌	
desc. node	-9006 Oct 09 j 23:57	18°♌40'12	
	-9006 Oct 24 j 11:37	0°♍	
conjunction	-9006 Oct 26 j 04:40	1°♍19'57	-0°12'17
minimum elong	-9006 Oct 26 j 03:32	1°♍17'45	0°11'57
behind sun begin	-9006 Oct 25 j 08:34	0°♍40'50	
behind sun end	-9006 Oct 26 j 22:29	1°♍54'39	
	-9006 Dec 02 j 11:18	0°♎	
max. Earth dist.	-9006 Dec 06 j 22:17	3°♎22'05	2.40408 AU
morning rise	-9006 Dec 30 j 07:33	20°♎46'50	
	-9005 Jan 11 j 22:55	0°♏	
	-9005 Feb 23 j 13:05	0°♐	
	-9005 Apr 09 j 17:09	0°♑	
	-9005 May 28 j 06:15	0°♒	
	-9005 Jul 22 j 17:54	0°♓	
asc. node	-9005 Sep 24 j 03:34	18°♓57'56	
retrograde	-9005 Sep 26 j 10:19	18°♓59'53	
opposition	-9005 Nov 04 j 00:42	9°♓58'53	1°36'46
greatest brilliancy	-9005 Nov 04 j 04:47	9°♓54'51	-1.5m

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

min. Earth dist.	-9005 Nov 07 j 15:39	8°♓33'09	0.64297 AU
	-9005 Dec 13 j 11:55	30°℞♒	
direct	-9005 Dec 14 j 23:15	29°♒59'10	
	-9005 Dec 16 j 10:47	0°♓	
	-9004 Mar 09 j 03:00	0°♈	
	-9004 Apr 26 j 14:16	0°♉	
	-9004 Jun 08 j 10:26	0°♊	
	-9004 Jul 18 j 11:11	0°♋	
desc. node	-9004 Aug 26 j 21:36	0°♌35'02	
	-9004 Aug 26 j 03:40	0°♌	
	-9004 Oct 03 j 15:09	0°♍	
evening set	-9004 Oct 28 j 09:30	19°♍02'55	
	-9004 Nov 11 j 20:28	0°♎	
	-9004 Dec 22 j 13:25	0°♏	
conjunction	-9004 Dec 27 j 14:39	3°♏37'47	-1°08'27
minimum elong	-9004 Dec 27 j 13:02	3°♏34'53	1°08'42
max. Earth dist.	-9003 Feb 02 j 18:57	29°♏41'58	2.52768 AU
	-9003 Feb 03 j 05:28	0°♐	
morning rise	-9003 Feb 22 j 08:32	12°♐59'14	
	-9003 Mar 20 j 00:20	0°♑	
	-9003 May 05 j 21:04	0°♒	
	-9003 Jun 24 j 01:07	0°♓	
asc. node	-9003 Aug 11 j 02:21	27°♓05'13	
	-9003 Aug 16 j 16:36	0°♈	
retrograde	-9003 Nov 06 j 14:22	26°♈55'28	
opposition	-9003 Dec 12 j 21:31	19°♈03'26	4°43'01
greatest brilliancy	-9003 Dec 13 j 23:02	18°♈39'43	-1.8m
min. Earth dist.	-9003 Dec 19 j 22:59	16°♈26'24	0.56009 AU
direct	-9002 Jan 21 j 18:08	9°♈36'01	
	-9002 Mar 26 j 21:20	0°♉	
	-9002 May 14 j 14:56	0°♊	
	-9002 Jun 25 j 16:41	0°♋	
desc. node	-9002 Jul 14 j 22:50	14°♋24'15	
	-9002 Aug 04 j 11:43	0°♌	
	-9002 Sep 12 j 18:55	0°♍	
	-9002 Oct 22 j 17:36	0°♎	
	-9002 Dec 03 j 02:01	0°♏	
evening set	-9002 Dec 24 j 08:42	14°♏57'04	
	-9001 Jan 15 j 06:06	0°♐	
conjunction	-9001 Feb 15 j 10:59	20°♐55'26	-1°03'55
minimum elong	-9001 Feb 15 j 12:28	20°♐57'54	1°04'27
	-9001 Mar 01 j 05:50	0°♑	
max. Earth dist.	-9001 Mar 05 j 21:52	3°♑03'08	2.62160 AU
morning rise	-9001 Apr 06 j 14:21	23°♑32'30	
	-9001 Apr 16 j 16:45	0°♒	
	-9001 Jun 03 j 03:08	0°♓	
asc. node	-9001 Jun 28 j 21:09	16°♓05'03	
	-9001 Jul 21 j 09:19	0°♈	
	-9001 Sep 09 j 08:10	0°♉	
	-9001 Nov 04 j 14:11	0°♊	
retrograde	-9000 Jan 03 j 08:05	16°♊33'26	
opposition	-9000 Feb 04 j 19:01	10°♊32'57	6°17'30
greatest brilliancy	-9000 Feb 06 j 12:50	10°♊00'16	-2.5m
min. Earth dist.	-9000 Feb 12 j 11:48	8°♊09'12	0.43811 AU
direct	-9000 Mar 11 j 04:31	3°♊21'49	
	-9000 May 22 j 14:22	0°♋	
desc. node	-9000 Jun 01 j 03:12	5°♋50'56	
	-9000 Jul 07 j 09:46	0°♌	
	-9000 Aug 18 j 17:56	0°♍	
	-9000 Sep 29 j 18:02	0°♎	
	-9000 Nov 11 j 15:07	0°♏	
	-9000 Dec 25 j 21:54	0°♐	
evening set	-8999 Feb 06 j 20:37	28°♐13'16	
	-8999 Feb 09 j 14:25	0°♑	
conjunction	-8999 Mar 27 j 20:52	29°♑45'16	-0°27'27
minimum elong	-8999 Mar 27 j 21:54	29°♑46'56	0°27'58
	-8999 Mar 28 j 06:05	0°♒	
max. Earth dist.	-8999 Mar 30 j 10:41	1°♒24'07	2.66442 AU
morning rise	-8999 May 13 j 19:09	29°♒45'49	
	-8999 May 14 j 04:00	0°♓	
asc. node	-8999 May 15 j 13:48	0°♓54'08	
	-8999 Jun 29 j 17:28	0°♈	
	-8999 Aug 14 j 16:22	0°♉	
	-8999 Sep 29 j 05:52	0°♊	
	-8999 Nov 14 j 04:58	0°♋	
	-8998 Jan 01 j 21:39	0°♌	
retrograde	-8998 Mar 20 j 22:07	28°♌30'23	
min. Earth dist.	-8998 Apr 18 j 13:43	23°♌47'34	0.38413 AU
desc. node	-8998 Apr 19 j 07:44	23°♌35'13	
opposition	-8998 Apr 21 j 11:17	22°♌59'42	-0°10'15
greatest brilliancy	-8998 Apr 21 j 10:43	23°♌00'05	-2.9m
direct	-8998 May 21 j 17:07	17°♌53'14	
	-8998 Jul 07 j 21:19	0°♍	
	-8998 Sep 01 j 00:22	0°♎	
	-8998 Oct 19 j 01:30	0°♏	
	-8998 Dec 05 j 03:04	0°♐	
	-8997 Jan 21 j 09:22	0°♑	
	-8997 Mar 09 j 19:36	0°♒	
evening set	-8997 Mar 18 j 20:42	5°♒44'23	
asc. node	-8997 Apr 02 j 07:45	14°♒56'22	
max. Earth dist.	-8997 Apr 23 j 14:04	28°♒33'26	2.65333 AU
	-8997 Apr 25 j 19:52	0°♓	
conjunction	-8997 May 05 j 11:11	6°♓13'22	0°19'04
minimum elong	-8997 May 05 j 10:29	6°♓12'13	0°18'46
	-8997 Jun 10 j 18:45	0°♈	
morning rise	-8997 Jun 20 j 21:09	6°♈43'08	
	-8997 Jul 25 j 06:52	0°♉	
	-8997 Sep 06 j 07:32	0°♊	
	-8997 Oct 18 j 03:43	0°♋	
	-8997 Nov 28 j 08:08	0°♌	
	-8996 Jan 08 j 19:38	0°♍	
	-8996 Feb 21 j 16:56	0°♎	
desc. node	-8996 Mar 06 j 08:24	8°♎32'21	
	-8996 Apr 17 j 08:41	0°♏	
retrograde	-8996 May 20 j 20:02	7°♏01'08	
min. Earth dist.	-8996 Jun 18 j 20:41	1°♏18'30	0.48394 AU
	-8996 Jun 22 j 13:38	30°℞♎	
greatest brilliancy	-8996 Jun 25 j 08:04	29°♎00'18	-2.2m
opposition	-8996 Jun 26 j 21:19	28°♎26'52	-5°36'40
direct	-8996 Jul 30 j 08:34	21°♎27'37	
	-8996 Sep 08 j 07:01	0°♏	
	-8996 Nov 08 j 17:00	0°♐	
	-8996 Dec 30 j 08:10	0°♑	
asc. node	-8995 Feb 17 j 06:11	29°♑45'48	
	-8995 Feb 17 j 15:22	0°♒	
	-8995 Apr 06 j 08:49	0°♓	
evening set	-8995 Apr 26 j 05:27	12°♓48'55	
max. Earth dist.	-8995 May 19 j 07:59	28°♓01'05	2.59025 AU
	-8995 May 22 j 07:21	0°♈	
conjunction	-8995 Jun 13 j 19:25	15°♈11'37	0°59'29
minimum elong	-8995 Jun 13 j 17:52	15°♈08'57	0°59'33
	-8995 Jul 05 j 05:38	0°♉	
morning rise	-8995 Aug 01 j 23:04	19°♉40'05	
	-8995 Aug 16 j 05:15	0°♊	
	-8995 Sep 25 j 15:24	0°♋	
	-8995 Nov 04 j 02:28	0°♌	
	-8995 Dec 13 j 09:04	0°♍	
desc. node	-8994 Jan 22 j 06:48	29°♍51'31	
	-8994 Jan 22 j 11:26	0°♎	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-8994 Mar 05 j 21:00	0°♏		
	-8994 Apr 22 j 23:07	0°♐		
retrograde	-8994 Jul 03 j 10:32	24°♐27'35		
min. Earth dist.	-8994 Aug 06 j 17:40	16°♐41'22	0.59717 AU	
opposition	-8994 Aug 11 j 23:50	14°♐36'28	-4°53'39	
greatest brilliancy	-8994 Aug 11 j 03:52	14°♐56'14	-1.6m	
direct	-8994 Sep 18 j 01:58	6°♐00'48		
	-8994 Dec 03 j 05:49	0°♑		
asc. node	-8993 Jan 05 j 08:31	17°♑29'30		
	-8993 Jan 27 j 08:27	0°♒		
	-8993 Mar 18 j 00:40	0°♓		
	-8993 May 03 j 13:34	0°♈		
evening set	-8993 Jun 08 j 14:23	24°♈31'12		
	-8993 Jun 16 j 10:15	0°♉		
max. Earth dist.	-8993 Jun 24 j 10:00	5°♉39'07	2.48263 AU	
	-8993 Jul 27 j 23:15	0°♊		
conjunction	-8993 Jul 31 j 09:44	2°♊32'51	1°10'50	
minimum elong	-8993 Jul 31 j 10:39	2°♊34'33	1°11'18	
	-8993 Sep 05 j 18:01	0°♋		
morning rise	-8993 Sep 26 j 13:27	16°♋03'09		
	-8993 Oct 14 j 12:00	0°♌		
	-8993 Nov 22 j 01:02	0°♍		
desc. node	-8993 Dec 10 j 01:56	13°♍54'04		
	-8993 Dec 31 j 06:24	0°♎		
	-8992 Feb 10 j 02:33	0°♏		
	-8992 Mar 24 j 16:49	0°♐		
	-8992 May 12 j 07:42	0°♑		
	-8992 Jul 22 j 08:04	0°♒		
retrograde	-8992 Aug 07 j 20:03	1°♒39'38		
	-8992 Aug 23 j 10:37	30°℞♑		
min. Earth dist.	-8992 Sep 15 j 05:51	22°♑25'37	0.65876 AU	
opposition	-8992 Sep 16 j 18:56	21°♑48'12	-2°29'59	
greatest brilliancy	-8992 Sep 16 j 16:21	21°♑50'48	-1.4m	
direct	-8992 Oct 26 j 08:43	12°♑17'13		
asc. node	-8992 Nov 22 j 13:02	16°♑18'22		
	-8992 Dec 28 j 18:47	0°♒		
	-8991 Feb 23 j 06:34	0°♓		
	-8991 Apr 12 j 17:42	0°♈		
	-8991 May 27 j 03:37	0°♉		
	-8991 Jul 07 j 16:36	0°♊		
evening set	-8991 Jul 30 j 16:18	17°♊17'35		
	-8991 Aug 16 j 05:54	0°♋		
	-8991 Sep 23 j 16:55	0°♌		
max. Earth dist.	-8991 Sep 26 j 11:06	2°♌09'56	2.38090 AU	
conjunction	-8991 Sep 29 j 11:32	4°♌32'09	0°20'36	
minimum elong	-8991 Sep 29 j 13:23	4°♌35'47	0°21'04	
desc. node	-8991 Oct 26 j 19:01	25°♌56'58		
	-8991 Oct 31 j 23:34	0°♍		
morning rise	-8991 Dec 04 j 06:42	25°♍40'59		
	-8991 Dec 09 j 23:09	0°♎		
	-8990 Jan 19 j 10:44	0°♏		
	-8990 Mar 03 j 02:46	0°♐		
	-8990 Apr 17 j 16:20	0°♑		
	-8990 Jun 06 j 16:31	0°♒		
	-8990 Aug 10 j 07:24	0°♓		
retrograde	-8990 Sep 12 j 00:50	5°♓44'20		
asc. node	-8990 Oct 10 j 17:29	0°♓24'44		
	-8990 Oct 11 j 21:18	30°℞♒		
opposition	-8990 Oct 21 j 05:17	26°♒24'27	0°24'40	
greatest brilliancy	-8990 Oct 21 j 05:53	26°♒23'51	-1.4m	
min. Earth dist.	-8990 Oct 23 j 09:36	25°♒32'17	0.65945 AU	
direct	-8990 Dec 01 j 01:17	16°♒26'41		
	-8989 Jan 23 j 08:17	0°♓		
	-8989 Mar 20 j 21:02	0°♈		
	-8989 May 06 j 08:35	0°♉		

	-8989 Jun 17 j 13:47	0°♊		
	-8989 Jul 27 j 08:10	0°♋		
	-8989 Sep 03 j 20:52	0°♌		
desc. node	-8989 Sep 13 j 14:54	7°♌38'53		
evening set	-8989 Oct 03 j 19:28	23°♌27'16		
	-8989 Oct 12 j 05:00	0°♍		
	-8989 Nov 20 j 06:51	0°♎		
conjunction	-8989 Dec 05 j 13:00	11°♎26'14	-0°54'32	
minimum elong	-8989 Dec 05 j 10:01	11°♎20'40	0°54'33	
	-8989 Dec 30 j 20:29	0°♏		
max. Earth dist.	-8988 Jan 18 j 06:25	13°♏09'54	2.48001 AU	
morning rise	-8988 Feb 03 j 18:35	24°♏43'18		
	-8988 Feb 11 j 10:10	0°♐		
	-8988 Mar 27 j 06:09	0°♑		
	-8988 May 13 j 12:32	0°♒		
	-8988 Jul 03 j 02:28	0°♓		
asc. node	-8988 Aug 27 j 19:01	28°♓13'21		
	-8988 Sep 01 j 01:57	0°♈		
retrograde	-8988 Oct 20 j 00:39	11°♈32'02		
opposition	-8988 Nov 26 j 09:16	3°♈08'38	3°32'22	
greatest brilliancy	-8988 Nov 27 j 00:35	2°♈53'56	-1.6m	
min. Earth dist.	-8988 Dec 02 j 04:08	0°♈55'43	0.59918 AU	
	-8988 Dec 04 j 15:46	30°℞♓		
direct	-8987 Jan 05 j 23:00	23°♓20'10		
	-8987 Feb 09 j 11:04	0°♈		
	-8987 Apr 09 j 20:05	0°♉		
	-8987 May 24 j 22:28	0°♊		
	-8987 Jul 04 j 20:38	0°♋		
desc. node	-8987 Jul 31 j 15:33	20°♋26'07		
	-8987 Aug 13 j 01:15	0°♌		
	-8987 Sep 20 j 21:50	0°♍		
	-8987 Oct 30 j 11:17	0°♎		
evening set	-8987 Dec 03 j 20:42	25°♎14'33		
	-8987 Dec 10 j 11:39	0°♏		
	-8986 Jan 22 j 09:16	0°♐		
conjunction	-8986 Jan 28 j 10:46	4°♐07'48	-1°11'07	
minimum elong	-8986 Jan 28 j 11:32	4°♐09'06	1°11'35	
max. Earth dist.	-8986 Feb 23 j 01:15	21°♐18'37	2.59066 AU	
	-8986 Mar 08 j 05:31	0°♑		
morning rise	-8986 Mar 21 j 17:02	8°♑47'43		
	-8986 Apr 23 j 17:55	0°♒		
	-8986 Jun 10 j 15:18	0°♓		
asc. node	-8986 Jul 15 j 15:13	21°♓19'51		
	-8986 Jul 30 j 04:52	0°♈		
	-8986 Sep 22 j 01:30	0°♉		
retrograde	-8986 Dec 09 j 02:55	25°♉13'47		
opposition	-8985 Jan 12 j 07:06	18°♉25'01	6°08'52	
greatest brilliancy	-8985 Jan 13 j 23:59	17°♉50'09	-2.2m	
min. Earth dist.	-8985 Jan 20 j 14:15	15°♉36'09	0.48683 AU	
direct	-8985 Feb 18 j 23:47	10°♉04'49		
	-8985 Apr 21 j 08:44	0°♊		
	-8985 Jun 08 j 01:04	0°♋		
desc. node	-8985 Jun 18 j 18:38	7°♋28'48		
	-8985 Jul 19 j 23:43	0°♌		
	-8985 Aug 29 j 13:54	0°♍		
	-8985 Oct 09 j 11:22	0°♎		
	-8985 Nov 20 j 13:38	0°♏		
	-8984 Jan 03 j 06:56	0°♐		
evening set	-8984 Jan 22 j 03:54	12°♐36'33		
	-8984 Feb 17 j 14:53	0°♑		
conjunction	-8984 Mar 12 j 09:26	15°♑24'15	-0°43'42	
minimum elong	-8984 Mar 12 j 10:56	15°♑26'40	0°44'15	
max. Earth dist.	-8984 Mar 20 j 20:29	20°♑50'59	2.65413 AU	
	-8984 Apr 04 j 03:01	0°♒		

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

morning rise	-8984 Apr 29 j 05:16	16°♒01'22	
	-8984 May 21 j 03:47	0°♓	
asc. node	-8984 Jun 01 j 08:09	7°♓07'22	
	-8984 Jul 07 j 04:56	0°♈	
	-8984 Aug 23 j 05:10	0°♉	
	-8984 Oct 09 j 21:24	0°♊	
	-8984 Nov 29 j 16:23	0°♋	
retrograde	-8983 Feb 18 j 03:19	28°♋14'55	
opposition	-8983 Mar 20 j 18:51	23°♋08'24	3°31'22
greatest brilliancy	-8983 Mar 21 j 06:34	23°♋00'31	-2.9m
min. Earth dist.	-8983 Mar 23 j 05:14	22°♋29'12	0.38497 AU
direct	-8983 Apr 20 j 21:36	17°♋47'35	
desc. node	-8983 May 05 j 23:09	19°♋14'57	
	-8983 Jun 06 j 11:30	0°♌	
	-8983 Jul 29 j 13:39	0°♍	
	-8983 Sep 13 j 13:19	0°♎	
	-8983 Oct 28 j 15:03	0°♏	
	-8983 Dec 13 j 05:40	0°♐	
	-8982 Jan 28 j 17:17	0°♑	
evening set	-8982 Mar 03 j 15:51	21°♑39'38	
	-8982 Mar 16 j 18:10	0°♒	
max. Earth dist.	-8982 Apr 14 j 06:40	18°♒11'52	2.66417 AU
asc. node	-8982 Apr 19 j 01:10	21°♒15'06	
conjunction	-8982 Apr 20 j 12:39	22°♒11'57	0°00'52
minimum elong	-8982 Apr 20 j 12:38	22°♒11'55	0°00'28
behind sun begin	-8982 Apr 19 j 17:16	21°♒40'54	
behind sun end	-8982 Apr 21 j 08:00	22°♒42'56	
	-8982 May 02 j 16:09	0°♓	
morning rise	-8982 Jun 05 j 19:17	22°♓07'51	
	-8982 Jun 17 j 19:09	0°♈	
	-8982 Aug 01 j 17:52	0°♉	
	-8982 Sep 14 j 12:16	0°♊	
	-8982 Oct 27 j 09:39	0°♋	
	-8982 Dec 09 j 01:24	0°♌	
	-8981 Jan 21 j 23:15	0°♍	
	-8981 Mar 13 j 21:20	0°♎	
desc. node	-8981 Mar 24 j 03:29	4°♎38'33	
retrograde	-8981 Apr 30 j 17:51	13°♎20'53	
min. Earth dist.	-8981 May 28 j 00:40	8°♎26'21	0.43490 AU
greatest brilliancy	-8981 Jun 03 j 12:00	6°♎20'48	-2.5m
opposition	-8981 Jun 04 j 19:47	5°♎54'52	-4°35'47
	-8981 Jun 30 j 22:10	30°℞♍	
direct	-8981 Jul 06 j 16:36	29°♍46'49	
	-8981 Jul 12 j 12:08	0°♎	
	-8981 Sep 29 j 10:28	0°♏	
	-8981 Nov 20 j 07:38	0°♐	
	-8980 Jan 08 j 14:30	0°♑	
	-8980 Feb 25 j 23:17	0°♒	
asc. node	-8980 Mar 05 j 21:08	5°♒35'16	
evening set	-8980 Apr 10 j 18:05	28°♒20'35	
	-8980 Apr 13 j 08:04	0°♓	
max. Earth dist.	-8980 May 08 j 08:30	16°♓12'54	2.62089 AU
conjunction	-8980 May 28 j 15:11	29°♓35'54	0°45'41
minimum elong	-8980 May 28 j 13:41	29°♓33'25	0°45'36
	-8980 May 29 j 05:39	0°♈	
	-8980 Jul 12 j 08:03	0°♉	
morning rise	-8980 Jul 15 j 05:07	2°♉00'05	
	-8980 Aug 23 j 15:44	0°♊	
	-8980 Oct 03 j 12:24	0°♋	
	-8980 Nov 12 j 11:32	0°♌	
	-8980 Dec 22 j 07:40	0°♍	
	-8979 Feb 01 j 04:50	0°♎	
desc. node	-8979 Feb 08 j 02:24	4°♎54'01	
	-8979 Mar 17 j 07:13	0°♏	
	-8979 May 12 j 08:45	0°♐	
retrograde	-8979 Jun 17 j 18:05	7°♐54'02	
min. Earth dist.	-8979 Jul 20 j 01:45	0°♐52'48	0.55733 AU
	-8979 Jul 22 j 08:46	30°℞♏	
greatest brilliancy	-8979 Jul 25 j 11:33	28°♏47'31	-1.8m
opposition	-8979 Jul 26 j 16:16	28°♏19'44	-5°30'46
direct	-8979 Aug 31 j 10:52	20°♏16'10	
	-8979 Oct 14 j 05:43	0°♐	
	-8979 Dec 14 j 20:43	0°♑	
asc. node	-8978 Jan 21 j 22:16	21°♑46'39	
	-8978 Feb 04 j 18:15	0°♒	
	-8978 Mar 25 j 11:00	0°♓	
	-8978 May 10 j 16:38	0°♈	
evening set	-8978 May 21 j 22:44	7°♈32'59	
max. Earth dist.	-8978 Jun 08 j 09:34	19°♈27'33	2.52879 AU
	-8978 Jun 23 j 12:58	0°♉	
conjunction	-8978 Jul 11 j 14:45	12°♉50'06	1°12'01
minimum elong	-8978 Jul 11 j 14:13	12°♉49'08	1°12'20
	-8978 Aug 04 j 05:14	0°♊	
morning rise	-8978 Sep 02 j 21:29	22°♊10'18	
	-8978 Sep 13 j 04:47	0°♋	
	-8978 Oct 22 j 03:59	0°♌	
	-8978 Nov 29 j 22:04	0°♍	
desc. node	-8978 Dec 26 j 21:18	20°♍36'42	
	-8977 Jan 08 j 08:45	0°♎	
	-8977 Feb 18 j 13:30	0°♏	
	-8977 Apr 04 j 01:21	0°♐	
	-8977 May 26 j 05:19	0°♑	
retrograde	-8977 Jul 26 j 02:18	18°♑00'41	
min. Earth dist.	-8977 Sep 01 j 01:07	9°♑17'10	0.64168 AU
opposition	-8977 Sep 04 j 01:25	8°♑04'27	-3°31'09
greatest brilliancy	-8977 Sep 03 j 17:31	8°♑12'23	-1.5m
	-8977 Sep 29 j 14:24	30°℞♐	
direct	-8977 Oct 12 j 19:22	28°♐51'28	
	-8977 Oct 26 j 17:57	0°♑	
asc. node	-8977 Dec 10 j 02:48	14°♑17'00	
	-8976 Jan 11 j 07:54	0°♒	
	-8976 Mar 03 j 22:30	0°♓	
	-8976 Apr 20 j 10:05	0°♈	
	-8976 Jun 03 j 13:04	0°♉	
evening set	-8976 Jul 08 j 10:47	25°♉07'07	
	-8976 Jul 15 j 01:18	0°♊	
max. Earth dist.	-8976 Jul 31 j 17:39	12°♊29'37	2.40958 AU
	-8976 Aug 23 j 15:56	0°♋	
conjunction	-8976 Sep 03 j 22:30	8°♋43'09	0°48'24
minimum elong	-8976 Sep 04 j 01:28	8°♋48'52	0°48'57
	-8976 Oct 01 j 04:47	0°♌	
morning rise	-8976 Nov 06 j 14:07	28°♌29'05	
	-8976 Nov 08 j 12:48	0°♍	
desc. node	-8976 Nov 12 j 15:23	3°♍11'45	
	-8976 Dec 17 j 13:07	0°♎	
	-8975 Jan 27 j 01:55	0°♏	
	-8975 Mar 10 j 22:28	0°♐	
	-8975 Apr 26 j 04:25	0°♑	
	-8975 Jun 17 j 21:21	0°♒	
retrograde	-8975 Aug 29 j 04:49	22°♒42'53	
opposition	-8975 Oct 07 j 19:35	13°♒07'47	-0°45'21
greatest brilliancy	-8975 Oct 07 j 20:21	13°♒07'01	-1.4m
min. Earth dist.	-8975 Oct 08 j 12:57	12°♒50'21	0.66656 AU
asc. node	-8975 Oct 27 j 07:54	6°♒10'11	
direct	-8975 Nov 17 j 07:35	3°♒17'14	
	-8974 Feb 06 j 10:20	0°♓	
	-8974 Mar 30 j 03:06	0°♈	
	-8974 May 14 j 12:16	0°♉	
	-8974 Jun 25 j 08:56	0°♊	
	-8974 Aug 04 j 00:07	0°♋	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

evening set	-8974 Sep 07 j 12:56	26°♋54'56	
	-8974 Sep 11 j 11:16	0°♌	
desc. node	-8974 Sep 30 j 09:50	14°♌52'27	
	-8974 Oct 19 j 17:53	0°♍	
conjunction	-8974 Nov 10 j 04:49	16°♍36'59	-0°29'56
minimum elong	-8974 Nov 10 j 02:18	16°♍32'07	0°29'42
	-8974 Nov 27 j 17:39	0°♎	
max. Earth dist.	-8974 Dec 25 j 20:15	20°♎58'41	2.42986 AU
	-8973 Jan 07 j 05:05	0°♏	
morning rise	-8973 Jan 12 j 20:41	4°♏04'40	
	-8973 Feb 18 j 17:41	0°♐	
	-8973 Apr 04 j 16:58	0°♑	
	-8973 May 22 j 15:00	0°♒	
	-8973 Jul 14 j 15:06	0°♓	
asc. node	-8973 Sep 14 j 10:44	24°♓50'26	
retrograde	-8973 Oct 05 j 00:41	27°♓14'38	
opposition	-8973 Nov 12 j 06:03	18°♓25'34	2°19'01
greatest brilliancy	-8973 Nov 12 j 13:26	18°♓18'22	-1.5m
min. Earth dist.	-8973 Nov 16 j 15:50	16°♓42'12	0.62991 AU
direct	-8973 Dec 23 j 03:58	8°♓27'29	
	-8972 Feb 29 j 22:49	0°♈	
	-8972 Apr 20 j 14:05	0°♉	
	-8972 Jun 03 j 01:14	0°♊	
	-8972 Jul 13 j 08:06	0°♋	
desc. node	-8972 Aug 17 j 07:50	27°♋00'37	
	-8972 Aug 21 j 04:02	0°♌	
	-8972 Sep 28 j 17:54	0°♍	
	-8972 Nov 07 j 01:07	0°♎	
evening set	-8972 Nov 11 j 05:59	3°♎09'03	
	-8972 Dec 17 j 19:46	0°♏	
conjunction	-8971 Jan 08 j 18:21	15°♏35'36	-1°11'49
minimum elong	-8971 Jan 08 j 17:43	15°♏34'29	1°12'11
	-8971 Jan 29 j 12:43	0°♐	
max. Earth dist.	-8971 Feb 10 j 19:59	8°♐22'53	2.55217 AU
morning rise	-8971 Mar 04 j 17:17	23°♐02'07	
	-8971 Mar 15 j 06:58	0°♑	
	-8971 Apr 30 j 23:05	0°♒	
	-8971 Jun 18 j 13:00	0°♓	
asc. node	-8971 Aug 01 j 08:48	25°♓38'04	
	-8971 Aug 09 j 05:12	0°♈	
	-8971 Oct 12 j 07:51	0°♉	
retrograde	-8971 Nov 17 j 12:14	6°♉49'13	
	-8971 Dec 21 j 04:23	30°℞♈	
opposition	-8971 Dec 23 j 03:50	29°♈17'20	5°19'19
greatest brilliancy	-8971 Dec 24 j 11:26	28°♈48'40	-1.9m
min. Earth dist.	-8971 Dec 30 j 20:04	26°♈30'57	0.53565 AU
direct	-8970 Jan 31 j 10:44	20°♈08'06	
	-8970 Mar 14 j 04:10	0°♉	
	-8970 May 07 j 06:28	0°♊	
	-8970 Jun 19 j 12:51	0°♋	
desc. node	-8970 Jul 05 j 11:32	11°♋43'07	
	-8970 Jul 29 j 20:44	0°♌	
	-8970 Sep 07 j 11:56	0°♍	
	-8970 Oct 17 j 16:19	0°♎	
	-8970 Nov 28 j 05:15	0°♏	
evening set	-8969 Jan 04 j 06:52	25°♏45'25	
	-8969 Jan 10 j 12:31	0°♐	
	-8969 Feb 24 j 14:09	0°♑	
conjunction	-8969 Feb 25 j 05:18	0°♑24'47	-0°57'30
minimum elong	-8969 Feb 25 j 06:56	0°♑27'27	0°58'02
max. Earth dist.	-8969 Mar 11 j 23:09	10°♑00'55	2.63553 AU
	-8969 Apr 12 j 00:33	0°♒	
morning rise	-8969 Apr 15 j 09:26	2°♒09'10	
	-8969 May 29 j 06:29	0°♓	
asc. node	-8969 Jun 19 j 02:05	13°♓07'15	
	-8969 Jul 16 j 00:00	0°♈	
	-8969 Sep 02 j 14:25	0°♉	
	-8969 Oct 24 j 05:51	0°♊	
	-8968 Jan 08 j 10:55	0°♋	
retrograde	-8968 Jan 19 j 05:30	0°♋42'35	
	-8968 Jan 29 j 20:19	30°℞♊	
opposition	-8968 Feb 19 j 21:14	25°♊07'15	5°48'18
greatest brilliancy	-8968 Feb 21 j 08:04	24°♊41'27	-2.6m
min. Earth dist.	-8968 Feb 26 j 08:15	23°♊13'11	0.41439 AU
direct	-8968 Mar 24 j 16:37	18°♊39'30	
	-8968 May 07 j 15:24	0°♋	
desc. node	-8968 May 22 j 16:13	7°♋32'27	
	-8968 Jun 28 j 19:01	0°♌	
	-8968 Aug 11 j 23:09	0°♍	
	-8968 Sep 23 j 21:32	0°♎	
	-8968 Nov 06 j 08:16	0°♏	
	-8968 Dec 20 j 23:31	0°♐	
	-8967 Feb 04 j 21:15	0°♑	
evening set	-8967 Feb 16 j 01:55	7°♑13'09	
	-8967 Mar 23 j 15:16	0°♒	
conjunction	-8967 Apr 05 j 14:02	8°♒16'17	-0°17'16
minimum elong	-8967 Apr 05 j 14:42	8°♒17'22	0°17'45
max. Earth dist.	-8967 Apr 04 j 23:34	7°♒53'11	2.66665 AU
asc. node	-8967 May 05 j 18:17	27°♒34'44	
	-8967 May 09 j 12:49	0°♓	
morning rise	-8967 May 22 j 04:02	8°♓07'27	
	-8967 Jun 24 j 22:07	0°♈	
	-8967 Aug 09 j 11:06	0°♉	
	-8967 Sep 23 j 06:11	0°♊	
	-8967 Nov 06 j 18:51	0°♋	
	-8967 Dec 22 j 06:05	0°♌	
	-8966 Feb 11 j 08:18	0°♍	
retrograde	-8966 Apr 05 j 19:50	15°♍48'02	
desc. node	-8966 Apr 09 j 19:20	15°♍41'36	
min. Earth dist.	-8966 May 03 j 03:58	11°♍15'20	0.39635 AU
opposition	-8966 May 08 j 13:56	9°♍41'23	-2°10'21
greatest brilliancy	-8966 May 08 j 01:36	9°♍50'18	-2.8m
direct	-8966 Jun 07 j 23:56	4°♍20'23	
	-8966 Aug 22 j 00:33	0°♎	
	-8966 Oct 12 j 07:10	0°♏	
	-8966 Nov 29 j 13:36	0°♐	
	-8965 Jan 16 j 09:41	0°♑	
	-8965 Mar 05 j 02:32	0°♒	
asc. node	-8965 Mar 23 j 13:29	11°♒41'03	
evening set	-8965 Mar 27 j 13:42	14°♒13'56	
	-8965 Apr 21 j 05:27	0°♓	
max. Earth dist.	-8965 Apr 29 j 07:32	5°♓12'57	2.64396 AU
conjunction	-8965 May 14 j 04:05	14°♓51'55	0°29'18
minimum elong	-8965 May 14 j 03:01	14°♓50'11	0°29'04
	-8965 Jun 06 j 03:56	0°♈	
morning rise	-8965 Jun 29 j 20:15	15°♈52'29	
	-8965 Jul 20 j 12:35	0°♉	
	-8965 Sep 01 j 06:59	0°♊	
	-8965 Oct 12 j 17:46	0°♋	
	-8965 Nov 22 j 09:42	0°♌	
	-8964 Jan 02 j 02:50	0°♍	
	-8964 Feb 13 j 10:33	0°♎	
desc. node	-8964 Feb 25 j 20:31	8°♎18'21	
	-8964 Apr 01 j 17:06	0°♏	
retrograde	-8964 May 31 j 13:17	19°♏16'10	
min. Earth dist.	-8964 Jun 30 j 18:18	13°♏04'57	0.51109 AU
greatest brilliancy	-8964 Jul 06 j 22:51	10°♏47'45	-2.1m
opposition	-8964 Jul 08 j 10:41	10°♏14'30	-5°45'17
direct	-8964 Aug 11 j 18:03	2°♏50'13	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-8964 Oct 31 j 17:15	0°♐	
	-8964 Dec 24 j 13:31	0°♑	
asc. node	-8963 Feb 07 j 12:45	26°♑53'40	
	-8963 Feb 12 j 14:43	0°♒	
	-8963 Apr 01 j 15:34	0°♓	
evening set	-8963 May 05 j 09:21	21°♓50'55	
	-8963 May 17 j 16:39	0°♈	
max. Earth dist.	-8963 May 26 j 04:30	5°♈41'29	2.57000 AU
conjunction	-8963 Jun 23 j 13:34	25°♈05'38	1°05'39
minimum elong	-8963 Jun 23 j 12:12	25°♈03'15	1°05'50
	-8963 Jun 30 j 14:24	0°♉	
	-8963 Aug 11 j 11:40	0°♊	
morning rise	-8963 Aug 12 j 22:25	1°♊03'36	
	-8963 Sep 20 j 18:03	0°♋	
	-8963 Oct 30 j 00:39	0°♌	
	-8963 Dec 08 j 02:08	0°♍	
desc. node	-8962 Jan 12 j 17:24	26°♍54'59	
	-8962 Jan 16 j 21:10	0°♎	
	-8962 Feb 27 j 16:25	0°♏	
	-8962 Apr 14 j 20:48	0°♐	
	-8962 Jun 17 j 15:03	0°♑	
retrograde	-8962 Jul 11 j 21:36	3°♑36'27	
	-8962 Aug 03 j 16:28	30°℞♐	
min. Earth dist.	-8962 Aug 16 j 04:53	25°♐28'29	0.61542 AU
opposition	-8962 Aug 20 j 16:22	23°♐41'18	-4°26'07
greatest brilliancy	-8962 Aug 20 j 01:09	23°♐56'29	-1.6m
direct	-8962 Sep 27 j 10:20	14°♐50'52	
	-8962 Nov 23 j 21:46	0°♑	
asc. node	-8962 Dec 26 j 16:15	15°♑55'30	
	-8961 Jan 21 j 10:23	0°♒	
	-8961 Mar 12 j 23:15	0°♓	
	-8961 Apr 28 j 19:44	0°♈	
	-8961 Jun 11 j 18:42	0°♉	
evening set	-8961 Jun 19 j 07:18	5°♉19'01	
max. Earth dist.	-8961 Jul 05 j 09:14	16°♉51'32	2.45564 AU
	-8961 Jul 23 j 07:37	0°♊	
conjunction	-8961 Aug 12 j 15:12	15°♊12'28	1°05'50
minimum elong	-8961 Aug 12 j 17:05	15°♊16'01	1°06'20
	-8961 Sep 01 j 00:51	0°♋	
	-8961 Oct 09 j 16:44	0°♌	
morning rise	-8961 Oct 11 j 05:57	1°♌12'38	
	-8961 Nov 17 j 03:36	0°♍	
desc. node	-8961 Nov 30 j 10:18	10°♍16'38	
	-8961 Dec 26 j 06:23	0°♎	
	-8960 Feb 04 j 22:35	0°♏	
	-8960 Mar 19 j 03:48	0°♐	
	-8960 May 05 j 13:59	0°♑	
	-8960 Jul 03 j 11:14	0°♒	
retrograde	-8960 Aug 15 j 15:00	9°♒40'35	
opposition	-8960 Sep 24 j 12:21	29°♑53'57	-1°52'30
greatest brilliancy	-8960 Sep 24 j 11:43	29°♑54'36	-1.4m
min. Earth dist.	-8960 Sep 23 j 18:37	0°♒11'49	0.66426 AU
	-8960 Sep 24 j 06:21	30°℞♑	
direct	-8960 Nov 03 j 11:37	20°♑14'55	
asc. node	-8960 Nov 12 j 21:11	20°♑46'34	
	-8960 Dec 18 j 00:20	0°♒	
	-8959 Feb 17 j 04:04	0°♓	
	-8959 Apr 07 j 13:41	0°♈	
	-8959 May 22 j 07:19	0°♉	
	-8959 Jul 02 j 23:15	0°♊	
	-8959 Aug 11 j 13:11	0°♋	
evening set	-8959 Aug 13 j 03:36	1°♋14'12	
	-8959 Sep 18 j 23:53	0°♌	
conjunction	-8959 Oct 14 j 12:32	20°♌02'59	0°02'06
minimum elong	-8959 Oct 14 j 12:46	20°♌03'25	0°02'31
behind sun begin	-8959 Oct 13 j 09:30	19°♌10'00	
behind sun end	-8959 Oct 15 j 16:02	20°♌56'49	
desc. node	-8959 Oct 17 j 05:17	22°♌09'47	
	-8959 Oct 27 j 05:54	0°♍	
max. Earth dist.	-8959 Nov 12 j 10:29	12°♍34'37	2.38749 AU
	-8959 Dec 05 j 04:32	0°♎	
morning rise	-8959 Dec 19 j 07:54	10°♎38'43	
	-8958 Jan 14 j 14:50	0°♏	
	-8958 Feb 26 j 04:08	0°♐	
	-8958 Apr 12 j 10:05	0°♑	
	-8958 May 31 j 09:41	0°♒	
	-8958 Jul 28 j 06:24	0°♓	
retrograde	-8958 Sep 20 j 05:02	13°♓44'12	
asc. node	-8958 Oct 01 j 01:05	12°♓58'02	
opposition	-8958 Oct 29 j 02:38	4°♓34'13	1°06'14
greatest brilliancy	-8958 Oct 29 j 04:51	4°♓32'01	-1.4m
min. Earth dist.	-8958 Nov 01 j 02:07	3°♓23'25	0.65163 AU
	-8958 Nov 10 j 01:27	30°℞♒	
direct	-8958 Dec 09 j 01:21	24°♒34'46	
	-8957 Jan 09 j 15:17	0°♓	
	-8957 Mar 14 j 07:05	0°♈	
	-8957 Apr 30 j 21:06	0°♉	
	-8957 Jun 12 j 11:44	0°♊	
	-8957 Jul 22 j 10:13	0°♋	
	-8957 Aug 30 j 01:08	0°♌	
desc. node	-8957 Sep 04 j 02:51	3°♌58'08	
	-8957 Oct 07 j 10:44	0°♍	
evening set	-8957 Oct 18 j 09:52	8°♍29'39	
	-8957 Nov 15 j 13:29	0°♎	
conjunction	-8957 Dec 18 j 21:53	24°♎44'51	-1°03'44
minimum elong	-8957 Dec 18 j 19:33	24°♎40'35	1°03'53
	-8957 Dec 26 j 03:39	0°♏	
max. Earth dist.	-8956 Jan 28 j 09:08	23°♏32'56	2.50678 AU
	-8956 Feb 06 j 17:07	0°♐	
morning rise	-8956 Feb 15 j 04:49	5°♐48'27	
	-8956 Mar 22 j 10:51	0°♑	
	-8956 May 08 j 09:55	0°♒	
	-8956 Jun 27 j 01:15	0°♓	
asc. node	-8956 Aug 18 j 00:47	28°♓16'27	
	-8956 Aug 21 j 13:57	0°♈	
retrograde	-8956 Oct 29 j 19:08	20°♈35'08	
opposition	-8956 Dec 05 j 15:01	12°♈28'11	4°13'16
greatest brilliancy	-8956 Dec 06 j 11:52	12°♈08'32	-1.7m
min. Earth dist.	-8956 Dec 12 j 03:49	10°♈00'41	0.57866 AU
direct	-8955 Jan 14 j 21:16	2°♈49'44	
	-8955 Apr 01 j 20:11	0°♉	
	-8955 May 18 j 17:31	0°♊	
	-8955 Jun 29 j 06:25	0°♋	
desc. node	-8955 Jul 22 j 03:29	17°♋16'23	
	-8955 Aug 07 j 18:35	0°♌	
	-8955 Sep 15 j 20:24	0°♍	
	-8955 Oct 25 j 13:49	0°♎	
	-8955 Dec 05 j 17:20	0°♏	
evening set	-8955 Dec 15 j 18:16	7°♏07'37	
	-8954 Jan 17 j 17:07	0°♐	
conjunction	-8954 Feb 07 j 22:10	14°♐19'44	-1°07'35
minimum elong	-8954 Feb 07 j 23:27	14°♐21'51	1°08'06
max. Earth dist.	-8954 Mar 01 j 14:11	28°♐41'30	2.60866 AU
	-8954 Mar 03 j 14:01	0°♑	
morning rise	-8954 Mar 30 j 22:52	17°♑47'07	
	-8954 Apr 19 j 00:27	0°♒	
	-8954 Jun 05 j 14:41	0°♓	
asc. node	-8954 Jul 05 j 19:59	18°♓42'31	
	-8954 Jul 24 j 08:23	0°♈	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-8954 Sep 13 j 14:51	0°♉	
	-8954 Nov 15 j 12:47	0°♊	
retrograde	-8954 Dec 22 j 21:14	7°♊16'58	
opposition	-8953 Jan 25 j 02:19	0°♊54'33	6°20'26
greatest brilliancy	-8953 Jan 26 j 21:28	0°♊19'20	-2.3m
	-8953 Jan 27 j 21:04	30°℞♉	
min. Earth dist.	-8953 Feb 02 j 06:19	28°♉15'23	0.45955 AU
direct	-8953 Mar 02 j 15:03	23°♉09'52	
	-8953 Apr 04 j 21:06	0°♊	
	-8953 May 30 j 13:08	0°♋	
desc. node	-8953 Jun 09 j 07:14	6°♋25'33	
	-8953 Jul 13 j 04:59	0°♌	
	-8953 Aug 23 j 15:06	0°♍	
	-8953 Oct 04 j 01:03	0°♎	
	-8953 Nov 15 j 11:58	0°♏	
	-8953 Dec 29 j 11:16	0°♐	
evening set	-8952 Jan 31 j 20:34	22°♐06'24	
	-8952 Feb 12 j 22:54	0°♑	
conjunction	-8952 Mar 21 j 08:40	24°♑08'17	-0°34'30
minimum elong	-8952 Mar 21 j 09:56	24°♑10'18	0°35'01
max. Earth dist.	-8952 Mar 26 j 10:53	27°♑24'08	2.66083 AU
	-8952 Mar 30 j 12:15	0°♒	
morning rise	-8952 May 07 j 15:18	24°♒21'35	
	-8952 May 16 j 11:10	0°♓	
asc. node	-8952 May 22 j 12:45	3°♓52'48	
	-8952 Jul 02 j 05:28	0°♈	
	-8952 Aug 17 j 14:40	0°♉	
	-8952 Oct 02 j 23:34	0°♊	
	-8952 Nov 19 j 12:46	0°♋	
	-8951 Jan 11 j 23:34	0°♌	
retrograde	-8951 Mar 07 j 18:06	15°♌32'28	
opposition	-8951 Apr 07 j 15:08	10°♌20'06	1°30'18
min. Earth dist.	-8951 Apr 07 j 02:43	10°♌28'27	0.38066 AU
greatest brilliancy	-8951 Apr 07 j 16:36	10°♌19'07	-2.9m
desc. node	-8951 Apr 26 j 12:11	6°♌05'33	
direct	-8951 May 08 j 01:24	5°♌14'31	
	-8951 Jul 18 j 15:24	0°♍	
	-8951 Sep 06 j 05:22	0°♎	
	-8951 Oct 22 j 16:29	0°♏	
	-8951 Dec 08 j 00:09	0°♐	
	-8950 Jan 23 j 20:59	0°♑	
evening set	-8950 Mar 12 j 10:01	0°♒11'50	
	-8950 Mar 12 j 02:34	0°♒	
asc. node	-8950 Apr 09 j 06:29	17°♒56'11	
max. Earth dist.	-8950 Apr 19 j 18:52	24°♒40'04	2.65920 AU
	-8950 Apr 28 j 02:01	0°♓	
conjunction	-8950 Apr 29 j 02:15	0°♓38'59	0°11'28
minimum elong	-8950 Apr 29 j 01:49	0°♓38'17	0°11'08
behind sun begin	-8950 Apr 28 j 11:42	0°♓15'35	
behind sun end	-8950 Apr 29 j 15:56	1°♓01'00	
	-8950 Jun 13 j 03:10	0°♈	
morning rise	-8950 Jun 14 j 09:24	0°♈49'55	
	-8950 Jul 27 j 20:23	0°♉	
	-8950 Sep 09 j 04:59	0°♊	
	-8950 Oct 21 j 11:37	0°♋	
	-8950 Dec 02 j 05:30	0°♌	
	-8949 Jan 13 j 12:42	0°♍	
	-8949 Feb 28 j 06:06	0°♎	
desc. node	-8949 Mar 14 j 13:47	8°♎14'28	
retrograde	-8949 May 13 j 02:33	27°♎38'21	
min. Earth dist.	-8949 Jun 10 j 07:00	22°♎18'05	0.46161 AU
greatest brilliancy	-8949 Jun 16 j 20:24	20°♎03'08	-2.4m
opposition	-8949 Jun 18 j 08:58	19°♎31'29	-5°19'18
direct	-8949 Jul 21 j 02:46	12°♎54'26	
	-8949 Sep 18 j 19:36	0°♏	

	-8949 Nov 13 j 18:16	0°♐	
	-8948 Jan 03 j 05:46	0°♑	
	-8948 Feb 21 j 02:35	0°♒	
asc. node	-8948 Feb 25 j 04:16	2°♒31'55	
	-8948 Apr 08 j 16:42	0°♓	
evening set	-8948 Apr 19 j 13:29	6°♓59'22	
max. Earth dist.	-8948 May 14 j 13:33	23°♓18'37	2.60496 AU
	-8948 May 24 j 15:42	0°♈	
conjunction	-8948 Jun 06 j 18:17	8°♈47'23	0°54'01
minimum elong	-8948 Jun 06 j 16:42	8°♈44'42	0°54'02
	-8948 Jul 07 j 16:46	0°♉	
morning rise	-8948 Jul 25 j 02:53	12°♉14'33	
	-8948 Aug 18 j 20:46	0°♊	
	-8948 Sep 28 j 11:58	0°♋	
	-8948 Nov 07 j 04:07	0°♌	
	-8948 Dec 16 j 15:53	0°♍	
	-8947 Jan 26 j 00:17	0°♎	
desc. node	-8947 Jan 29 j 12:28	2°♎32'42	
	-8947 Mar 09 j 22:04	0°♏	
	-8947 Apr 28 j 23:13	0°♐	
retrograde	-8947 Jun 26 j 21:28	18°♐00'46	
min. Earth dist.	-8947 Jul 30 j 08:09	10°♐34'09	0.58041 AU
greatest brilliancy	-8947 Aug 04 j 05:48	8°♐38'51	-1.7m
opposition	-8947 Aug 05 j 05:39	8°♐15'28	-5°11'33
	-8947 Sep 06 j 14:55	30°℞♏	
direct	-8947 Sep 10 j 18:59	29°♏53'14	
	-8947 Sep 15 j 00:41	0°♐	
	-8947 Dec 07 j 17:06	0°♑	
asc. node	-8946 Jan 12 j 05:49	19°♑30'52	
	-8946 Jan 30 j 07:07	0°♒	
	-8946 Mar 20 j 13:36	0°♓	
	-8946 May 06 j 00:26	0°♈	
evening set	-8946 May 31 j 20:27	17°♈27'00	
max. Earth dist.	-8946 Jun 17 j 00:17	28°♈39'30	2.50391 AU
	-8946 Jun 18 j 22:10	0°♉	
conjunction	-8946 Jul 22 j 14:17	24°♉08'30	1°12'24
minimum elong	-8946 Jul 22 j 14:31	24°♉08'56	1°12'50
	-8946 Jul 30 j 13:45	0°♊	
	-8946 Sep 08 j 11:21	0°♋	
morning rise	-8946 Sep 15 j 21:32	5°♋41'22	
	-8946 Oct 17 j 07:48	0°♌	
	-8946 Nov 24 j 22:46	0°♍	
desc. node	-8946 Dec 17 j 08:14	17°♍12'46	
	-8945 Jan 03 j 05:27	0°♎	
	-8945 Feb 13 j 03:24	0°♏	
	-8945 Mar 28 j 23:28	0°♐	
	-8945 May 17 j 14:27	0°♑	
retrograde	-8945 Aug 03 j 00:54	26°♑21'36	
min. Earth dist.	-8945 Sep 09 j 20:05	17°♑20'41	0.65231 AU
opposition	-8945 Sep 12 j 01:01	16°♑27'23	-2°56'12
greatest brilliancy	-8945 Sep 11 j 20:22	16°♑32'03	-1.4m
direct	-8945 Oct 21 j 07:09	7°♑03'49	
asc. node	-8945 Nov 30 j 10:16	15°♑11'25	
	-8944 Jan 03 j 17:03	0°♒	
	-8944 Feb 27 j 08:58	0°♓	
	-8944 Apr 15 j 10:48	0°♈	
	-8944 May 29 j 18:54	0°♉	
	-8944 Jul 10 j 08:43	0°♊	
evening set	-8944 Jul 20 j 18:09	7°♊45'15	
	-8944 Aug 18 j 23:20	0°♋	
max. Earth dist.	-8944 Aug 25 j 03:11	4°♋45'40	2.38944 AU
conjunction	-8944 Sep 18 j 02:32	23°♋26'27	0°33'43
minimum elong	-8944 Sep 18 j 05:12	23°♋31'38	0°34'13
	-8944 Sep 26 j 11:23	0°♌	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

desc. node	-8944 Nov 03 j 01:22	29°♌26'41	
	-8944 Nov 03 j 18:27	0°♍	
morning rise	-8944 Nov 22 j 06:58	14°♍21'57	
	-8944 Dec 12 j 17:37	0°♎	
	-8943 Jan 22 j 04:22	0°♏	
	-8943 Mar 05 j 20:34	0°♐	
	-8943 Apr 20 j 14:05	0°♑	
	-8943 Jun 10 j 09:29	0°♒	
	-8943 Aug 27 j 01:30	0°♓	
retrograde	-8943 Sep 06 j 02:26	0°♓37'04	
	-8943 Sep 15 j 18:42	30°℞♒	
opposition	-8943 Oct 15 j 12:26	21°♒09'51	-0°04'55
greatest brilliancy	-8943 Oct 15 j 12:40	21°♒09'37	-1.4m
min. Earth dist.	-8943 Oct 17 j 01:07	20°♒33'12	0.66389 AU
asc. node	-8943 Oct 17 j 15:00	20°♒19'20	
direct	-8943 Nov 25 j 06:06	11°♒14'44	
	-8942 Jan 29 j 03:34	0°♓	
	-8942 Mar 24 j 07:46	0°♈	
	-8942 May 09 j 08:40	0°♉	
	-8942 Jun 20 j 11:12	0°♊	
	-8942 Jul 30 j 04:48	0°♋	
	-8942 Sep 06 j 16:51	0°♌	
desc. node	-8942 Sep 20 j 20:36	11°♌06'36	
evening set	-8942 Sep 22 j 07:59	12°♌16'01	
	-8942 Oct 14 j 23:56	0°♍	
	-8942 Nov 23 j 00:02	0°♎	
conjunction	-8942 Nov 24 j 18:15	1°♎19'51	-0°45'06
minimum elong	-8942 Nov 24 j 15:09	1°♎13'59	0°45'01
	-8941 Jan 02 j 11:26	0°♏	
max. Earth dist.	-8941 Jan 09 j 12:06	5°♏04'06	2.45748 AU
morning rise	-8941 Jan 25 j 14:53	16°♏31'59	
	-8941 Feb 13 j 23:17	0°♐	
	-8941 Mar 30 j 18:55	0°♑	
	-8941 May 17 j 05:43	0°♒	
	-8941 Jul 07 j 14:17	0°♓	
asc. node	-8941 Sep 04 j 17:09	27°♓52'18	
	-8941 Sep 11 j 01:11	0°♈	
retrograde	-8941 Oct 14 j 00:12	5°♈44'44	
	-8941 Nov 13 j 04:41	30°℞♓	
opposition	-8941 Nov 20 j 19:09	27°♓09'11	3°01'19
greatest brilliancy	-8941 Nov 21 j 06:41	26°♓58'02	-1.6m
min. Earth dist.	-8941 Nov 25 j 23:44	25°♓08'50	0.61412 AU
direct	-8941 Dec 31 j 14:08	17°♓15'20	
	-8940 Feb 19 j 14:14	0°♈	
	-8940 Apr 14 j 02:26	0°♉	
	-8940 May 28 j 11:04	0°♊	
	-8940 Jul 08 j 02:50	0°♋	
desc. node	-8940 Aug 07 j 20:26	23°♋34'29	
	-8940 Aug 16 j 03:26	0°♌	
	-8940 Sep 23 j 20:30	0°♍	
	-8940 Nov 02 j 06:08	0°♎	
evening set	-8940 Nov 24 j 08:04	16°♎22'27	
	-8940 Dec 13 j 02:33	0°♏	
conjunction	-8939 Jan 20 j 04:55	26°♏47'57	-1°12'17
minimum elong	-8939 Jan 20 j 05:09	26°♏48'21	1°12'44
	-8939 Jan 24 j 20:43	0°♐	
max. Earth dist.	-8939 Feb 18 j 05:14	16°♐29'15	2.57425 AU
	-8939 Mar 10 j 14:39	0°♑	
morning rise	-8939 Mar 14 j 14:28	2°♑37'00	
	-8939 Apr 26 j 03:28	0°♒	
	-8939 Jun 13 j 06:28	0°♓	
asc. node	-8939 Jul 22 j 14:07	23°♓37'11	
	-8939 Aug 02 j 13:31	0°♈	
	-8939 Sep 28 j 04:51	0°♉	
retrograde	-8939 Nov 29 j 09:30	17°♉24'23	
opposition	-8938 Jan 03 j 06:09	10°♉15'34	5°50'18
greatest brilliancy	-8938 Jan 04 j 19:34	9°♉42'41	-2.0m
min. Earth dist.	-8938 Jan 11 j 09:09	7°♉24'57	0.50907 AU
direct	-8938 Feb 10 j 18:30	1°♉30'47	
	-8938 Apr 28 j 12:16	0°♊	
	-8938 Jun 12 j 19:08	0°♋	
desc. node	-8938 Jun 25 j 23:11	9°♋26'01	
	-8938 Jul 23 j 22:08	0°♌	
	-8938 Sep 02 j 00:39	0°♍	
	-8938 Oct 12 j 13:06	0°♎	
	-8938 Nov 23 j 07:50	0°♏	
	-8937 Jan 05 j 19:19	0°♐	
evening set	-8937 Jan 14 j 15:41	5°♐57'47	
	-8937 Feb 19 j 23:12	0°♑	
conjunction	-8937 Mar 06 j 14:05	9°♑30'54	-0°49'52
minimum elong	-8937 Mar 06 j 15:42	9°♑33'31	0°50'25
max. Earth dist.	-8937 Mar 17 j 19:15	16°♑46'00	2.64678 AU
	-8937 Apr 07 j 09:47	0°♒	
morning rise	-8937 Apr 23 j 23:04	10°♒34'15	
	-8937 May 24 j 12:22	0°♓	
asc. node	-8937 Jun 09 j 07:14	10°♓01'05	
	-8937 Jul 10 j 19:57	0°♈	
	-8937 Aug 27 j 10:53	0°♉	
	-8937 Oct 15 j 11:50	0°♊	
	-8937 Dec 09 j 15:10	0°♋	
retrograde	-8936 Feb 05 j 08:12	16°♋10'00	
opposition	-8936 Mar 07 j 07:27	10°♋55'18	4°44'53
greatest brilliancy	-8936 Mar 08 j 06:16	10°♋39'26	-2.8m
min. Earth dist.	-8936 Mar 11 j 20:30	9°♋39'46	0.39512 AU
direct	-8936 Apr 08 j 11:29	5°♋09'11	
desc. node	-8936 May 13 j 03:12	12°♋25'34	
	-8936 Jun 17 j 16:18	0°♌	
	-8936 Aug 04 j 06:39	0°♍	
	-8936 Sep 17 j 15:05	0°♎	
	-8936 Oct 31 j 20:27	0°♏	
	-8936 Dec 15 j 23:05	0°♐	
	-8935 Jan 31 j 03:23	0°♑	
evening set	-8935 Feb 25 j 02:02	15°♑59'26	
	-8935 Mar 19 j 00:42	0°♒	
max. Earth dist.	-8935 Apr 10 j 11:05	14°♒19'05	2.66638 AU
conjunction	-8935 Apr 14 j 04:23	16°♒41'49	-0°06'51
minimum elong	-8935 Apr 14 j 04:39	16°♒42'14	0°07'17
behind sun begin	-8935 Apr 13 j 11:03	16°♒14'07	
behind sun end	-8935 Apr 14 j 22:15	17°♒10'22	
asc. node	-8935 Apr 26 j 00:05	24°♒15'56	
	-8935 May 04 j 22:32	0°♓	
morning rise	-8935 May 30 j 13:01	16°♓31'57	
	-8935 Jun 20 j 04:33	0°♈	
	-8935 Aug 04 j 09:53	0°♉	
	-8935 Sep 17 j 14:45	0°♊	
	-8935 Oct 31 j 03:40	0°♋	
	-8935 Dec 13 j 18:57	0°♌	
	-8934 Jan 28 j 16:01	0°♍	
desc. node	-8934 Mar 31 j 07:58	29°♍31'06	
	-8934 Apr 02 j 06:56	0°♎	
retrograde	-8934 Apr 20 j 11:48	2°♎12'33	
	-8934 May 08 j 09:54	30°℞♍	
min. Earth dist.	-8934 May 17 j 10:46	27°♍32'38	0.41550 AU
greatest brilliancy	-8934 May 23 j 11:15	25°♍41'41	-2.7m
opposition	-8934 May 24 j 11:58	25°♍22'32	-3°44'40
direct	-8934 Jun 24 j 15:46	19°♍37'27	
	-8934 Aug 07 j 13:19	0°♎	
	-8934 Oct 04 j 16:38	0°♏	
	-8934 Nov 23 j 17:02	0°♐	
	-8933 Jan 11 j 06:53	0°♑	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-8933 Feb 28 j 08:19	0°♒	
asc. node	-8933 Mar 13 j 19:25	8°♒28'38	
evening set	-8933 Apr 05 j 06:51	22°♒44'32	
	-8933 Apr 16 j 14:56	0°♓	
max. Earth dist.	-8933 May 05 j 02:52	11°♓57'27	2.63221 AU
conjunction	-8933 May 22 j 23:23	23°♓39'01	0°39'01
minimum elong	-8933 May 22 j 22:03	23°♓36'49	0°38'51
	-8933 Jun 01 j 13:32	0°♈	
morning rise	-8933 Jul 09 j 01:33	25°♈20'42	
	-8933 Jul 15 j 19:34	0°♉	
	-8933 Aug 27 j 08:32	0°♊	
	-8933 Oct 07 j 11:49	0°♋	
	-8933 Nov 16 j 17:58	0°♌	
	-8933 Dec 26 j 22:04	0°♍	
	-8932 Feb 06 j 06:34	0°♎	
desc. node	-8932 Feb 16 j 08:02	7°♎00'41	
	-8932 Mar 22 j 13:07	0°♏	
	-8932 Jun 01 j 07:31	0°♐	
retrograde	-8932 Jun 10 j 14:14	0°♐36'00	
	-8932 Jun 19 j 16:29	30°℞♏	
min. Earth dist.	-8932 Jul 11 j 23:24	23°♏57'08	0.53719 AU
greatest brilliancy	-8932 Jul 17 j 18:50	21°♏44'54	-1.9m
opposition	-8932 Jul 19 j 03:11	21°♏14'08	-5°40'50
direct	-8932 Aug 23 j 06:42	13°♏27'21	
	-8932 Oct 21 j 23:00	0°♐	
	-8932 Dec 18 j 09:31	0°♑	
asc. node	-8931 Jan 28 j 19:24	24°♑11'49	
	-8931 Feb 07 j 10:38	0°♒	
	-8931 Mar 27 j 21:02	0°♓	
	-8931 May 13 j 01:39	0°♈	
evening set	-8931 May 14 j 18:03	1°♈07'18	
max. Earth dist.	-8931 Jun 02 j 11:16	13°♈44'35	2.54806 AU
	-8931 Jun 25 j 23:49	0°♉	
conjunction	-8931 Jul 03 j 15:52	5°♉23'53	1°10'04
minimum elong	-8931 Jul 03 j 14:53	5°♉22'09	1°10'20
	-8931 Aug 06 j 19:11	0°♊	
morning rise	-8931 Aug 24 j 12:09	13°♊06'26	
	-8931 Sep 15 j 22:24	0°♋	
	-8931 Oct 25 j 00:56	0°♌	
	-8931 Dec 02 j 21:51	0°♍	
desc. node	-8930 Jan 03 j 03:15	23°♍45'49	
	-8930 Jan 11 j 11:10	0°♎	
	-8930 Feb 21 j 19:48	0°♏	
	-8930 Apr 07 j 19:27	0°♐	
	-8930 Jun 01 j 13:47	0°♑	
retrograde	-8930 Jul 20 j 03:28	12°♑25'19	
min. Earth dist.	-8930 Aug 25 j 09:27	3°♑57'06	0.63105 AU
opposition	-8930 Aug 29 j 01:36	2°♑28'46	-3°55'13
greatest brilliancy	-8930 Aug 28 j 14:44	2°♑39'39	-1.5m
	-8930 Sep 04 j 09:31	30°℞♐	
direct	-8930 Oct 06 j 09:51	23°♐25'10	
	-8930 Nov 10 j 22:09	0°♑	
asc. node	-8930 Dec 16 j 23:25	15°♑00'24	
	-8929 Jan 15 j 00:52	0°♒	
	-8929 Mar 07 j 17:29	0°♓	
	-8929 Apr 23 j 23:34	0°♈	
	-8929 Jun 07 j 02:15	0°♉	
evening set	-8929 Jun 30 j 12:15	16°♉42'02	
	-8929 Jul 18 j 15:55	0°♊	
max. Earth dist.	-8929 Jul 18 j 23:36	0°♊14'12	2.42956 AU
conjunction	-8929 Aug 25 j 12:15	28°♊34'52	0°57'19
minimum elong	-8929 Aug 25 j 14:53	28°♊39'57	0°57'51
	-8929 Aug 27 j 08:33	0°♋	
	-8929 Oct 04 j 22:56	0°♌	
morning rise	-8929 Oct 26 j 11:39	16°♌51'12	
	-8929 Nov 12 j 07:52	0°♍	
desc. node	-8929 Nov 20 j 21:06	6°♍38'22	
	-8929 Dec 21 j 08:29	0°♎	
	-8928 Jan 30 j 21:14	0°♏	
	-8928 Mar 13 j 19:23	0°♐	
	-8928 Apr 29 j 09:01	0°♑	
	-8928 Jun 22 j 18:15	0°♒	
retrograde	-8928 Aug 23 j 10:11	17°♒38'01	
opposition	-8928 Oct 02 j 04:55	7°♒57'18	-1°13'46
greatest brilliancy	-8928 Oct 02 j 05:24	7°♒56'49	-1.4m
min. Earth dist.	-8928 Oct 02 j 06:40	7°♒55'33	0.66671 AU
	-8928 Oct 25 j 20:02	30°℞♑	
asc. node	-8928 Nov 03 j 04:46	28°♑37'52	
direct	-8928 Nov 11 j 12:22	28°♑11'19	
	-8928 Nov 29 j 05:59	0°♒	
	-8927 Feb 10 j 11:37	0°♓	
	-8927 Apr 02 j 03:57	0°♈	
	-8927 May 17 j 07:41	0°♉	
	-8927 Jun 28 j 03:25	0°♊	
	-8927 Aug 06 j 18:57	0°♋	
evening set	-8927 Aug 27 j 07:28	15°♋56'21	
	-8927 Sep 14 j 06:09	0°♌	
desc. node	-8927 Oct 07 j 15:39	18°♌22'26	
	-8927 Oct 22 j 12:14	0°♍	
conjunction	-8927 Oct 29 j 15:52	5°♍34'05	-0°16'36
minimum elong	-8927 Oct 29 j 14:21	5°♍31'09	0°16'16
	-8927 Nov 30 j 10:47	0°♎	
max. Earth dist.	-8927 Dec 11 j 06:43	8°♎10'19	2.40869 AU
morning rise	-8926 Jan 02 j 12:52	24°♎40'11	
	-8926 Jan 09 j 20:24	0°♏	
	-8926 Feb 21 j 07:44	0°♐	
	-8926 Apr 07 j 07:48	0°♑	
	-8926 May 25 j 13:31	0°♒	
	-8926 Jul 19 j 00:15	0°♓	
asc. node	-8926 Sep 21 j 08:19	21°♓31'34	
retrograde	-8926 Sep 28 j 13:58	21°♓50'52	
opposition	-8926 Nov 06 j 03:43	12°♓51'52	1°48'12
greatest brilliancy	-8926 Nov 06 j 08:30	12°♓47'10	-1.5m
min. Earth dist.	-8926 Nov 09 j 22:31	11°♓22'36	0.64079 AU
direct	-8926 Dec 17 j 03:27	2°♓52'17	
	-8925 Mar 06 j 22:05	0°♈	
	-8925 Apr 25 j 02:53	0°♉	
	-8925 Jun 07 j 05:27	0°♊	
	-8925 Jul 17 j 09:12	0°♋	
desc. node	-8925 Aug 25 j 12:55	0°♌19'36	
	-8925 Aug 25 j 02:53	0°♌	
	-8925 Oct 02 j 14:25	0°♍	
evening set	-8925 Nov 01 j 17:31	23°♍08'48	
	-8925 Nov 10 j 18:55	0°♎	
	-8925 Dec 21 j 10:22	0°♏	
conjunction	-8925 Dec 31 j 14:57	7°♏18'47	-1°09'32
minimum elong	-8925 Dec 31 j 13:35	7°♏16'19	1°09'49
	-8924 Feb 02 j 00:30	0°♐	
max. Earth dist.	-8924 Feb 06 j 02:19	2°♐47'44	2.53270 AU
morning rise	-8924 Feb 25 j 23:52	16°♐16'04	
	-8924 Mar 17 j 17:04	0°♑	
	-8924 May 03 j 10:46	0°♒	
	-8924 Jun 21 j 09:09	0°♓	
asc. node	-8924 Aug 08 j 07:11	27°♓20'11	
	-8924 Aug 13 j 07:16	0°♈	
	-8924 Nov 06 j 12:53	0°♉	
retrograde	-8924 Nov 09 j 03:21	0°♉02'31	
	-8924 Nov 11 j 17:23	30°℞♈	
opposition	-8924 Dec 15 j 08:53	22°♈14'01	4°51'54

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

greatest brilliancy	-8924 Dec 16 j 11:47	21°♈49'10	-1.8m
min. Earth dist.	-8924 Dec 22 j 14:15	19°♈34'17	0.55588 AU
direct	-8923 Jan 24 j 04:35	12°♈49'30	
	-8923 Mar 22 j 22:56	0°♉	
	-8923 May 11 j 23:40	0°♊	
	-8923 Jun 23 j 09:46	0°♋	
desc. node	-8923 Jul 12 j 15:37	14°♋20'10	
	-8923 Aug 02 j 07:57	0°♌	
	-8923 Sep 10 j 16:04	0°♍	
	-8923 Oct 20 j 14:22	0°♎	
	-8923 Nov 30 j 21:37	0°♏	
evening set	-8923 Dec 27 j 03:10	18°♏24'37	
	-8922 Jan 13 j 00:16	0°♐	
conjunction	-8922 Feb 17 j 23:54	24°♐06'48	-1°02'15
minimum elong	-8922 Feb 18 j 01:28	24°♐09'22	1°02'49
	-8922 Feb 26 j 22:36	0°♑	
max. Earth dist.	-8922 Mar 07 j 19:56	5°♑48'38	2.62462 AU
morning rise	-8922 Apr 08 j 22:16	26°♑32'09	
	-8922 Apr 14 j 08:16	0°♒	
	-8922 May 31 j 17:02	0°♓	
asc. node	-8922 Jun 26 j 01:09	15°♓51'56	
	-8922 Jul 18 j 19:43	0°♈	
	-8922 Sep 06 j 09:09	0°♉	
	-8922 Oct 31 j 01:09	0°♊	
retrograde	-8921 Jan 06 j 19:11	20°♊25'32	
opposition	-8921 Feb 08 j 02:50	14°♊29'36	6°12'12
greatest brilliancy	-8921 Feb 09 j 19:30	13°♊58'01	-2.5m
min. Earth dist.	-8921 Feb 15 j 14:13	12°♊11'12	0.43353 AU
direct	-8921 Mar 15 j 04:40	7°♊26'10	
	-8921 May 19 j 16:19	0°♋	
desc. node	-8921 May 30 j 20:23	6°♋37'00	
	-8921 Jul 05 j 14:40	0°♌	
	-8921 Aug 17 j 06:52	0°♍	
	-8921 Sep 28 j 10:02	0°♎	
	-8921 Nov 10 j 07:57	0°♏	
	-8921 Dec 24 j 14:32	0°♐	
	-8920 Feb 08 j 06:33	0°♑	
evening set	-8920 Feb 10 j 06:45	1°♑18'06	
	-8920 Mar 25 j 21:57	0°♒	
conjunction	-8920 Mar 30 j 04:09	2°♒43'26	-0°24'39
minimum elong	-8920 Mar 30 j 05:06	2°♒44'56	0°25'09
max. Earth dist.	-8920 Apr 01 j 00:46	3°♒54'45	2.66512 AU
	-8920 May 11 j 19:55	0°♓	
asc. node	-8920 May 12 j 17:10	0°♓34'01	
morning rise	-8920 May 16 j 00:07	2°♓40'32	
	-8920 Jun 27 j 09:12	0°♈	
	-8920 Aug 12 j 06:52	0°♉	
	-8920 Sep 26 j 16:49	0°♊	
	-8920 Nov 11 j 07:34	0°♋	
	-8920 Dec 29 j 00:47	0°♌	
	-8919 Mar 02 j 10:22	0°♍	
retrograde	-8919 Mar 24 j 14:01	3°♍07'17	
	-8919 Apr 16 j 04:01	30°℞♌	
desc. node	-8919 Apr 17 j 00:02	29°♌47'16	
min. Earth dist.	-8919 Apr 21 j 21:11	28°♌28'51	0.38571 AU
opposition	-8919 Apr 25 j 08:49	27°♌30'57	-0°39'33
greatest brilliancy	-8919 Apr 25 j 06:05	27°♌32'50	-2.9m
direct	-8919 May 25 j 12:36	22°♌22'59	
	-8919 Jul 01 j 00:03	0°♍	
	-8919 Aug 28 j 16:26	0°♎	
	-8919 Oct 16 j 08:08	0°♏	
	-8919 Dec 02 j 14:39	0°♐	
	-8918 Jan 18 j 23:00	0°♑	
	-8918 Mar 07 j 10:28	0°♒	
evening set	-8918 Mar 21 j 03:28	8°♒41'34	
asc. node	-8918 Mar 30 j 12:02	14°♒38'32	
	-8918 Apr 23 j 12:01	0°♓	
max. Earth dist.	-8918 Apr 25 j 10:02	1°♓14'02	2.65184 AU
conjunction	-8918 May 07 j 17:23	9°♓11'03	0°21'54
minimum elong	-8918 May 07 j 16:34	9°♓09'45	0°21'38
	-8918 Jun 08 j 12:15	0°♈	
morning rise	-8918 Jun 23 j 03:51	9°♈45'01	
	-8918 Jul 23 j 01:27	0°♉	
	-8918 Sep 04 j 02:28	0°♊	
	-8918 Oct 15 j 21:58	0°♋	
	-8918 Nov 26 j 00:11	0°♌	
	-8917 Jan 06 j 06:45	0°♍	
	-8917 Feb 18 j 15:04	0°♎	
desc. node	-8917 Mar 05 j 01:42	9°♎14'28	
	-8917 Apr 12 j 02:32	0°♏	
retrograde	-8917 May 24 j 11:34	10°♏44'31	
min. Earth dist.	-8917 Jun 22 j 18:17	4°♏56'41	0.48897 AU
greatest brilliancy	-8917 Jun 29 j 04:35	2°♏38'10	-2.2m
opposition	-8917 Jun 30 j 18:06	2°♏04'20	-5°40'51
	-8917 Jul 06 j 17:02	30°℞♎	
direct	-8917 Aug 03 j 08:19	25°♎00'26	
	-8917 Sep 02 j 00:33	0°♏	
	-8917 Nov 06 j 11:15	0°♐	
	-8917 Dec 28 j 15:24	0°♑	
asc. node	-8916 Feb 15 j 10:31	29°♑33'40	
	-8916 Feb 16 j 03:37	0°♒	
	-8916 Apr 04 j 00:06	0°♓	
evening set	-8916 Apr 28 j 13:46	15°♓51'02	
	-8916 May 20 j 01:04	0°♈	
max. Earth dist.	-8916 May 21 j 03:02	0°♈43'17	2.58652 AU
conjunction	-8916 Jun 16 j 05:48	18°♈22'20	1°01'14
minimum elong	-8916 Jun 16 j 04:16	18°♈19'43	1°01'20
	-8916 Jul 03 j 01:23	0°♉	
morning rise	-8916 Aug 04 j 14:28	23°♉06'26	
	-8916 Aug 14 j 02:28	0°♊	
	-8916 Sep 23 j 13:25	0°♋	
	-8916 Nov 02 j 00:25	0°♌	
	-8916 Dec 11 j 05:51	0°♍	
desc. node	-8915 Jan 19 j 23:34	29°♍49'23	
	-8915 Jan 20 j 05:20	0°♎	
	-8915 Mar 03 j 08:21	0°♏	
	-8915 Apr 19 j 14:49	0°♐	
retrograde	-8915 Jul 05 j 15:00	27°♐31'53	
min. Earth dist.	-8915 Aug 09 j 02:57	19°♐41'55	0.60074 AU
greatest brilliancy	-8915 Aug 13 j 11:14	17°♐58'42	-1.6m
opposition	-8915 Aug 14 j 06:07	17°♐40'00	-4°46'58
direct	-8915 Sep 20 j 12:16	9°♐01'23	
	-8915 Nov 29 j 11:55	0°♑	
asc. node	-8914 Jan 02 j 13:14	17°♑36'40	
	-8914 Jan 24 j 13:50	0°♒	
	-8914 Mar 15 j 13:40	0°♓	
	-8914 May 01 j 06:55	0°♈	
evening set	-8914 Jun 11 j 04:39	27°♈50'27	
	-8914 Jun 14 j 06:37	0°♉	
max. Earth dist.	-8914 Jun 26 j 18:11	8°♉50'08	2.47736 AU
	-8914 Jul 25 j 21:37	0°♊	
conjunction	-8914 Aug 03 j 06:41	6°♊12'55	1°09'53
minimum elong	-8914 Aug 03 j 07:51	6°♊15'05	1°10'22
	-8914 Sep 03 j 17:28	0°♋	
morning rise	-8914 Sep 29 j 21:43	20°♋12'41	
	-8914 Oct 12 j 11:37	0°♌	
	-8914 Nov 19 j 23:57	0°♍	
desc. node	-8914 Dec 07 j 16:44	13°♍39'42	
	-8914 Dec 29 j 03:43	0°♎	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

	-8913 Feb 07 j 20:56	0°♏	
	-8913 Mar 23 j 05:47	0°♐	
	-8913 May 10 j 07:10	0°♑	
	-8913 Jul 13 j 19:56	0°♒	
retrograde	-8913 Aug 10 j 20:51	4°♒29'38	
	-8913 Sep 05 j 19:06	30°℞♑	
min. Earth dist.	-8913 Sep 18 j 11:00	25°♑12'45	0.66010 AU
opposition	-8913 Sep 19 j 20:21	24°♑39'11	-2°19'42
greatest brilliancy	-8913 Sep 19 j 18:16	24°♑41'17	-1.4m
direct	-8913 Oct 29 j 12:52	15°♑06'29	
asc. node	-8913 Nov 20 j 18:30	17°♑53'01	
	-8913 Dec 25 j 14:53	0°♒	
	-8912 Feb 21 j 12:04	0°♓	
	-8912 Apr 10 j 08:34	0°♈	
	-8912 May 24 j 23:28	0°♉	
	-8912 Jul 05 j 15:29	0°♊	
evening set	-8912 Aug 02 j 16:51	21°♊07'18	
	-8912 Aug 14 j 06:27	0°♋	
	-8912 Sep 21 j 17:53	0°♌	
conjunction	-8912 Oct 02 j 20:57	8°♌44'33	0°16'22
minimum elong	-8912 Oct 02 j 22:29	8°♌47'33	0°16'50
max. Earth dist.	-8912 Oct 05 j 14:16	10°♌52'48	2.38018 AU
desc. node	-8912 Oct 24 j 11:09	25°♌40'41	
	-8912 Oct 29 j 23:54	0°♍	
morning rise	-8912 Dec 07 j 19:39	29°♍55'40	
	-8912 Dec 07 j 21:56	0°♎	
	-8911 Jan 17 j 07:09	0°♏	
	-8911 Feb 28 j 19:57	0°♐	
	-8911 Apr 15 j 04:29	0°♑	
	-8911 Jun 03 j 17:23	0°♒	
	-8911 Aug 04 j 05:16	0°♓	
retrograde	-8911 Sep 14 j 03:01	8°♓33'33	
asc. node	-8911 Oct 07 j 22:52	4°♓51'03	
	-8911 Oct 21 j 10:18	30°℞♒	
opposition	-8911 Oct 23 j 07:16	29°♒15'23	0°36'06
greatest brilliancy	-8911 Oct 23 j 08:11	29°♒14'29	-1.4m
min. Earth dist.	-8911 Oct 25 j 15:22	28°♒19'38	0.65840 AU
direct	-8911 Dec 03 j 05:00	19°♒17'13	
	-8910 Jan 18 j 14:58	0°♓	
	-8910 Mar 18 j 02:12	0°♈	
	-8910 May 04 j 00:34	0°♉	
	-8910 Jun 15 j 10:51	0°♊	
	-8910 Jul 25 j 07:57	0°♋	
	-8910 Sep 01 j 21:46	0°♌	
desc. node	-8910 Sep 11 j 08:29	7°♌24'22	
evening set	-8910 Oct 07 j 02:38	27°♌33'40	
	-8910 Oct 10 j 05:46	0°♍	
	-8910 Nov 18 j 06:27	0°♎	
conjunction	-8910 Dec 08 j 17:01	15°♎18'41	-0°57'00
minimum elong	-8910 Dec 08 j 14:07	15°♎13'19	0°57'04
	-8910 Dec 28 j 18:05	0°♏	
max. Earth dist.	-8909 Jan 21 j 02:42	16°♏41'22	2.48496 AU
morning rise	-8909 Feb 06 j 15:04	28°♏12'45	
	-8909 Feb 09 j 05:17	0°♐	
	-8909 Mar 25 j 22:15	0°♑	
	-8909 May 12 j 00:24	0°♒	
	-8909 Jul 01 j 05:08	0°♓	
asc. node	-8909 Aug 25 j 23:09	28°♓56'24	
	-8909 Aug 28 j 08:58	0°♈	
retrograde	-8909 Oct 23 j 09:00	14°♈31'03	
opposition	-8909 Nov 29 j 16:30	6°♈10'36	3°42'53
greatest brilliancy	-8909 Nov 30 j 09:02	5°♈54'49	-1.6m
min. Earth dist.	-8909 Dec 05 j 15:45	3°♈54'09	0.59564 AU
	-8909 Dec 16 j 23:19	30°℞♓	
direct	-8908 Jan 09 j 06:24	26°♓23'47	
	-8908 Feb 02 j 22:17	0°♈	
	-8908 Apr 06 j 20:56	0°♉	
	-8908 May 22 j 13:03	0°♊	
	-8908 Jul 02 j 16:31	0°♋	
desc. node	-8908 Jul 29 j 08:22	20°♋16'46	
	-8908 Aug 10 j 23:27	0°♌	
	-8908 Sep 18 j 20:42	0°♍	
	-8908 Oct 28 j 09:42	0°♎	
evening set	-8908 Dec 06 j 18:05	28°♎50'36	
	-8908 Dec 08 j 08:47	0°♏	
	-8907 Jan 20 j 04:36	0°♐	
conjunction	-8907 Jan 31 j 02:03	7°♐25'03	-1°10'19
minimum elong	-8907 Jan 31 j 02:58	7°♐26'36	1°10'49
max. Earth dist.	-8907 Feb 25 j 01:48	24°♐08'43	2.59411 AU
	-8907 Mar 05 j 22:51	0°♑	
morning rise	-8907 Mar 24 j 02:41	11°♑50'55	
	-8907 Apr 21 j 09:11	0°♒	
	-8907 Jun 08 j 03:40	0°♓	
asc. node	-8907 Jul 12 j 18:50	21°♓12'25	
	-8907 Jul 27 j 10:55	0°♈	
	-8907 Sep 18 j 10:41	0°♉	
retrograde	-8907 Dec 12 j 05:34	28°♉42'29	
opposition	-8906 Jan 15 j 04:42	21°♉58'34	6°11'59
greatest brilliancy	-8906 Jan 16 j 22:29	21°♉23'11	-2.2m
min. Earth dist.	-8906 Jan 23 j 11:40	19°♉10'43	0.48178 AU
direct	-8906 Feb 21 j 17:16	13°♉43'58	
	-8906 Apr 17 j 02:14	0°♊	
	-8906 Jun 05 j 06:09	0°♋	
desc. node	-8906 Jun 16 j 11:23	7°♋43'30	
	-8906 Jul 17 j 13:51	0°♌	
	-8906 Aug 27 j 07:26	0°♍	
	-8906 Oct 07 j 05:59	0°♎	
	-8906 Nov 18 j 08:06	0°♏	
	-8905 Jan 01 j 00:42	0°♐	
evening set	-8905 Jan 24 j 15:13	15°♐45'18	
	-8905 Feb 15 j 07:47	0°♑	
conjunction	-8905 Mar 15 j 17:24	18°♑23'51	-0°41'14
minimum elong	-8905 Mar 15 j 18:51	18°♑26'11	0°41'46
max. Earth dist.	-8905 Mar 23 j 11:20	23°♑22'45	2.65553 AU
	-8905 Apr 02 j 19:11	0°♒	
morning rise	-8905 May 02 j 10:40	18°♒56'02	
	-8905 May 19 j 19:14	0°♓	
asc. node	-8905 May 30 j 11:58	6°♓49'11	
	-8905 Jul 05 j 19:02	0°♈	
	-8905 Aug 21 j 16:03	0°♉	
	-8905 Oct 08 j 00:21	0°♊	
	-8905 Nov 26 j 20:01	0°♋	
	-8904 Feb 01 j 14:28	0°♌	
retrograde	-8904 Feb 23 j 02:25	2°♌45'07	
	-8904 Mar 15 j 12:12	30°℞♋	
opposition	-8904 Mar 24 j 17:04	27°♋38'36	3°05'27
greatest brilliancy	-8904 Mar 25 j 02:17	27°♋32'24	-2.9m
min. Earth dist.	-8904 Mar 26 j 15:30	27°♋07'24	0.38356 AU
direct	-8904 Apr 24 j 17:40	22°♋21'33	
desc. node	-8904 May 03 j 16:29	22°♋53'04	
	-8904 May 30 j 13:56	0°♌	
	-8904 Jul 26 j 05:54	0°♍	
	-8904 Sep 10 j 20:37	0°♎	
	-8904 Oct 26 j 03:36	0°♏	
	-8904 Dec 10 j 20:09	0°♐	
	-8903 Jan 26 j 08:28	0°♑	
evening set	-8903 Mar 05 j 22:21	24°♑36'07	
	-8903 Mar 14 j 09:57	0°♒	
max. Earth dist.	-8903 Apr 15 j 22:38	20°♒45'00	2.66344 AU
asc. node	-8903 Apr 16 j 05:13	20°♒55'32	

Attention, astronomical year style is used: The year -9399 in astronomical counting style is the year 9400 BCE in historical counting style.

conjunction	-8903 Apr 22 j 18:00	25°♒06'42	0°03'49
minimum elong	-8903 Apr 22 j 17:53	25°♒06'31	0°03'27
behind sun begin	-8903 Apr 21 j 22:44	24°♒35'50	
behind sun end	-8903 Apr 23 j 13:02	25°♒37'13	
	-8903 Apr 30 j 08:39	0°♓	
morning rise	-8903 Jun 08 j 00:41	25°♓05'03	
	-8903 Jun 15 j 12:21	0°♈	
	-8903 Jul 30 j 11:09	0°♉	
	-8903 Sep 12 j 04:34	0°♊	
	-8903 Oct 24 j 23:28	0°♋	
	-8903 Dec 06 j 10:13	0°♌	
	-8902 Jan 18 j 20:42	0°♍	
	-8902 Mar 08 j 19:39	0°♎	
desc. node	-8902 Mar 21 j 18:55	6°♎24'25	
retrograde	-8902 May 03 j 18:05	17°♎28'23	
min. Earth dist.	-8902 May 31 j 05:53	12°♎28'21	0.43996 AU
greatest brilliancy	-8902 Jun 06 j 16:46	10°♎21'16	-2.5m
opposition	-8902 Jun 08 j 02:03	9°♎53'42	-4°49'03
direct	-8902 Jul 10 j 02:23	3°♎39'53	
	-8902 Sep 25 j 18:26	0°♏	
	-8902 Nov 17 j 12:17	0°♐	
	-8901 Jan 06 j 01:29	0°♑	
	-8901 Feb 23 j 13:21	0°♒	
asc. node	-8901 Mar 04 j 02:14	5°♒20'30	
	-8901 Apr 12 j 00:25	0°♓	
evening set	-8901 Apr 14 j 00:20	1°♓16'50	
max. Earth dist.	-8901 May 11 j 02:57	18°♓51'30	2.61811 AU
	-8901 May 28 j 00:03	0°♈	
conjunction	-8901 May 31 j 22:06	2°♈36'41	0°47'59
minimum elong	-8901 May 31 j 20:35	2°♈34'10	0°47'56
	-8901 Jul 11 j 04:08	0°♉	
morning rise	-8901 Jul 18 j 15:01	5°♉11'23	
	-8901 Aug 22 j 12:45	0°♊	
	-8901 Oct 02 j 09:29	0°♋	
	-8901 Nov 11 j 07:37	0°♌	
	-8901 Dec 21 j 01:23	0°♍	
	-8900 Jan 30 j 17:44	0°♎	
desc. node	-8900 Feb 06 j 17:42	5°♎00'29	
	-8900 Mar 14 j 08:19	0°♏	
	-8900 May 06 j 17:43	0°♐	
retrograde	-8900 Jun 20 j 02:55	11°♐13'12	
min. Earth dist.	-8900 Jul 22 j 15:56	4°♐07'29	0.56207 AU
greatest brilliancy	-8900 Jul 28 j 00:20	2°♐03'22	-1.8m
opposition	-8900 Jul 29 j 04:03	1°♐36'31	-5°26'46
	-8900 Aug 02 j 09:37	30°℞♏	
direct	-8900 Sep 03 j 03:32	23°♏29'06	
	-8900 Oct 07 j 23:58	0°♐	
	-8900 Dec 11 j 17:43	0°♑	
asc. node	-8899 Jan 19 j 02:56	21°♑43'39	
	-8899 Feb 02 j 03:07	0°♒	
	-8899 Mar 23 j 01:08	0°♓	
	-8899 May 08 j 10:20	0°♈	
evening set	-8899 May 24 j 08:56	10°♈41'35	
max. Earth dist.	-8899 Jun 10 j 09:27	22°♈20'33	2.52442 AU
	-8899 Jun 21 j 09:29	0°♉	
conjunction	-8899 Jul 14 j 04:42	16°♉12'02	1°12'20
minimum elong	-8899 Jul 14 j 04:19	16°♉11'22	1°12'42
	-8899 Aug 02 j 03:47	0°♊	
morning rise	-8899 Sep 05 j 19:40	25°♊55'04	
	-8899 Sep 11 j 04:31	0°♋	
	-8899 Oct 20 j 03:54	0°♌	
	-8899 Nov 27 j 21:01	0°♍	
desc. node	-8899 Dec 24 j 14:09	20°♍27'45	
	-8898 Jan 06 j 05:27	0°♎	