Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2400 Oct 19 j 06:40	7°♎28'45	0°43'11
minimum elong	-2400 Oct 19 j 16:37	8°♎00'08	0°42'45
max. Earth dist.	-2400 Oct 21 j 02:58	9°♎48'24	1.70923 AU
	-2400 Nov 06 j 03:43	0°♏	
desc. node	-2400 Nov 07 j 11:42	1°♏40'34	
	-2400 Nov 30 j 01:14	0°♐	
evening rise	-2400 Nov 30 j 13:53	0°♐39'37	
	-2400 Dec 24 j 01:38	0°♑	
	-2399 Jan 17 j 06:08	0°♒	
	-2399 Feb 10 j 17:00	0°♓	
asc. node	-2399 Feb 28 j 11:11	21°♓29'14	
	-2399 Mar 07 j 13:45	0°♈	
	-2399 Apr 02 j 01:37	0°♉	
	-2399 Apr 28 j 14:29	0°♊	
	-2399 May 27 j 08:34	0°♋	
evening max el	-2399 May 29 j 22:16	2°♋28'35	45°31'25
desc. node	-2399 Jun 20 j 03:48	20°♋38'16	
	-2399 Jul 06 j 11:43	0°♌	
greatest brilliancy	-2399 Jul 08 j 03:30	0°♌35'29	-4.8m
retrograde	-2399 Jul 17 j 18:13	2°♌14'58	
	-2399 Jul 28 j 12:40	30°℞♋	
evening set	-2399 Aug 04 j 05:59	26°♋35'24	
inferior conj	-2399 Aug 07 j 19:23	24°♋27'09	-8°34'53
minimum elong	-2399 Aug 07 j 14:19	24°♋34'53	8°34'27
min. Earth dist.	-2399 Aug 08 j 05:45	24°♋11'19	0.27728 AU
morning rise	-2399 Aug 10 j 22:27	22°♋33'38	
direct	-2399 Aug 28 j 22:19	16°♋30'41	
greatest brilliancy	-2399 Sep 08 j 20:38	18°♋43'26	-4.9m
	-2399 Sep 27 j 05:27	0°♌	
asc. node	-2399 Oct 11 j 04:10	12°♌19'36	
morning max el	-2399 Oct 18 j 14:01	19°♌41'00	46°50'48
	-2399 Oct 28 j 09:20	0°♍	
	-2399 Nov 23 j 21:44	0°♎	
	-2399 Dec 19 j 03:43	0°♏	
	-2398 Jan 12 j 23:32	0°♐	
desc. node	-2398 Jan 30 j 21:15	21°♐44'37	
	-2398 Feb 06 j 16:14	0°♑	
	-2398 Mar 03 j 07:51	0°♒	
	-2398 Mar 27 j 22:40	0°♓	
	-2398 Apr 21 j 12:15	0°♈	
morning set	-2398 Apr 22 j 12:54	1°♈15'23	
	-2398 May 15 j 23:54	0°♉	
asc. node	-2398 May 23 j 21:22	9°♉42'02	
max. Earth dist.	-2398 May 25 j 15:54	11°♉52'48	1.73497 AU
superior conj	-2398 May 28 j 13:43	15°♉27'34	0°11'02
minimum elong	-2398 May 28 j 11:33	15°♉20'52	0°10'58
behind sun begin	-2398 May 27 j 19:26	14°♉31'17	
behind sun end	-2398 May 29 j 03:40	16°♉10'28	
	-2398 Jun 09 j 08:56	0°♊	
evening rise	-2398 Jul 03 j 05:29	29°♊29'50	
	-2398 Jul 03 j 15:13	0°♋	
	-2398 Jul 27 j 19:37	0°♌	
	-2398 Aug 20 j 23:47	0°♍	
desc. node	-2398 Sep 12 j 13:34	27°♍56'29	
	-2398 Sep 14 j 05:35	0°♎	
	-2398 Oct 08 j 14:52	0°♏	
	-2398 Nov 02 j 06:34	0°♐	
	-2398 Nov 27 j 11:42	0°♑	
	-2398 Dec 24 j 01:04	0°♒	
asc. node	-2397 Jan 03 j 13:20	11°♒02'22	
evening max el	-2397 Jan 05 j 11:08	12°♒58'13	46°24'05
	-2397 Jan 23 j 22:51	0°♓	
greatest brilliancy	-2397 Feb 13 j 16:05	12°♓59'01	-4.8m
retrograde	-2397 Feb 24 j 09:13	15°♓06'58	
evening set	-2397 Mar 13 j 17:27	9°♓19'17	
inferior conj	-2397 Mar 17 j 19:18	6°♓45'57	7°17'30
minimum elong	-2397 Mar 18 j 03:07	6°♓33'27	7°16'25
min. Earth dist.	-2397 Mar 17 j 22:29	6°♓40'52	0.29140 AU
morning rise	-2397 Mar 22 j 12:54	3°♓48'58	
	-2397 Mar 30 j 09:07	30°℞♒	
direct	-2397 Apr 08 j 08:40	28°♒23'54	
	-2397 Apr 17 j 18:33	0°♓	
greatest brilliancy	-2397 Apr 18 j 05:54	0°♓09'29	-4.7m
desc. node	-2397 Apr 25 j 06:18	3°♓13'59	
morning max el	-2397 May 27 j 03:10	28°♓07'00	45°47'43
	-2397 May 29 j 02:14	0°♈	
	-2397 Jun 26 j 21:28	0°♉	
	-2397 Jul 23 j 07:03	0°♊	
asc. node	-2397 Aug 16 j 06:48	28°♊32'20	
	-2397 Aug 17 j 11:47	0°♋	
	-2397 Sep 10 j 22:50	0°♌	
	-2397 Oct 04 j 23:37	0°♍	
	-2397 Oct 28 j 19:58	0°♎	
	-2397 Nov 21 j 15:58	0°♏	
morning set	-2397 Nov 25 j 07:57	4°♏36'30	
desc. node	-2397 Dec 05 j 23:35	17°♏58'54	
	-2397 Dec 15 j 13:47	0°♐	
superior conj	-2396 Jan 06 j 09:01	27°♐14'26	-1°04'43
minimum elong	-2396 Jan 05 j 21:51	26°♐39'36	1°04'25
	-2396 Jan 08 j 14:10	0°♑	
max. Earth dist.	-2396 Jan 10 j 17:42	2°♑40'31	1.71986 AU
	-2396 Feb 01 j 17:27	0°♒	
evening rise	-2396 Feb 15 j 07:07	16°♒47'19	
	-2396 Feb 26 j 00:12	0°♓	
	-2396 Mar 21 j 11:15	0°♈	
asc. node	-2396 Mar 27 j 23:22	7°♈56'11	
	-2396 Apr 15 j 03:35	0°♉	
	-2396 May 10 j 02:32	0°♊	
	-2396 Jun 04 j 10:39	0°♋	
	-2396 Jun 30 j 09:55	0°♌	
desc. node	-2396 Jul 17 j 15:31	19°♌13'07	
	-2396 Jul 27 j 15:49	0°♍	
evening max el	-2396 Aug 11 j 07:17	14°♍58'59	46°52'16
	-2396 Aug 27 j 16:12	0°♎	
greatest brilliancy	-2396 Sep 21 j 08:23	15°♎25'06	-4.9m
retrograde	-2396 Sep 30 j 12:12	17°♎00'27	
evening set	-2396 Oct 15 j 20:11	12°♎25'03	
inferior conj	-2396 Oct 21 j 01:45	9°♎20'29	-4°22'03
minimum elong	-2396 Oct 21 j 10:42	9°♎06'54	4°19'31
min. Earth dist.	-2396 Oct 21 j 06:38	9°♎13'05	0.26379 AU
morning rise	-2396 Oct 27 j 01:00	5°♎51'39	
asc. node	-2396 Nov 07 j 15:48	1°♎53'58	
direct	-2396 Nov 10 j 08:04	1°♎45'03	
greatest brilliancy	-2396 Nov 20 j 17:46	3°♎48'43	-4.9m
	-2396 Dec 25 j 23:05	0°♏	
morning max el	-2396 Dec 30 j 18:41	4°♏45'51	46°42'08
	-2395 Jan 23 j 12:26	0°♐	
	-2395 Feb 18 j 23:42	0°♑	
desc. node	-2395 Feb 27 j 09:04	9°♑43'23	
	-2395 Mar 16 j 16:31	0°♒	
	-2395 Apr 10 j 23:39	0°♓	
	-2395 May 05 j 23:53	0°♈	
	-2395 May 30 j 17:47	0°♉	
asc. node	-2395 Jun 20 j 09:11	25°♉16'35	
	-2395 Jun 24 j 05:17	0°♊	
morning set	-2395 Jun 28 j 13:20	5°♊20'48	
	-2395 Jul 18 j 10:40	0°♋	
max. Earth dist.	-2395 Jul 31 j 09:00	16°♋07'09	1.72027 AU

Command: swevents -p3 -doall -mpdf -eswe -b1.1.-2400 -n366732 -s0.5 -roundmin

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2395 Aug 04 j 07:09	21°♋01'19	1°20'17
minimum elong	-2395 Aug 04 j 01:47	20°♋44'33	1°20'17
	-2395 Aug 11 j 11:18	0°♌	
	-2395 Sep 04 j 09:20	0°♍	
evening rise	-2395 Sep 11 j 11:07	8°♍52'59	
	-2395 Sep 28 j 07:01	0°♎	
desc. node	-2395 Oct 10 j 01:45	14°♎45'57	
	-2395 Oct 22 j 06:01	0°♏	
	-2395 Nov 15 j 07:40	0°♐	
	-2395 Dec 09 j 13:50	0°♑	
	-2394 Jan 03 j 04:29	0°♒	
	-2394 Jan 28 j 11:25	0°♓	
asc. node	-2394 Jan 31 j 01:11	2°♓59'06	
	-2394 Feb 24 j 02:59	0°♈	
evening max el	-2394 Mar 17 j 08:44	21°♈48'11	45°17'26
	-2394 Mar 26 j 05:59	0°♉	
greatest brilliancy	-2394 Apr 23 j 21:29	19°♉10'20	-4.7m
retrograde	-2394 May 04 j 17:22	21°♉15'33	
evening set	-2394 May 19 j 15:47	16°♉58'41	
desc. node	-2394 May 22 j 18:01	15°♉12'52	
inferior conj	-2394 May 26 j 02:56	13°♉09'03	-0°47'04
minimum elong	-2394 May 26 j 01:12	13°♉11'44	0°46'31
min. Earth dist.	-2394 May 26 j 13:11	12°♉53'09	0.28849 AU
morning rise	-2394 Jun 01 j 10:12	9°♉23'37	
direct	-2394 Jun 16 j 20:33	4°♉51'06	
greatest brilliancy	-2394 Jun 27 j 18:24	6°♉59'30	-4.7m
	-2394 Jul 30 j 10:15	0°♊	
morning max el	-2394 Aug 05 j 08:52	5°♊40'15	46°14'36
	-2394 Aug 28 j 13:10	0°♋	
asc. node	-2394 Sep 12 j 18:40	17°♋16'49	
	-2394 Sep 23 j 14:47	0°♌	
	-2394 Oct 18 j 10:41	0°♍	
	-2394 Nov 11 j 17:27	0°♎	
	-2394 Dec 05 j 19:55	0°♏	
	-2394 Dec 29 j 22:33	0°♐	
desc. node	-2393 Jan 02 j 11:27	4°♐23'35	
	-2393 Jan 23 j 03:03	0°♑	
morning set	-2393 Feb 09 j 16:14	21°♑42'04	
	-2393 Feb 16 j 09:33	0°♒	
	-2393 Mar 12 j 17:48	0°♓	
superior conj	-2393 Mar 19 j 21:46	8°♓48'58	-1°11'50
minimum elong	-2393 Mar 20 j 06:05	9°♓14'32	1°11'39
max. Earth dist.	-2393 Mar 21 j 05:42	10°♓27'08	1.73452 AU
	-2393 Apr 06 j 03:31	0°♈	
asc. node	-2393 Apr 25 j 11:26	23°♈42'59	
evening rise	-2393 Apr 25 j 17:19	24°♈01'01	
	-2393 Apr 30 j 14:27	0°♉	
	-2393 May 25 j 02:21	0°♊	
	-2393 Jun 18 j 15:29	0°♋	
	-2393 Jul 13 j 07:01	0°♌	
	-2393 Aug 07 j 03:18	0°♍	
desc. node	-2393 Aug 15 j 03:31	9°♍35'27	
	-2393 Sep 01 j 08:20	0°♎	
	-2393 Sep 27 j 06:34	0°♏	
evening max el	-2393 Oct 24 j 02:24	29°♏05'21	47°30'15
	-2393 Oct 24 j 23:52	0°♐	
	-2393 Dec 01 j 10:24	0°♑	
greatest brilliancy	-2393 Dec 03 j 13:14	0°♑53'29	-4.9m
asc. node	-2393 Dec 06 j 03:35	1°♑47'39	
retrograde	-2393 Dec 14 j 04:56	3°♑03'48	
	-2393 Dec 26 j 07:55	30°℞♐	
evening set	-2393 Dec 29 j 20:27	28°♐06'29	
min. Earth dist.	-2392 Jan 02 j 22:07	25°♐37'25	0.27482 AU
inferior conj	-2392 Jan 04 j 01:03	24°♐54'57	6°24'34
minimum elong	-2392 Jan 03 j 15:30	25°♐10'02	6°22'33
morning rise	-2392 Jan 08 j 11:16	22°♐12'08	
direct	-2392 Jan 24 j 17:12	17°♐01'54	
greatest brilliancy	-2392 Feb 02 j 10:38	18°♐28'17	-4.8m
	-2392 Feb 22 j 16:16	0°♑	
morning max el	-2392 Mar 13 j 21:01	17°♑41'52	46°02'51
	-2392 Mar 26 j 04:33	0°♒	
desc. node	-2392 Mar 26 j 20:49	0°♒42'00	
	-2392 Apr 22 j 23:52	0°♓	
	-2392 May 19 j 07:11	0°♈	
	-2392 Jun 13 j 18:52	0°♉	
	-2392 Jul 08 j 16:26	0°♊	
asc. node	-2392 Jul 17 j 21:05	11°♊13'48	
	-2392 Aug 02 j 02:40	0°♋	
	-2392 Aug 26 j 04:20	0°♌	
morning set	-2392 Sep 06 j 22:33	14°♌46'05	
	-2392 Sep 19 j 00:51	0°♍	
	-2392 Oct 12 j 19:36	0°♎	
superior conj	-2392 Oct 16 j 16:44	4°♎53'35	0°46'31
minimum elong	-2392 Oct 17 j 03:06	5°♎26'18	0°46'05
max. Earth dist.	-2392 Oct 18 j 04:41	6°♎46'54	1.70922 AU
	-2392 Nov 05 j 15:05	0°♏	
desc. node	-2392 Nov 06 j 13:43	1°♏11'11	
evening rise	-2392 Nov 27 j 22:58	28°♏01'59	
	-2392 Nov 29 j 12:38	0°♐	
	-2392 Dec 23 j 13:04	0°♑	
	-2391 Jan 16 j 17:40	0°♒	
	-2391 Feb 10 j 04:47	0°♓	
asc. node	-2391 Feb 27 j 13:24	20°♓59'24	
	-2391 Mar 07 j 02:06	0°♈	
	-2391 Apr 01 j 15:08	0°♉	
	-2391 Apr 28 j 06:30	0°♊	
	-2391 May 27 j 07:34	0°♋	
evening max el	-2391 May 27 j 11:41	0°♋09'48	45°29'20
desc. node	-2391 Jun 19 j 05:50	19°♋24'47	
greatest brilliancy	-2391 Jul 05 j 16:07	28°♋15'21	-4.8m
retrograde	-2391 Jul 15 j 06:56	29°♋55'22	
evening set	-2391 Aug 01 j 16:13	24°♋20'24	
inferior conj	-2391 Aug 05 j 09:12	22°♋07'04	-8°28'31
minimum elong	-2391 Aug 05 j 03:21	22°♋16'00	8°27'59
min. Earth dist.	-2391 Aug 05 j 19:37	21°♋51'10	0.27777 AU
morning rise	-2391 Aug 08 j 14:13	20°♋10'35	
direct	-2391 Aug 26 j 12:13	14°♋09'36	
greatest brilliancy	-2391 Sep 06 j 11:59	16°♋23'06	-4.9m
	-2391 Sep 27 j 17:48	0°♌	
asc. node	-2391 Oct 10 j 06:17	11°♌22'43	
morning max el	-2391 Oct 16 j 02:47	17°♌13'13	46°50'09
	-2391 Oct 28 j 04:43	0°♍	
	-2391 Nov 23 j 13:10	0°♎	
	-2391 Dec 18 j 17:26	0°♏	
	-2390 Jan 12 j 12:17	0°♐	
desc. node	-2390 Jan 29 j 23:19	21°♐13'45	
	-2390 Feb 06 j 04:18	0°♑	
	-2390 Mar 02 j 19:27	0°♒	
	-2390 Mar 27 j 09:54	0°♓	
morning set	-2390 Apr 20 j 07:27	29°♓11'36	
	-2390 Apr 20 j 23:17	0°♈	
	-2390 May 15 j 10:51	0°♉	
asc. node	-2390 May 22 j 23:22	9°♉14'35	
max. Earth dist.	-2390 May 23 j 12:57	9°♉56'21	1.73530 AU
superior conj	-2390 May 26 j 08:43	13°♉24'43	0°08'00
minimum elong	-2390 May 26 j 07:07	13°♉19'50	0°07'58
behind sun begin	-2390 May 25 j 11:48	12°♉20'24	
behind sun end	-2390 May 27 j 02:27	14°♉19'17	
	-2390 Jun 08 j 19:54	0°♊	
evening rise	-2390 Jul 01 j 00:09	27°♊24'44	
	-2390 Jul 03 j 02:19	0°♋	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2390 Jul 27 j 06:57	0°♌	
	-2390 Aug 20 j 11:27	0°♍	
desc. node	-2390 Sep 11 j 15:44	27°♍25'59	
	-2390 Sep 13 j 17:39	0°♎	
	-2390 Oct 08 j 03:29	0°♏	
	-2390 Nov 01 j 20:00	0°♐	
	-2390 Nov 27 j 02:38	0°♑	
	-2390 Dec 23 j 19:37	0°♒	
asc. node	-2389 Jan 02 j 15:25	10°♒13'38	
evening max el	-2389 Jan 03 j 01:28	10°♒38'57	46°27'06
	-2389 Jan 24 j 09:39	0°♓	
greatest brilliancy	-2389 Feb 11 j 08:56	10°♓48'34	-4.8m
retrograde	-2389 Feb 22 j 02:04	12°♓57'12	
evening set	-2389 Mar 11 j 12:23	7°♓05'42	
inferior conj	-2389 Mar 15 j 12:02	4°♓35'52	7°26'48
minimum elong	-2389 Mar 15 j 19:28	4°♓24'00	7°25'49
min. Earth dist.	-2389 Mar 15 j 14:26	4°♓32'02	0.29120 AU
morning rise	-2389 Mar 20 j 02:40	1°♓43'24	
	-2389 Mar 23 j 04:21	30°℞♒	
direct	-2389 Apr 06 j 00:21	26°♒14'01	
greatest brilliancy	-2389 Apr 15 j 21:20	27°♒59'24	-4.7m
	-2389 Apr 20 j 19:04	0°♓	
desc. node	-2389 Apr 24 j 08:15	1°♓50'15	
morning max el	-2389 May 24 j 19:21	25°♓57'30	45°47'34
	-2389 May 28 j 23:38	0°♈	
	-2389 Jun 26 j 12:56	0°♉	
	-2389 Jul 22 j 20:23	0°♊	
asc. node	-2389 Aug 15 j 09:00	28°♊01'33	
	-2389 Aug 17 j 00:08	0°♋	
	-2389 Sep 10 j 10:41	0°♌	
	-2389 Oct 04 j 11:13	0°♍	
	-2389 Oct 28 j 07:25	0°♎	
	-2389 Nov 21 j 03:19	0°♏	
morning set	-2389 Nov 22 j 17:30	2°♏00'04	
desc. node	-2389 Dec 05 j 01:36	17°♏29'53	
	-2389 Dec 15 j 01:01	0°♐	
superior conj	-2388 Jan 03 j 19:45	24°♐43'26	-1°02'11
minimum elong	-2388 Jan 03 j 08:22	24°♐07'57	1°01'51
max. Earth dist.	-2388 Jan 08 j 02:22	0°♑03'17	1.71931 AU
	-2388 Jan 08 j 01:19	0°♑	
	-2388 Feb 01 j 04:34	0°♒	
evening rise	-2388 Feb 12 j 21:00	14°♒27'38	
	-2388 Feb 25 j 11:20	0°♓	
	-2388 Mar 20 j 22:30	0°♈	
asc. node	-2388 Mar 27 j 01:28	7°♈28'06	
	-2388 Apr 14 j 15:08	0°♉	
	-2388 May 09 j 14:39	0°♊	
	-2388 Jun 03 j 23:50	0°♋	
	-2388 Jun 30 j 01:06	0°♌	
desc. node	-2388 Jul 16 j 17:37	18°♌31'17	
	-2388 Jul 27 j 11:24	0°♍	
evening max el	-2388 Aug 08 j 20:35	12°♍35'08	46°49'23
	-2388 Aug 28 j 04:59	0°♎	
greatest brilliancy	-2388 Sep 18 j 20:23	12°♎54'25	-4.9m
retrograde	-2388 Sep 28 j 00:27	14°♎29'41	
evening set	-2388 Oct 13 j 10:53	9°♎50'09	
inferior conj	-2388 Oct 18 j 13:33	6°♎49'46	-4°43'28
minimum elong	-2388 Oct 18 j 23:00	6°♎35'26	4°40'51
min. Earth dist.	-2388 Oct 18 j 19:22	6°♎40'56	0.26401 AU
morning rise	-2388 Oct 24 j 10:56	3°♎23'54	
	-2388 Nov 01 j 19:31	30°℞♍	
asc. node	-2388 Nov 06 j 17:49	29°♍15'38	
direct	-2388 Nov 07 j 20:43	29°♍14'04	
	-2388 Nov 14 j 01:53	0°♎	
greatest brilliancy	-2388 Nov 18 j 06:51	1°♎18'46	-4.9m
	-2388 Dec 26 j 00:00	0°♏	
morning max el	-2388 Dec 28 j 09:07	2°♏22'40	46°43'17
	-2387 Jan 23 j 05:32	0°♐	
	-2387 Feb 18 j 13:57	0°♑	
desc. node	-2387 Feb 26 j 11:16	9°♑09'59	
	-2387 Mar 16 j 05:19	0°♒	
	-2387 Apr 10 j 11:36	0°♓	
	-2387 May 05 j 11:17	0°♈	
	-2387 May 30 j 04:52	0°♉	
asc. node	-2387 Jun 19 j 11:21	24°♉49'40	
	-2387 Jun 23 j 16:11	0°♊	
morning set	-2387 Jun 26 j 07:18	3°♊14'32	
	-2387 Jul 17 j 21:32	0°♋	
max. Earth dist.	-2387 Jul 28 j 23:35	13°♋48'52	1.72086 AU
superior conj	-2387 Aug 01 j 23:39	18°♋48'46	1°19'13
minimum elong	-2387 Aug 01 j 17:45	18°♋30'20	1°19'11
	-2387 Aug 10 j 22:15	0°♌	
	-2387 Sep 03 j 20:26	0°♍	
evening rise	-2387 Sep 08 j 23:49	6°♍27'13	
	-2387 Sep 27 j 18:17	0°♎	
desc. node	-2387 Oct 09 j 03:46	14°♎16'35	
	-2387 Oct 21 j 17:30	0°♏	
	-2387 Nov 14 j 19:23	0°♐	
	-2387 Dec 09 j 01:54	0°♑	
	-2386 Jan 02 j 17:08	0°♒	
	-2386 Jan 28 j 01:16	0°♓	
asc. node	-2386 Jan 30 j 03:23	2°♓24'58	
	-2386 Feb 23 j 19:46	0°♈	
evening max el	-2386 Mar 15 j 01:18	19°♈39'28	45°18'36
	-2386 Mar 26 j 09:38	0°♉	
greatest brilliancy	-2386 Apr 21 j 13:35	17°♉01'57	-4.7m
retrograde	-2386 May 02 j 09:22	19°♉06'53	
evening set	-2386 May 17 j 08:31	14°♉49'27	
desc. node	-2386 May 21 j 20:06	12°♉12'42	
inferior conj	-2386 May 23 j 19:07	10°♉59'57	-0°27'20
minimum elong	-2386 May 23 j 18:07	11°♉01'30	0°27'00
min. Earth dist.	-2386 May 24 j 05:28	10°♉43'52	0.28872 AU
morning rise	-2386 May 30 j 03:22	7°♉12'49	
direct	-2386 Jun 14 j 13:25	2°♉41'44	
greatest brilliancy	-2386 Jun 25 j 09:49	4°♉48'48	-4.7m
	-2386 Jul 30 j 10:23	0°♊	
morning max el	-2386 Aug 03 j 00:12	3°♊26'37	46°13'14
	-2386 Aug 28 j 05:25	0°♋	
asc. node	-2386 Sep 11 j 20:47	16°♋40'42	
	-2386 Sep 23 j 04:34	0°♌	
	-2386 Oct 17 j 23:21	0°♍	
	-2386 Nov 11 j 05:31	0°♎	
	-2386 Dec 05 j 07:35	0°♏	
	-2386 Dec 29 j 09:58	0°♐	
desc. node	-2385 Jan 01 j 13:38	3°♐55'06	
	-2385 Jan 22 j 14:13	0°♑	
morning set	-2385 Feb 07 j 05:38	19°♑21'12	
	-2385 Feb 15 j 20:30	0°♒	
	-2385 Mar 12 j 04:36	0°♓	
superior conj	-2385 Mar 17 j 14:20	6°♓39'06	-1°13'31
minimum elong	-2385 Mar 17 j 22:20	7°♓03'43	1°13'20
max. Earth dist.	-2385 Mar 19 j 03:50	8°♓34'28	1.73417 AU
	-2385 Apr 05 j 14:16	0°♈	
evening rise	-2385 Apr 23 j 11:48	21°♈57'27	
asc. node	-2385 Apr 24 j 13:26	23°♈15'59	
	-2385 Apr 30 j 01:16	0°♉	
	-2385 May 24 j 13:24	0°♊	
	-2385 Jun 18 j 02:53	0°♋	
	-2385 Jul 12 j 18:58	0°♌	
	-2385 Aug 06 j 16:03	0°♍	
desc. node	-2385 Aug 14 j 05:43	9°♍02'53	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2385 Aug 31 j 22:25	0°♎	
	-2385 Sep 26 j 23:10	0°♏	
evening max el	-2385 Oct 21 j 17:28	26°♏44'07	47°30'36
	-2385 Oct 24 j 23:05	0°♐	
greatest brilliancy	-2385 Dec 01 j 05:06	28°♐31'54	-4.9m
asc. node	-2385 Dec 05 j 05:42	29°♐49'33	
	-2385 Dec 05 j 23:07	0°♑	
retrograde	-2385 Dec 11 j 19:16	0°♑40'37	
	-2385 Dec 17 j 11:37	30°℞♐	
evening set	-2385 Dec 27 j 07:55	25°♐48'41	
min. Earth dist.	-2385 Dec 31 j 12:36	23°♐15'17	0.27405 AU
inferior conj	-2384 Jan 01 j 15:17	22°♐33'13	6°09'56
minimum elong	-2384 Jan 01 j 05:40	22°♐48'22	6°07'49
morning rise	-2384 Jan 06 j 04:10	19°♐46'24	
direct	-2384 Jan 22 j 06:40	14°♐41'34	
greatest brilliancy	-2384 Jan 31 j 00:47	16°♐08'18	-4.8m
	-2384 Feb 23 j 04:55	0°♑	
morning max el	-2384 Mar 11 j 10:14	15°♑22'40	46°04'01
desc. node	-2384 Mar 25 j 22:50	29°♑58'49	
	-2384 Mar 25 j 23:17	0°♒	
	-2384 Apr 22 j 14:24	0°♓	
	-2384 May 18 j 19:54	0°♈	
	-2384 Jun 13 j 06:40	0°♉	
	-2384 Jul 08 j 03:45	0°♊	
asc. node	-2384 Jul 16 j 23:15	10°♊46'10	
	-2384 Aug 01 j 13:43	0°♋	
	-2384 Aug 25 j 15:17	0°♌	
morning set	-2384 Sep 04 j 12:17	12°♌23'59	
	-2384 Sep 18 j 11:45	0°♍	
	-2384 Oct 12 j 06:31	0°♎	
superior conj	-2384 Oct 14 j 03:21	2°♎21'20	0°49'43
minimum elong	-2384 Oct 14 j 14:04	2°♎55'06	0°49'17
max. Earth dist.	-2384 Oct 15 j 06:08	3°♎45'45	1.70923 AU
	-2384 Nov 05 j 02:03	0°♏	
desc. node	-2384 Nov 05 j 15:47	0°♏43'11	
evening rise	-2384 Nov 25 j 08:20	25°♏26'27	
	-2384 Nov 28 j 23:40	0°♐	
	-2384 Dec 23 j 00:10	0°♑	
	-2383 Jan 16 j 04:53	0°♒	
	-2383 Feb 09 j 16:18	0°♓	
asc. node	-2383 Feb 26 j 15:26	20°♓29'51	
	-2383 Mar 06 j 14:13	0°♈	
	-2383 Apr 01 j 04:27	0°♉	
	-2383 Apr 27 j 22:25	0°♊	
evening max el	-2383 May 25 j 00:53	27°♊51'51	45°27'30
	-2383 May 27 j 07:07	0°♋	
desc. node	-2383 Jun 18 j 08:00	18°♋10'36	
greatest brilliancy	-2383 Jul 03 j 04:16	25°♋56'09	-4.8m
retrograde	-2383 Jul 12 j 20:13	27°♋37'29	
evening set	-2383 Jul 30 j 02:23	22°♋06'55	
inferior conj	-2383 Aug 02 j 23:05	19°♋48'25	-8°21'21
minimum elong	-2383 Aug 02 j 16:31	19°♋58'25	8°20'39
min. Earth dist.	-2383 Aug 03 j 09:23	19°♋32'43	0.27828 AU
morning rise	-2383 Aug 06 j 06:23	17°♋48'39	
direct	-2383 Aug 24 j 02:21	11°♋49'46	
greatest brilliancy	-2383 Sep 04 j 03:27	14°♋04'21	-4.9m
	-2383 Sep 28 j 02:31	0°♌	
asc. node	-2383 Oct 09 j 08:15	10°♌27'48	
morning max el	-2383 Oct 13 j 16:29	14°♌49'02	46°49'40
	-2383 Oct 27 j 23:11	0°♍	
	-2383 Nov 23 j 04:00	0°♎	
	-2383 Dec 18 j 06:38	0°♏	
	-2382 Jan 12 j 00:33	0°♐	
desc. node	-2382 Jan 29 j 01:30	20°♐44'27	
	-2382 Feb 05 j 15:57	0°♑	
	-2382 Mar 02 j 06:39	0°♒	
	-2382 Mar 26 j 20:49	0°♓	
morning set	-2382 Apr 18 j 01:46	27°♓07'58	
	-2382 Apr 20 j 10:00	0°♈	
	-2382 May 14 j 21:28	0°♉	
max. Earth dist.	-2382 May 21 j 11:12	8°♉04'35	1.73558 AU
asc. node	-2382 May 22 j 01:31	8°♉48'35	
superior conj	-2382 May 24 j 03:31	11°♉22'19	0°04'56
minimum elong	-2382 May 24 j 02:31	11°♉19'15	0°04'56
behind sun begin	-2382 May 23 j 05:20	10°♉14'05	
behind sun end	-2382 May 24 j 23:43	12°♉24'26	
	-2382 Jun 08 j 06:32	0°♊	
evening rise	-2382 Jun 28 j 18:52	25°♊20'51	
	-2382 Jul 02 j 13:05	0°♋	
	-2382 Jul 26 j 17:58	0°♌	
	-2382 Aug 19 j 22:49	0°♍	
desc. node	-2382 Sep 10 j 17:43	26°♍55'47	
	-2382 Sep 13 j 05:28	0°♎	
	-2382 Oct 07 j 15:51	0°♏	
	-2382 Nov 01 j 09:12	0°♐	
	-2382 Nov 26 j 17:21	0°♑	
	-2382 Dec 23 j 14:09	0°♒	
evening max el	-2382 Dec 31 j 16:35	8°♒22'56	46°30'10
asc. node	-2381 Jan 01 j 17:36	9°♒25'44	
	-2381 Jan 24 j 23:23	0°♓	
greatest brilliancy	-2381 Feb 09 j 01:14	8°♓38'47	-4.8m
retrograde	-2381 Feb 19 j 19:28	10°♓48'45	
evening set	-2381 Mar 09 j 07:19	4°♓53'27	
inferior conj	-2381 Mar 13 j 04:52	2°♓26'55	7°35'24
minimum elong	-2381 Mar 13 j 11:54	2°♓15'43	7°34'32
min. Earth dist.	-2381 Mar 13 j 06:06	2°♓24'57	0.29102 AU
	-2381 Mar 17 j 02:38	30°℞♒	
morning rise	-2381 Mar 17 j 16:36	29°♒39'01	
direct	-2381 Apr 03 j 16:36	24°♒05'18	
greatest brilliancy	-2381 Apr 13 j 12:32	25°♒50'10	-4.7m
	-2381 Apr 22 j 13:20	0°♓	
desc. node	-2381 Apr 23 j 10:23	0°♓30'28	
morning max el	-2381 May 22 j 12:22	23°♓50'57	45°47'22
	-2381 May 28 j 19:58	0°♈	
	-2381 Jun 26 j 03:54	0°♉	
	-2381 Jul 22 j 09:20	0°♊	
asc. node	-2381 Aug 14 j 11:06	27°♊31'25	
	-2381 Aug 16 j 12:08	0°♋	
	-2381 Sep 09 j 22:13	0°♌	
	-2381 Oct 03 j 22:32	0°♍	
	-2381 Oct 27 j 18:37	0°♎	
morning set	-2381 Nov 20 j 03:15	29°♎24'55	
	-2381 Nov 20 j 14:25	0°♏	
desc. node	-2381 Dec 04 j 03:47	17°♏02'02	
	-2381 Dec 14 j 12:01	0°♐	
superior conj	-2380 Jan 01 j 06:30	22°♐13'07	-0°59'31
minimum elong	-2381 Dec 31 j 19:01	21°♐37'19	0°59'11
max. Earth dist.	-2380 Jan 05 j 13:04	27°♐33'02	1.71873 AU
	-2380 Jan 07 j 12:13	0°♑	
	-2380 Jan 31 j 15:25	0°♒	
evening rise	-2380 Feb 10 j 11:04	12°♒09'20	
	-2380 Feb 24 j 22:12	0°♓	
	-2380 Mar 20 j 09:31	0°♈	
asc. node	-2380 Mar 26 j 03:29	7°♈00'32	
	-2380 Apr 14 j 02:29	0°♉	
	-2380 May 09 j 02:38	0°♊	
	-2380 Jun 03 j 12:56	0°♋	
	-2380 Jun 29 j 16:17	0°♌	
desc. node	-2380 Jul 15 j 19:48	17°♌49'50	
	-2380 Jul 27 j 07:20	0°♍	
evening max el	-2380 Aug 06 j 10:30	10°♍13'36	46°46'31

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2380 Aug 28 j 21:31	0°♎	
greatest brilliancy	-2380 Sep 16 j 08:16	10°♎24'47	-4.9m
retrograde	-2380 Sep 25 j 12:44	11°♎59'47	
evening set	-2380 Oct 11 j 01:52	7°♎16'14	
inferior conj	-2380 Oct 16 j 01:26	4°♎19'58	-5°04'12
minimum elong	-2380 Oct 16 j 11:20	4°♎04'58	5°01'31
min. Earth dist.	-2380 Oct 16 j 08:02	4°♎09'58	0.26425 AU
morning rise	-2380 Oct 21 j 20:41	0°♎57'11	
	-2380 Oct 23 j 17:13	30°℞♍	
direct	-2380 Nov 05 j 09:46	26°♍44'08	
asc. node	-2380 Nov 05 j 20:03	26°♍44'22	
greatest brilliancy	-2380 Nov 15 j 19:45	28°♍49'07	-4.9m
	-2380 Nov 18 j 14:40	0°♎	
	-2380 Dec 25 j 23:38	0°♏	
morning max el	-2380 Dec 25 j 23:10	29°♎58'51	46°44'21
	-2379 Jan 22 j 22:10	0°♐	
	-2379 Feb 18 j 03:54	0°♑	
desc. node	-2379 Feb 25 j 13:15	8°♑36'30	
	-2379 Mar 15 j 17:53	0°♒	
	-2379 Apr 09 j 23:21	0°♓	
	-2379 May 04 j 22:31	0°♈	
	-2379 May 29 j 15:48	0°♉	
asc. node	-2379 Jun 18 j 13:30	24°♉22'57	
	-2379 Jun 23 j 03:00	0°♊	
morning set	-2379 Jun 24 j 01:21	1°♊08'53	
	-2379 Jul 17 j 08:21	0°♋	
max. Earth dist.	-2379 Jul 26 j 12:39	11°♋26'05	1.72145 AU
superior conj	-2379 Jul 30 j 16:17	16°♋36'57	1°18'02
minimum elong	-2379 Jul 30 j 09:52	16°♋16'56	1°17'58
	-2379 Aug 10 j 09:09	0°♌	
	-2379 Sep 03 j 07:28	0°♍	
evening rise	-2379 Sep 06 j 12:39	4°♍02'10	
	-2379 Sep 27 j 05:29	0°♎	
desc. node	-2379 Oct 08 j 05:50	13°♎47'39	
	-2379 Oct 21 j 04:55	0°♏	
	-2379 Nov 14 j 07:05	0°♐	
	-2379 Dec 08 j 13:59	0°♑	
	-2378 Jan 02 j 05:51	0°♒	
	-2378 Jan 27 j 15:14	0°♓	
asc. node	-2378 Jan 29 j 05:28	1°♓50'15	
	-2378 Feb 23 j 12:51	0°♈	
evening max el	-2378 Mar 12 j 17:09	17°♈29'05	45°19'54
	-2378 Mar 26 j 15:00	0°♉	
greatest brilliancy	-2378 Apr 19 j 06:19	14°♉54'46	-4.7m
retrograde	-2378 Apr 30 j 01:11	16°♉58'59	
evening set	-2378 May 15 j 01:34	12°♉40'39	
desc. node	-2378 May 20 j 22:14	9°♉12'18	
inferior conj	-2378 May 21 j 11:31	8°♉51'37	-0°07'43
minimum elong	-2378 May 21 j 11:14	8°♉52'04	0°07'36
transit middle	-2378 May 21 j 11:14	8°♉52'04	0°07'36
transit begin	-2378 May 21 j 07:39	8°♉57'40	
transit end	-2378 May 21 j 14:50	8°♉46'28	
min. Earth dist.	-2378 May 21 j 22:12	8°♉35'00	0.28897 AU
morning rise	-2378 May 27 j 20:32	5°♉02'53	
direct	-2378 Jun 12 j 06:03	0°♉33'04	
greatest brilliancy	-2378 Jun 23 j 01:49	2°♉39'07	-4.7m
	-2378 Jul 30 j 09:32	0°♊	
morning max el	-2378 Jul 31 j 14:53	1°♊11'16	46°11'45
	-2378 Aug 27 j 21:32	0°♋	
asc. node	-2378 Sep 10 j 22:47	16°♋04'09	
	-2378 Sep 22 j 18:21	0°♌	
	-2378 Oct 17 j 12:02	0°♍	
	-2378 Nov 10 j 17:37	0°♎	
	-2378 Dec 04 j 19:20	0°♏	
	-2378 Dec 28 j 21:27	0°♐	
desc. node	-2378 Dec 31 j 15:42	3°♐25'57	
	-2377 Jan 22 j 01:30	0°♑	
morning set	-2377 Feb 04 j 18:45	16°♑58'58	
	-2377 Feb 15 j 07:36	0°♒	
	-2377 Mar 11 j 15:33	0°♓	
superior conj	-2377 Mar 15 j 06:51	4°♓28'38	-1°15'04
minimum elong	-2377 Mar 15 j 14:30	4°♓52'10	1°14'56
max. Earth dist.	-2377 Mar 17 j 00:25	6°♓36'30	1.73377 AU
	-2377 Apr 05 j 01:09	0°♈	
evening rise	-2377 Apr 21 j 06:18	19°♈53'32	
asc. node	-2377 Apr 23 j 15:38	22°♈49'15	
	-2377 Apr 29 j 12:13	0°♉	
	-2377 May 24 j 00:33	0°♊	
	-2377 Jun 17 j 14:26	0°♋	
	-2377 Jul 12 j 07:06	0°♌	
	-2377 Aug 06 j 05:06	0°♍	
desc. node	-2377 Aug 13 j 07:40	8°♍28'46	
	-2377 Aug 31 j 12:54	0°♎	
	-2377 Sep 26 j 16:23	0°♏	
evening max el	-2377 Oct 19 j 07:29	24°♏19'23	47°30'59
	-2377 Oct 24 j 23:41	0°♐	
greatest brilliancy	-2377 Nov 28 j 21:07	26°♐09'25	-4.9m
asc. node	-2377 Dec 04 j 07:51	27°♐45'51	
retrograde	-2377 Dec 09 j 09:15	28°♐16'34	
evening set	-2377 Dec 24 j 19:22	23°♐29'34	
min. Earth dist.	-2377 Dec 29 j 03:13	20°♐51'51	0.27331 AU
inferior conj	-2377 Dec 30 j 05:27	20°♐10'32	5°54'31
minimum elong	-2377 Dec 29 j 19:51	20°♐25'40	5°52'19
morning rise	-2376 Jan 03 j 21:01	17°♐19'49	
direct	-2376 Jan 19 j 19:39	12°♐20'02	
greatest brilliancy	-2376 Jan 28 j 15:20	13°♐47'45	-4.8m
	-2376 Feb 23 j 14:39	0°♑	
morning max el	-2376 Mar 08 j 23:20	13°♑02'10	46°05'15
desc. node	-2376 Mar 25 j 00:55	29°♑15'39	
	-2376 Mar 25 j 17:50	0°♒	
	-2376 Apr 22 j 05:02	0°♓	
	-2376 May 18 j 08:48	0°♈	
	-2376 Jun 12 j 18:40	0°♉	
	-2376 Jul 07 j 15:16	0°♊	
asc. node	-2376 Jul 16 j 01:20	10°♊17'38	
	-2376 Aug 01 j 01:00	0°♋	
	-2376 Aug 25 j 02:28	0°♌	
morning set	-2376 Sep 02 j 02:08	10°♌01'24	
	-2376 Sep 17 j 22:58	0°♍	
superior conj	-2376 Oct 11 j 13:50	29°♍47'29	0°52'49
minimum elong	-2376 Oct 12 j 00:46	0°♎22'00	0°52'23
	-2376 Oct 11 j 17:48	0°♎	
max. Earth dist.	-2376 Oct 12 j 08:45	0°♎47'08	1.70933 AU
desc. node	-2376 Nov 04 j 17:59	0°♏14'25	
	-2376 Nov 04 j 13:23	0°♏	
evening rise	-2376 Nov 22 j 17:17	22°♏48'28	
	-2376 Nov 28 j 11:03	0°♐	
	-2376 Dec 22 j 11:36	0°♑	
	-2375 Jan 15 j 16:28	0°♒	
	-2375 Feb 09 j 04:12	0°♓	
asc. node	-2375 Feb 25 j 17:29	19°♓59'09	
	-2375 Mar 06 j 02:46	0°♈	
	-2375 Mar 31 j 18:16	0°♉	
	-2375 Apr 27 j 15:00	0°♊	
evening max el	-2375 May 22 j 14:51	25°♊34'56	45°25'53
	-2375 May 27 j 08:11	0°♋	
desc. node	-2375 Jun 17 j 10:06	16°♋53'21	
greatest brilliancy	-2375 Jun 30 j 15:57	23°♋36'08	-4.8m
retrograde	-2375 Jul 10 j 10:13	25°♋19'27	
evening set	-2375 Jul 27 j 12:35	19°♋53'21	
inferior conj	-2375 Jul 31 j 13:06	17°♋29'28	-8°13'18

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2375 Jul 31 j 05:53	17°♋40'26	8°12'28	
min. Earth dist.	-2375 Jul 31 j 22:51	17°♋14'37	0.27877 AU	
morning rise	-2375 Aug 03 j 22:55	15°♋26'11		
direct	-2375 Aug 21 j 17:02	9°♋29'49		
greatest brilliancy	-2375 Sep 01 j 18:24	11°♋44'48	-4.9m	
	-2375 Sep 28 j 09:07	0°♌		
asc. node	-2375 Oct 08 j 10:32	9°♌33'53		
morning max el	-2375 Oct 11 j 07:09	12°♌26'39	46°48'52	
	-2375 Oct 27 j 17:36	0°♍		
	-2375 Nov 22 j 19:06	0°♎		
	-2375 Dec 17 j 20:13	0°♏		
	-2374 Jan 11 j 13:13	0°♐		
desc. node	-2374 Jan 28 j 03:31	20°♐13'26		
	-2374 Feb 05 j 03:59	0°♑		
	-2374 Mar 01 j 18:15	0°♒		
	-2374 Mar 26 j 08:07	0°♓		
morning set	-2374 Apr 15 j 19:54	25°♓02'36		
	-2374 Apr 19 j 21:07	0°♈		
	-2374 May 14 j 08:30	0°♉		
max. Earth dist.	-2374 May 19 j 10:18	6°♉14'10	1.73583 AU	
asc. node	-2374 May 21 j 03:40	8°♉21'16		
superior conj	-2374 May 21 j 22:17	9°♉18'33	0°01'51	
minimum elong	-2374 May 21 j 21:56	9°♉17'26	0°01'53	
behind sun begin	-2374 May 20 j 23:55	8°♉09'46		
behind sun end	-2374 May 22 j 19:56	10°♉25'06		
	-2374 Jun 07 j 17:35	0°♊		
evening rise	-2374 Jun 26 j 13:47	23°♊16'29		
	-2374 Jul 02 j 00:14	0°♋		
	-2374 Jul 26 j 05:21	0°♌		
	-2374 Aug 19 j 10:32	0°♍		
desc. node	-2374 Sep 09 j 19:52	26°♍25'06		
	-2374 Sep 12 j 17:38	0°♎		
	-2374 Oct 07 j 04:37	0°♏		
	-2374 Oct 31 j 22:52	0°♐		
	-2374 Nov 26 j 08:45	0°♑		
	-2374 Dec 23 j 09:48	0°♒		
evening max el	-2374 Dec 29 j 08:33	6°♒07'18	46°33'12	
asc. node	-2374 Dec 31 j 19:40	8°♒35'05		
	-2373 Jan 25 j 19:05	0°♓		
greatest brilliancy	-2373 Feb 06 j 17:16	6°♓26'42	-4.8m	
retrograde	-2373 Feb 17 j 12:53	8°♓37'53		
evening set	-2373 Mar 07 j 01:55	2°♓39'12		
inferior conj	-2373 Mar 10 j 21:27	0°♓15'40	7°43'22	
minimum elong	-2373 Mar 11 j 04:01	0°♓05'13	7°42'38	
min. Earth dist.	-2373 Mar 10 j 21:11	0°♓16'06	0.29078 AU	
	-2373 Mar 11 j 07:18	30°♑℞♒		
morning rise	-2373 Mar 15 j 06:18	27°♒32'18		
direct	-2373 Apr 01 j 09:05	21°♒54'34		
greatest brilliancy	-2373 Apr 11 j 02:48	23°♒38'09	-4.7m	
desc. node	-2373 Apr 22 j 12:36	29°♒11'42		
	-2373 Apr 23 j 19:19	0°♓		
morning max el	-2373 May 20 j 05:21	21°♓42'58	45°47'11	
	-2373 May 28 j 16:11	0°♈		
	-2373 Jun 25 j 19:06	0°♉		
	-2373 Jul 21 j 22:36	0°♊		
asc. node	-2373 Aug 13 j 13:07	27°♊00'04		
	-2373 Aug 16 j 00:27	0°♋		
	-2373 Sep 09 j 10:03	0°♌		
	-2373 Oct 03 j 10:07	0°♍		
	-2373 Oct 27 j 06:04	0°♎		
morning set	-2373 Nov 17 j 13:17	26°♎49'45		
	-2373 Nov 20 j 01:47	0°♏		
desc. node	-2373 Dec 03 j 05:51	16°♏32'56		
	-2373 Dec 13 j 23:20	0°♐		
superior conj	-2373 Dec 29 j 16:53	19°♐40'28	-0°56'42	
minimum elong	-2373 Dec 29 j 05:27	19°♐04'45	0°56'21	
max. Earth dist.	-2372 Jan 03 j 01:16	25°♐06'14	1.71822 AU	
	-2372 Jan 06 j 23:29	0°♑		
	-2372 Jan 31 j 02:39	0°♒		
evening rise	-2372 Feb 08 j 00:34	9°♒47'59		
	-2372 Feb 24 j 09:28	0°♓		
	-2372 Mar 19 j 20:55	0°♈		
asc. node	-2372 Mar 25 j 05:41	6°♈32'18		
	-2372 Apr 13 j 14:14	0°♉		
	-2372 May 08 j 15:03	0°♊		
	-2372 Jun 03 j 02:33	0°♋		
	-2372 Jun 29 j 08:07	0°♌		
desc. node	-2372 Jul 14 j 21:48	17°♌06'19		
	-2372 Jul 27 j 04:18	0°♍		
evening max el	-2372 Aug 04 j 00:32	7°♍51'27	46°43'38	
	-2372 Aug 29 j 20:03	0°♎		
greatest brilliancy	-2372 Sep 13 j 20:42	7°♎55'31	-4.9m	
retrograde	-2372 Sep 23 j 00:46	9°♎29'38		
evening set	-2372 Oct 08 j 17:06	4°♎42'19		
inferior conj	-2372 Oct 13 j 13:29	1°♎50'15	-5°24'06	
minimum elong	-2372 Oct 13 j 23:44	1°♎34'41	5°21'26	
min. Earth dist.	-2372 Oct 13 j 20:57	1°♎38'55	0.26447 AU	
	-2372 Oct 16 j 15:00	30°♑℞♍		
morning rise	-2372 Oct 19 j 06:17	28°♍30'40		
direct	-2372 Nov 02 j 22:39	24°♍14'27		
asc. node	-2372 Nov 04 j 22:07	24°♍19'13		
greatest brilliancy	-2372 Nov 13 j 08:47	26°♍19'30	-4.9m	
	-2372 Nov 20 j 21:01	0°♎		
morning max el	-2372 Dec 23 j 12:13	27°♎31'57	46°45'14	
	-2372 Dec 25 j 22:23	0°♏		
	-2371 Jan 22 j 14:41	0°♐		
	-2371 Feb 17 j 17:59	0°♑		
desc. node	-2371 Feb 24 j 15:22	8°♑02'51		
	-2371 Mar 15 j 06:41	0°♒		
	-2371 Apr 09 j 11:21	0°♓		
	-2371 May 04 j 10:01	0°♈		
	-2371 May 29 j 02:59	0°♉		
asc. node	-2371 Jun 17 j 15:30	23°♉55'06		
morning set	-2371 Jun 21 j 19:12	29°♉01'57		
	-2371 Jun 22 j 14:02	0°♊		
	-2371 Jul 16 j 19:24	0°♋		
max. Earth dist.	-2371 Jul 24 j 01:58	9°♋03'29	1.72208 AU	
superior conj	-2371 Jul 28 j 08:55	14°♋24'30	1°16'43	
minimum elong	-2371 Jul 28 j 02:02	14°♋03'03	1°16'39	
	-2371 Aug 09 j 20:17	0°♌		
	-2371 Sep 02 j 18:43	0°♍		
evening rise	-2371 Sep 04 j 01:43	1°♍37'11		
	-2371 Sep 26 j 16:54	0°♎		
desc. node	-2371 Oct 07 j 08:01	13°♎18'31		
	-2371 Oct 20 j 16:31	0°♏		
	-2371 Nov 13 j 18:55	0°♐		
	-2371 Dec 08 j 02:10	0°♑		
	-2370 Jan 01 j 18:40	0°♒		
	-2370 Jan 27 j 05:26	0°♓		
asc. node	-2370 Jan 28 j 07:30	1°♓15'00		
	-2370 Feb 23 j 06:28	0°♈		
evening max el	-2370 Mar 10 j 08:13	15°♈16'08	45°21'08	
	-2370 Mar 26 j 22:59	0°♉		
greatest brilliancy	-2370 Apr 16 j 23:10	12°♉46'52	-4.7m	
retrograde	-2370 Apr 27 j 16:53	14°♉50'30		
evening set	-2370 May 12 j 18:41	10°♉30'48		
inferior conj	-2370 May 19 j 03:54	6°♉42'42	0°11'51	
minimum elong	-2370 May 19 j 04:20	6°♉42'02	0°11'46	
transit middle	-2370 May 19 j 04:20	6°♉42'02	0°11'46	
transit begin	-2370 May 19 j 01:32	6°♉46'24		
transit end	-2370 May 19 j 07:08	6°♉37'40		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2370 May 19 j 15:10	6°♉25'07	0.28923 AU
desc. node	-2370 May 20 j 00:17	6°♉10'53	
morning rise	-2370 May 25 j 13:31	2°♉52'36	
	-2370 May 31 j 20:27	30°℞♈	
direct	-2370 Jun 09 j 22:06	28°♈23'39	
	-2370 Jun 19 j 08:31	0°♉	
greatest brilliancy	-2370 Jun 20 j 18:18	0°♉29'30	-4.7m
morning max el	-2370 Jul 29 j 05:14	28°♉54'47	46°10'22
	-2370 Jul 30 j 07:54	0°♊	
	-2370 Aug 27 j 13:30	0°♋	
asc. node	-2370 Sep 10 j 01:03	15°♋28'22	
	-2370 Sep 22 j 08:06	0°♌	
	-2370 Oct 17 j 00:45	0°♍	
	-2370 Nov 10 j 05:43	0°♎	
	-2370 Dec 04 j 07:03	0°♏	
	-2370 Dec 28 j 08:53	0°♐	
desc. node	-2370 Dec 30 j 17:44	2°♐56'51	
	-2369 Jan 21 j 12:41	0°♑	
morning set	-2369 Feb 02 j 08:05	14°♑37'32	
	-2369 Feb 14 j 18:35	0°♒	
	-2369 Mar 11 j 02:25	0°♓	
superior conj	-2369 Mar 12 j 23:33	2°♓18'54	-1°16'30
minimum elong	-2369 Mar 13 j 06:48	2°♓41'12	1°16'24
max. Earth dist.	-2369 Mar 14 j 19:45	4°♓34'51	1.73341 AU
	-2369 Apr 04 j 12:01	0°♈	
evening rise	-2369 Apr 19 j 00:47	17°♈49'36	
asc. node	-2369 Apr 22 j 17:45	22°♈22'14	
	-2369 Apr 28 j 23:10	0°♉	
	-2369 May 23 j 11:44	0°♊	
	-2369 Jun 17 j 01:59	0°♋	
	-2369 Jul 11 j 19:15	0°♌	
	-2369 Aug 05 j 18:11	0°♍	
desc. node	-2369 Aug 12 j 09:48	7°♍55'10	
	-2369 Aug 31 j 03:32	0°♎	
	-2369 Sep 26 j 09:55	0°♏	
evening max el	-2369 Oct 16 j 21:00	21°♏53'29	47°31'19
	-2369 Oct 25 j 01:29	0°♐	
greatest brilliancy	-2369 Nov 26 j 13:02	23°♐46'52	-4.9m
asc. node	-2369 Dec 03 j 09:56	25°♐37'27	
retrograde	-2369 Dec 06 j 23:31	25°♐52'55	
evening set	-2369 Dec 22 j 06:55	21°♐10'20	
min. Earth dist.	-2369 Dec 26 j 17:51	18°♐28'41	0.27255 AU
inferior conj	-2369 Dec 27 j 19:37	17°♐48'11	5°38'27
minimum elong	-2369 Dec 27 j 10:04	18°♐03'12	5°36'09
morning rise	-2368 Jan 01 j 13:52	14°♐53'48	
direct	-2368 Jan 17 j 08:23	9°♐58'44	
greatest brilliancy	-2368 Jan 26 j 05:54	11°♐27'49	-4.8m
	-2368 Feb 23 j 21:25	0°♑	
morning max el	-2368 Mar 06 j 13:02	10°♑43'49	46°06'38
desc. node	-2368 Mar 24 j 03:10	28°♑34'19	
	-2368 Mar 25 j 11:36	0°♒	
	-2368 Apr 21 j 19:15	0°♓	
	-2368 May 17 j 21:26	0°♈	
	-2368 Jun 12 j 06:29	0°♉	
	-2368 Jul 07 j 02:37	0°♊	
asc. node	-2368 Jul 15 j 03:26	9°♊49'38	
	-2368 Jul 31 j 12:06	0°♋	
	-2368 Aug 24 j 13:29	0°♌	
morning set	-2368 Aug 30 j 16:02	7°♌39'42	
	-2368 Sep 17 j 09:59	0°♍	
superior conj	-2368 Oct 09 j 00:20	27°♍14'19	0°55'48
minimum elong	-2368 Oct 09 j 11:25	27°♍49'16	0°55'24
max. Earth dist.	-2368 Oct 09 j 15:06	28°♍00'54	1.70946 AU
	-2368 Oct 11 j 04:53	0°♎	
desc. node	-2368 Nov 03 j 19:59	29°♎45'41	
	-2368 Nov 04 j 00:33	0°♏	
evening rise	-2368 Nov 20 j 02:15	20°♏11'06	
	-2368 Nov 27 j 22:15	0°♐	
	-2368 Dec 21 j 22:52	0°♑	
	-2367 Jan 15 j 03:50	0°♒	
	-2367 Feb 08 j 15:51	0°♓	
asc. node	-2367 Feb 24 j 19:44	19°♓29'59	
	-2367 Mar 05 j 15:01	0°♈	
	-2367 Mar 31 j 07:49	0°♉	
	-2367 Apr 27 j 07:31	0°♊	
evening max el	-2367 May 20 j 05:47	23°♊21'30	45°24'12
	-2367 May 27 j 10:11	0°♋	
desc. node	-2367 Jun 16 j 12:09	15°♋34'26	
greatest brilliancy	-2367 Jun 28 j 03:31	21°♋17'02	-4.7m
retrograde	-2367 Jul 08 j 00:31	23°♋02'16	
evening set	-2367 Jul 24 j 22:47	17°♋40'56	
inferior conj	-2367 Jul 29 j 03:10	15°♋11'27	-8°04'25
minimum elong	-2367 Jul 28 j 19:21	15°♋23'20	8°03'26
min. Earth dist.	-2367 Jul 29 j 12:11	14°♋57'43	0.27927 AU
morning rise	-2367 Aug 01 j 15:40	13°♋04'19	
direct	-2367 Aug 19 j 08:15	7°♋11'00	
greatest brilliancy	-2367 Aug 30 j 08:49	9°♋25'35	-4.9m
	-2367 Sep 28 j 13:23	0°♌	
asc. node	-2367 Oct 07 j 12:38	8°♌41'21	
morning max el	-2367 Oct 08 j 22:19	10°♌06'32	46°48'00
	-2367 Oct 27 j 11:18	0°♍	
	-2367 Nov 22 j 09:43	0°♎	
	-2367 Dec 17 j 09:22	0°♏	
	-2366 Jan 11 j 01:30	0°♐	
desc. node	-2366 Jan 27 j 05:38	19°♐43'42	
	-2366 Feb 04 j 15:40	0°♑	
	-2366 Mar 01 j 05:29	0°♒	
	-2366 Mar 25 j 19:02	0°♓	
morning set	-2366 Apr 13 j 14:24	22°♓59'31	
	-2366 Apr 19 j 07:49	0°♈	
	-2366 May 13 j 19:07	0°♉	
max. Earth dist.	-2366 May 17 j 10:36	4°♉28'42	1.73606 AU
superior conj	-2366 May 19 j 17:24	7°♉17'07	-0°01'14
minimum elong	-2366 May 19 j 17:37	7°♉17'48	0°01'11
behind sun begin	-2366 May 18 j 19:34	6°♉10'00	
behind sun end	-2366 May 20 j 15:41	8°♉25'36	
asc. node	-2366 May 20 j 05:42	7°♉54'56	
	-2366 Jun 07 j 04:13	0°♊	
evening rise	-2366 Jun 24 j 08:56	21°♊14'02	
	-2366 Jul 01 j 11:03	0°♋	
	-2366 Jul 25 j 16:26	0°♌	
	-2366 Aug 18 j 21:59	0°♍	
desc. node	-2366 Sep 08 j 22:00	25°♍55'17	
	-2366 Sep 12 j 05:31	0°♎	
	-2366 Oct 06 j 17:07	0°♏	
	-2366 Oct 31 j 12:20	0°♐	
	-2366 Nov 26 j 00:00	0°♑	
	-2366 Dec 23 j 05:40	0°♒	
evening max el	-2366 Dec 27 j 00:59	3°♒53'41	46°36'10
asc. node	-2366 Dec 30 j 21:47	7°♒44'42	
	-2365 Jan 26 j 21:21	0°♓	
greatest brilliancy	-2365 Feb 04 j 09:53	4°♓16'16	-4.8m
retrograde	-2365 Feb 15 j 06:16	6°♓27'53	
evening set	-2365 Mar 04 j 20:29	0°♓26'21	
	-2365 Mar 05 j 13:36	30°℞♒	
inferior conj	-2365 Mar 08 j 14:04	28°♒05'32	7°50'49
minimum elong	-2365 Mar 08 j 20:07	27°♒55'53	7°50'12
min. Earth dist.	-2365 Mar 08 j 12:13	28°♒08'28	0.29047 AU
morning rise	-2365 Mar 12 j 20:00	25°♒26'33	
direct	-2365 Mar 30 j 01:43	19°♒45'15	
greatest brilliancy	-2365 Apr 08 j 16:37	21°♒26'51	-4.7m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2365 Apr 21 j 14:34	27°♒56'16	
	-2365 Apr 24 j 16:19	0°♓	
morning max el	-2365 May 17 j 21:55	19°♓35'29	45°47'06
	-2365 May 28 j 11:14	0°♈	
	-2365 Jun 25 j 09:35	0°♉	
	-2365 Jul 21 j 11:18	0°♊	
asc. node	-2365 Aug 12 j 15:22	26°♊30'39	
	-2365 Aug 15 j 12:19	0°♋	
	-2365 Sep 08 j 21:32	0°♌	
	-2365 Oct 02 j 21:24	0°♍	
	-2365 Oct 26 j 17:14	0°♎	
morning set	-2365 Nov 14 j 23:05	24°♎14'43	
	-2365 Nov 19 j 12:51	0°♏	
desc. node	-2365 Dec 02 j 07:53	16°♏04'40	
	-2365 Dec 13 j 10:19	0°♐	
superior conj	-2365 Dec 27 j 02:57	17°♐07'44	-0°53'45
minimum elong	-2365 Dec 26 j 15:38	16°♐32'24	0°53'23
max. Earth dist.	-2365 Dec 31 j 14:53	22°♐44'45	1.71767 AU
	-2364 Jan 06 j 10:25	0°♑	
	-2364 Jan 30 j 13:34	0°♒	
evening rise	-2364 Feb 05 j 13:53	7°♒26'59	
	-2364 Feb 23 j 20:24	0°♓	
	-2364 Mar 19 j 07:58	0°♈	
asc. node	-2364 Mar 24 j 07:47	6°♈04'52	
	-2364 Apr 13 j 01:37	0°♉	
	-2364 May 08 j 03:05	0°♊	
	-2364 Jun 02 j 15:46	0°♋	
	-2364 Jun 28 j 23:40	0°♌	
desc. node	-2364 Jul 13 j 23:57	16°♌24'07	
	-2364 Jul 27 j 01:28	0°♍	
evening max el	-2364 Aug 01 j 13:40	5°♍28'31	46°40'27
	-2364 Aug 31 j 02:12	0°♎	
greatest brilliancy	-2364 Sep 11 j 09:29	5°♎27'37	-4.9m
retrograde	-2364 Sep 20 j 12:07	7°♎00'13	
evening set	-2364 Oct 06 j 08:19	2°♎08'59	
	-2364 Oct 09 j 23:58	30°℞♍	
inferior conj	-2364 Oct 11 j 01:29	29°♍21'15	-5°43'20
minimum elong	-2364 Oct 11 j 11:59	29°♍05'17	5°40'43
min. Earth dist.	-2364 Oct 11 j 10:07	29°♍08'08	0.26478 AU
morning rise	-2364 Oct 16 j 15:31	26°♍05'02	
direct	-2364 Oct 31 j 10:53	21°♍45'07	
asc. node	-2364 Nov 04 j 00:11	22°♍00'17	
greatest brilliancy	-2364 Nov 10 j 22:24	23°♍50'52	-4.9m
	-2364 Nov 22 j 08:25	0°♎	
morning max el	-2364 Dec 21 j 00:29	25°♎03'16	46°46'11
	-2364 Dec 25 j 20:07	0°♏	
	-2363 Jan 22 j 06:43	0°♐	
	-2363 Feb 17 j 07:41	0°♑	
desc. node	-2363 Feb 23 j 17:34	7°♑30'22	
	-2363 Mar 14 j 19:06	0°♒	
	-2363 Apr 08 j 23:00	0°♓	
	-2363 May 03 j 21:10	0°♈	
	-2363 May 28 j 13:50	0°♉	
asc. node	-2363 Jun 16 j 17:41	23°♉28'47	
morning set	-2363 Jun 19 j 13:29	26°♉57'27	
	-2363 Jun 22 j 00:44	0°♊	
	-2363 Jul 16 j 06:05	0°♋	
max. Earth dist.	-2363 Jul 21 j 18:04	6°♋50'48	1.72270 AU
superior conj	-2363 Jul 26 j 02:06	12°♋15'04	1°15'19
minimum elong	-2363 Jul 25 j 18:50	11°♋52'23	1°15'13
	-2363 Aug 09 j 07:03	0°♌	
evening rise	-2363 Sep 01 j 15:24	29°♌15'24	
	-2363 Sep 02 j 05:38	0°♍	
	-2363 Sep 26 j 04:02	0°♎	
desc. node	-2363 Oct 06 j 10:02	12°♎49'36	
	-2363 Oct 20 j 03:54	0°♏	
	-2363 Nov 13 j 06:36	0°♐	
	-2363 Dec 07 j 14:15	0°♑	
	-2362 Jan 01 j 07:27	0°♒	
	-2362 Jan 26 j 19:38	0°♓	
asc. node	-2362 Jan 27 j 09:45	0°♓40'30	
	-2362 Feb 23 j 00:18	0°♈	
evening max el	-2362 Mar 07 j 22:41	13°♈02'14	45°22'39
	-2362 Mar 27 j 09:31	0°♉	
greatest brilliancy	-2362 Apr 14 j 15:40	10°♉39'12	-4.7m
retrograde	-2362 Apr 25 j 08:52	12°♉42'59	
evening set	-2362 May 10 j 11:57	8°♉21'23	
inferior conj	-2362 May 16 j 20:19	4°♉34'36	0°31'21
minimum elong	-2362 May 16 j 21:28	4°♉32'49	0°31'04
min. Earth dist.	-2362 May 17 j 08:11	4°♉16'05	0.28946 AU
desc. node	-2362 May 19 j 02:23	3°♉10'31	
morning rise	-2362 May 23 j 06:26	0°♉43'30	
	-2362 May 24 j 15:09	30°℞♈	
direct	-2362 Jun 07 j 13:56	26°♈14'53	
greatest brilliancy	-2362 Jun 18 j 11:07	28°♈21'09	-4.7m
	-2362 Jun 22 j 08:24	0°♉	
morning max el	-2362 Jul 26 j 20:28	26°♉41'30	46°09'16
	-2362 Jul 30 j 05:05	0°♊	
	-2362 Aug 27 j 04:51	0°♋	
asc. node	-2362 Sep 09 j 03:07	14°♋53'17	
	-2362 Sep 21 j 21:24	0°♌	
	-2362 Oct 16 j 13:05	0°♍	
	-2362 Nov 09 j 17:34	0°♎	
	-2362 Dec 03 j 18:36	0°♏	
	-2362 Dec 27 j 20:13	0°♐	
desc. node	-2362 Dec 29 j 19:54	2°♐28'22	
	-2361 Jan 20 j 23:49	0°♑	
morning set	-2361 Jan 30 j 20:35	12°♑13'31	
	-2361 Feb 14 j 05:32	0°♒	
superior conj	-2361 Mar 10 j 15:38	0°♓07'23	-1°17'52
minimum elong	-2361 Mar 10 j 22:25	0°♓28'16	1°17'45
	-2361 Mar 10 j 13:14	0°♓	
max. Earth dist.	-2361 Mar 12 j 12:55	2°♓26'45	1.73301 AU
	-2361 Apr 03 j 22:48	0°♈	
evening rise	-2361 Apr 16 j 18:52	15°♈44'44	
asc. node	-2361 Apr 21 j 19:45	21°♈55'10	
	-2361 Apr 28 j 10:04	0°♉	
	-2361 May 22 j 22:51	0°♊	
	-2361 Jun 16 j 13:29	0°♋	
	-2361 Jul 11 j 07:20	0°♌	
	-2361 Aug 05 j 07:12	0°♍	
desc. node	-2361 Aug 11 j 12:00	7°♍22'08	
	-2361 Aug 30 j 18:06	0°♎	
	-2361 Sep 26 j 03:35	0°♏	
evening max el	-2361 Oct 14 j 10:47	19°♏28'57	47°31'25
	-2361 Oct 25 j 04:31	0°♐	
greatest brilliancy	-2361 Nov 24 j 04:04	21°♐22'57	-4.9m
asc. node	-2361 Dec 02 j 12:03	23°♐23'22	
retrograde	-2361 Dec 04 j 13:48	23°♐28'40	
evening set	-2361 Dec 19 j 18:18	18°♐49'54	
min. Earth dist.	-2361 Dec 24 j 08:04	16°♐04'43	0.27190 AU
inferior conj	-2361 Dec 25 j 09:30	15°♐24'52	5°21'24
minimum elong	-2361 Dec 25 j 00:06	15°♐39'36	5°19'03
morning rise	-2361 Dec 30 j 06:33	12°♐26'54	
direct	-2360 Jan 14 j 21:16	7°♐36'12	
greatest brilliancy	-2360 Jan 23 j 20:06	9°♐06'35	-4.8m
	-2360 Feb 24 j 02:22	0°♑	
morning max el	-2360 Mar 04 j 03:34	8°♑26'44	46°07'58
desc. node	-2360 Mar 23 j 05:07	27°♑52'09	
	-2360 Mar 25 j 05:12	0°♒	
	-2360 Apr 21 j 09:27	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2360 May 17 j 10:05	0°♈	
	-2360 Jun 11 j 18:18	0°♉	
	-2360 Jul 06 j 13:59	0°♊	
asc. node	-2360 Jul 14 j 05:34	9°♊21'38	
	-2360 Jul 30 j 23:14	0°♋	
	-2360 Aug 24 j 00:30	0°♌	
morning set	-2360 Aug 28 j 06:17	5°♌19'09	
	-2360 Sep 16 j 21:00	0°♍	
superior conj	-2360 Oct 06 j 11:25	24°♍43'01	0°58'38
minimum elong	-2360 Oct 06 j 22:32	25°♍18'07	0°58'15
max. Earth dist.	-2360 Oct 07 j 00:24	25°♍23'59	1.70954 AU
	-2360 Oct 10 j 15:56	0°♎	
desc. node	-2360 Nov 02 j 22:04	29°♎17'17	
	-2360 Nov 03 j 11:39	0°♏	
evening rise	-2360 Nov 17 j 11:39	17°♏35'08	
	-2360 Nov 27 j 09:25	0°♐	
	-2360 Dec 21 j 10:08	0°♑	
	-2359 Jan 14 j 15:18	0°♒	
	-2359 Feb 08 j 03:40	0°♓	
asc. node	-2359 Feb 23 j 21:44	18°♓59'29	
	-2359 Mar 05 j 03:32	0°♈	
	-2359 Mar 30 j 21:43	0°♉	
	-2359 Apr 27 j 00:36	0°♊	
evening max el	-2359 May 17 j 21:19	21°♊08'55	45°22'41
	-2359 May 27 j 14:04	0°♋	
desc. node	-2359 Jun 15 j 14:17	14°♋12'27	
greatest brilliancy	-2359 Jun 25 j 15:17	18°♋57'44	-4.7m
retrograde	-2359 Jul 05 j 14:35	20°♋44'23	
evening set	-2359 Jul 22 j 09:00	15°♋28'07	
inferior conj	-2359 Jul 26 j 17:09	12°♋52'53	-7°54'56
minimum elong	-2359 Jul 26 j 08:49	13°♋05'35	7°53'47
min. Earth dist.	-2359 Jul 27 j 01:28	12°♋40'14	0.27970 AU
morning rise	-2359 Jul 30 j 08:26	10°♋41'38	
direct	-2359 Aug 16 j 23:34	4°♋51'49	
greatest brilliancy	-2359 Aug 27 j 22:43	7°♋05'13	-4.8m
	-2359 Sep 28 j 16:12	0°♌	
morning max el	-2359 Oct 06 j 13:11	7°♌45'26	46°47'12
asc. node	-2359 Oct 06 j 14:38	7°♌49'07	
	-2359 Oct 27 j 04:45	0°♍	
	-2359 Nov 22 j 00:15	0°♎	
	-2359 Dec 16 j 22:30	0°♏	
	-2358 Jan 10 j 13:48	0°♐	
desc. node	-2358 Jan 26 j 07:46	19°♐13'48	
	-2358 Feb 04 j 03:26	0°♑	
	-2358 Feb 28 j 16:53	0°♒	
	-2358 Mar 25 j 06:10	0°♓	
morning set	-2358 Apr 11 j 08:27	20°♓54'16	
	-2358 Apr 18 j 18:47	0°♈	
	-2358 May 13 j 06:00	0°♉	
max. Earth dist.	-2358 May 15 j 09:18	2°♉37'30	1.73625 AU
superior conj	-2358 May 17 j 12:00	5°♉13'16	-0°04'20
minimum elong	-2358 May 17 j 12:51	5°♉15'53	0°04'15
behind sun begin	-2358 May 16 j 15:22	4°♉09'52	
behind sun end	-2358 May 18 j 10:20	6°♉21'55	
asc. node	-2358 May 19 j 07:51	7°♉28'03	
	-2358 Jun 06 j 15:08	0°♊	
evening rise	-2358 Jun 22 j 03:41	19°♊09'35	
	-2358 Jun 30 j 22:07	0°♋	
	-2358 Jul 25 j 03:47	0°♌	
	-2358 Aug 18 j 09:42	0°♍	
desc. node	-2358 Sep 07 j 23:59	25°♍24'05	
	-2358 Sep 11 j 17:43	0°♎	
	-2358 Oct 06 j 05:56	0°♏	
	-2358 Oct 31 j 02:06	0°♐	
	-2358 Nov 25 j 15:38	0°♑	
	-2358 Dec 23 j 02:18	0°♒	
evening max el	-2358 Dec 24 j 17:06	1°♒38'43	46°39'04
asc. node	-2358 Dec 29 j 23:58	6°♒53'11	
	-2357 Jan 28 j 11:29	0°♓	
greatest brilliancy	-2357 Feb 02 j 02:58	2°♓05'51	-4.8m
retrograde	-2357 Feb 12 j 23:15	4°♓17'05	
	-2357 Feb 27 j 13:58	30°℞♒	
evening set	-2357 Mar 02 j 14:55	28°♒13'11	
inferior conj	-2357 Mar 06 j 06:43	25°♒54'45	7°57'36
minimum elong	-2357 Mar 06 j 12:13	25°♒45'57	7°57'04
min. Earth dist.	-2357 Mar 06 j 03:32	25°♒59'49	0.29017 AU
morning rise	-2357 Mar 10 j 09:47	23°♒19'51	
direct	-2357 Mar 27 j 18:13	17°♒35'17	
greatest brilliancy	-2357 Apr 06 j 06:45	19°♒14'54	-4.7m
desc. node	-2357 Apr 20 j 16:42	26°♒42'24	
	-2357 Apr 25 j 08:23	0°♓	
morning max el	-2357 May 15 j 13:42	17°♓24'59	45°46'54
	-2357 May 28 j 06:12	0°♈	
	-2357 Jun 25 j 00:19	0°♉	
	-2357 Jul 21 j 00:19	0°♊	
asc. node	-2357 Aug 11 j 17:26	25°♊59'46	
	-2357 Aug 15 j 00:30	0°♋	
	-2357 Sep 08 j 09:17	0°♌	
	-2357 Oct 02 j 08:57	0°♍	
	-2357 Oct 26 j 04:40	0°♎	
morning set	-2357 Nov 12 j 08:56	21°♎38'55	
	-2357 Nov 19 j 00:12	0°♏	
desc. node	-2357 Dec 01 j 10:04	15°♏35'56	
	-2357 Dec 12 j 21:35	0°♐	
superior conj	-2357 Dec 24 j 13:08	14°♐34'31	-0°50'41
minimum elong	-2357 Dec 24 j 02:02	13°♐59'52	0°50'19
max. Earth dist.	-2357 Dec 29 j 03:43	20°♐19'56	1.71707 AU
	-2356 Jan 05 j 21:37	0°♑	
	-2356 Jan 30 j 00:43	0°♒	
evening rise	-2356 Feb 03 j 03:15	5°♒05'18	
	-2356 Feb 23 j 07:34	0°♓	
	-2356 Mar 18 j 19:19	0°♈	
asc. node	-2356 Mar 23 j 09:48	5°♈36'20	
	-2356 Apr 12 j 13:21	0°♉	
	-2356 May 07 j 15:34	0°♊	
	-2356 Jun 02 j 05:33	0°♋	
	-2356 Jun 28 j 15:56	0°♌	
desc. node	-2356 Jul 13 j 02:05	15°♌39'59	
	-2356 Jul 26 j 23:57	0°♍	
evening max el	-2356 Jul 30 j 01:46	3°♍01'51	46°37'24
	-2356 Sep 01 j 22:45	0°♎	
greatest brilliancy	-2356 Sep 08 j 22:37	2°♎59'00	-4.9m
retrograde	-2356 Sep 17 j 23:10	4°♎29'55	
	-2356 Oct 03 j 05:03	30°℞♍	
evening set	-2356 Oct 03 j 23:32	29°♍34'20	
inferior conj	-2356 Oct 08 j 13:28	26°♍51'21	-6°01'54
minimum elong	-2356 Oct 09 j 00:09	26°♍35'06	5°59'19
min. Earth dist.	-2356 Oct 08 j 23:31	26°♍36'04	0.26510 AU
morning rise	-2356 Oct 14 j 00:31	23°♍38'50	
direct	-2356 Oct 28 j 22:44	19°♍14'30	
asc. node	-2356 Nov 03 j 02:24	19°♍45'56	
greatest brilliancy	-2356 Nov 08 j 12:30	21°♍21'48	-4.9m
	-2356 Nov 23 j 10:09	0°♎	
morning max el	-2356 Dec 18 j 12:41	22°♎33'13	46°47'13
	-2356 Dec 25 j 17:27	0°♏	
	-2355 Jan 21 j 22:49	0°♐	
	-2355 Feb 16 j 21:33	0°♑	
desc. node	-2355 Feb 22 j 19:31	6°♑56'31	
	-2355 Mar 14 j 07:44	0°♒	
	-2355 Apr 08 j 10:52	0°♓	
	-2355 May 03 j 08:34	0°♈	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2355 May 28 j 00:59	0°♉	
asc. node	-2355 Jun 15 j 19:49	23°♉01'16	
morning set	-2355 Jun 17 j 07:36	24°♉51'20	
	-2355 Jun 21 j 11:48	0°♊	
	-2355 Jul 15 j 17:10	0°♋	
max. Earth dist.	-2355 Jul 19 j 11:09	4°♋40'02	1.72334 AU
superior conj	-2355 Jul 23 j 19:02	10°♋03'38	1°13'48
minimum elong	-2355 Jul 23 j 11:24	9°♋39'49	1°13'40
	-2355 Aug 08 j 18:12	0°♌	
evening rise	-2355 Aug 30 j 04:57	26°♌52'02	
	-2355 Sep 01 j 16:56	0°♍	
	-2355 Sep 25 j 15:31	0°♎	
desc. node	-2355 Oct 05 j 12:06	12°♎19'52	
	-2355 Oct 19 j 15:38	0°♏	
	-2355 Nov 12 j 18:38	0°♐	
	-2355 Dec 07 j 02:41	0°♑	
	-2355 Dec 31 j 20:35	0°♒	
asc. node	-2354 Jan 26 j 11:46	0°♓04'18	
	-2354 Jan 26 j 10:16	0°♓	
	-2354 Feb 22 j 18:50	0°♈	
evening max el	-2354 Mar 05 j 13:27	10°♈48'28	45°24'23
	-2354 Mar 28 j 00:01	0°♉	
greatest brilliancy	-2354 Apr 12 j 07:37	8°♉30'36	-4.7m
retrograde	-2354 Apr 23 j 01:24	10°♉35'21	
evening set	-2354 May 08 j 05:29	6°♉11'28	
inferior conj	-2354 May 14 j 12:52	2°♉26'09	0°50'43
minimum elong	-2354 May 14 j 14:43	2°♉23'16	0°50'13
min. Earth dist.	-2354 May 15 j 01:02	2°♉07'10	0.28973 AU
desc. node	-2354 May 18 j 04:32	0°♉11'00	
	-2354 May 18 j 11:52	30°℞♈	
morning rise	-2354 May 20 j 23:23	28°♈34'30	
direct	-2354 Jun 05 j 06:11	24°♈05'43	
greatest brilliancy	-2354 Jun 16 j 03:55	26°♈12'30	-4.7m
	-2354 Jun 24 j 03:25	0°♉	
morning max el	-2354 Jul 24 j 12:42	24°♉29'54	46°07'55
	-2354 Jul 30 j 01:56	0°♊	
	-2354 Aug 26 j 20:25	0°♋	
asc. node	-2354 Sep 08 j 05:09	14°♋17'05	
	-2354 Sep 21 j 11:00	0°♌	
	-2354 Oct 16 j 01:45	0°♍	
	-2354 Nov 09 j 05:43	0°♎	
	-2354 Dec 03 j 06:26	0°♏	
	-2354 Dec 27 j 07:47	0°♐	
desc. node	-2354 Dec 28 j 21:58	1°♐58'52	
	-2353 Jan 20 j 11:10	0°♑	
morning set	-2353 Jan 28 j 08:59	9°♑48'18	
	-2353 Feb 13 j 16:42	0°♒	
superior conj	-2353 Mar 08 j 07:46	27°♒55'14	-1°19'05
minimum elong	-2353 Mar 08 j 14:02	28°♒14'34	1°19'00
max. Earth dist.	-2353 Mar 10 j 05:53	0°♓17'16	1.73259 AU
	-2353 Mar 10 j 00:17	0°♓	
	-2353 Apr 03 j 09:49	0°♈	
evening rise	-2353 Apr 14 j 13:08	13°♈39'52	
asc. node	-2353 Apr 20 j 21:57	21°♈28'05	
	-2353 Apr 27 j 21:08	0°♉	
	-2353 May 22 j 10:08	0°♊	
	-2353 Jun 16 j 01:11	0°♋	
	-2353 Jul 10 j 19:43	0°♌	
	-2353 Aug 04 j 20:37	0°♍	
desc. node	-2353 Aug 10 j 13:55	6°♍47'12	
	-2353 Aug 30 j 09:13	0°♎	
	-2353 Sep 25 j 22:06	0°♏	
evening max el	-2353 Oct 12 j 01:36	17°♏06'00	47°31'30
	-2353 Oct 25 j 09:48	0°♐	
greatest brilliancy	-2353 Nov 21 j 18:34	18°♐57'05	-4.9m
asc. node	-2353 Dec 01 j 14:11	21°♐02'30	
retrograde	-2353 Dec 02 j 04:27	21°♐02'56	
evening set	-2353 Dec 17 j 05:42	16°♐27'49	
min. Earth dist.	-2353 Dec 21 j 21:51	13°♐39'36	0.27119 AU
inferior conj	-2353 Dec 22 j 23:10	13°♐00'03	5°03'36
minimum elong	-2353 Dec 22 j 14:00	13°♐14'24	5°01'14
morning rise	-2353 Dec 27 j 23:00	9°♐58'45	
direct	-2352 Jan 12 j 10:26	5°♐12'27	
greatest brilliancy	-2352 Jan 21 j 09:35	6°♐43'36	-4.8m
	-2352 Feb 24 j 05:47	0°♑	
morning max el	-2352 Mar 01 j 18:45	6°♑10'47	46°09'19
desc. node	-2352 Mar 22 j 07:15	27°♑10'34	
	-2352 Mar 24 j 22:33	0°♒	
	-2352 Apr 20 j 23:38	0°♓	
	-2352 May 16 j 22:45	0°♈	
	-2352 Jun 11 j 06:10	0°♉	
	-2352 Jul 06 j 01:24	0°♊	
asc. node	-2352 Jul 13 j 07:39	8°♊53'15	
	-2352 Jul 30 j 10:25	0°♋	
	-2352 Aug 23 j 11:38	0°♌	
morning set	-2352 Aug 25 j 20:44	2°♌59'00	
	-2352 Sep 16 j 08:11	0°♍	
superior conj	-2352 Oct 03 j 22:26	22°♍10'58	1°01'21
minimum elong	-2352 Oct 04 j 09:29	22°♍45'49	1°00'58
max. Earth dist.	-2352 Oct 04 j 07:30	22°♍39'33	1.70971 AU
	-2352 Oct 10 j 03:12	0°♎	
desc. node	-2352 Nov 02 j 00:15	28°♎48'33	
	-2352 Nov 02 j 22:59	0°♏	
evening rise	-2352 Nov 14 j 20:29	14°♏56'40	
	-2352 Nov 26 j 20:48	0°♐	
	-2352 Dec 20 j 21:34	0°♑	
	-2351 Jan 14 j 02:54	0°♒	
	-2351 Feb 07 j 15:37	0°♓	
asc. node	-2351 Feb 22 j 23:48	18°♓28'52	
	-2351 Mar 04 j 16:11	0°♈	
	-2351 Mar 30 j 11:48	0°♉	
	-2351 Apr 26 j 18:02	0°♊	
evening max el	-2351 May 15 j 13:13	18°♊57'29	45°21'17
	-2351 May 27 j 19:37	0°♋	
desc. node	-2351 Jun 14 j 16:24	12°♋48'22	
greatest brilliancy	-2351 Jun 23 j 03:59	16°♋40'35	-4.7m
retrograde	-2351 Jul 03 j 04:35	18°♋27'55	
evening set	-2351 Jul 19 j 19:39	13°♋16'56	
inferior conj	-2351 Jul 24 j 07:34	10°♋36'00	-7°44'43
minimum elong	-2351 Jul 23 j 22:47	10°♋49'25	7°43'24
min. Earth dist.	-2351 Jul 24 j 15:21	10°♋24'06	0.28013 AU
morning rise	-2351 Jul 28 j 01:40	8°♋20'19	
direct	-2351 Aug 14 j 15:00	2°♋34'25	
greatest brilliancy	-2351 Aug 25 j 13:01	4°♋46'27	-4.8m
	-2351 Sep 28 j 17:26	0°♌	
morning max el	-2351 Oct 04 j 03:20	5°♌22'55	46°46'02
asc. node	-2351 Oct 05 j 16:54	6°♌58'48	
	-2351 Oct 26 j 21:51	0°♍	
	-2351 Nov 21 j 14:43	0°♎	
	-2351 Dec 16 j 11:40	0°♏	
	-2350 Jan 10 j 02:10	0°♐	
desc. node	-2350 Jan 25 j 09:48	18°♐43'18	
	-2350 Feb 03 j 15:14	0°♑	
	-2350 Feb 28 j 04:16	0°♒	
	-2350 Mar 24 j 17:16	0°♓	
morning set	-2350 Apr 09 j 02:27	18°♓49'02	
	-2350 Apr 18 j 05:41	0°♈	
	-2350 May 12 j 16:49	0°♉	
max. Earth dist.	-2350 May 13 j 06:49	0°♉42'58	1.73640 AU
superior conj	-2350 May 15 j 06:48	3°♉10'21	-0°07'24

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2350 May 15 j 08:15	3°♉14'49	0°07'17
behind sun begin	-2350 May 14 j 12:23	2°♉13'45	
behind sun end	-2350 May 16 j 04:08	4°♉15'53	
asc. node	-2350 May 18 j 09:58	7°♉01'17	
	-2350 Jun 06 j 01:59	0°♊	
evening rise	-2350 Jun 19 j 22:47	17°♊06'34	
	-2350 Jun 30 j 09:06	0°♋	
	-2350 Jul 24 j 15:00	0°♌	
	-2350 Aug 17 j 21:16	0°♍	
desc. node	-2350 Sep 07 j 02:09	24°♍54'00	
	-2350 Sep 11 j 05:46	0°♎	
	-2350 Oct 05 j 18:39	0°♏	
	-2350 Oct 30 j 15:54	0°♐	
	-2350 Nov 25 j 07:31	0°♑	
evening max el	-2350 Dec 22 j 08:33	29°♑21'34	46°41'50
	-2350 Dec 22 j 23:46	0°♒	
asc. node	-2350 Dec 29 j 02:00	6°♒00'02	
greatest brilliancy	-2349 Jan 30 j 20:29	29°♒55'15	-4.8m
	-2349 Jan 31 j 01:28	0°♓	
retrograde	-2349 Feb 10 j 15:41	2°♓05'37	
	-2349 Feb 20 j 18:24	30°℞♒	
evening set	-2349 Feb 28 j 09:02	25°♒59'47	
inferior conj	-2349 Mar 03 j 23:13	23°♒43'36	8°03'40
minimum elong	-2349 Mar 04 j 04:09	23°♒35'43	8°03'15
min. Earth dist.	-2349 Mar 03 j 19:03	23°♒50'16	0.28980 AU
morning rise	-2349 Mar 07 j 23:31	21°♒12'36	
direct	-2349 Mar 25 j 10:03	15°♒24'59	
greatest brilliancy	-2349 Apr 03 j 21:12	17°♒03'09	-4.7m
desc. node	-2349 Apr 19 j 18:54	25°♒30'52	
	-2349 Apr 25 j 20:17	0°♓	
morning max el	-2349 May 13 j 04:40	15°♓12'49	45°46'52
	-2349 May 28 j 00:29	0°♈	
	-2349 Jun 24 j 14:39	0°♉	
	-2349 Jul 20 j 13:01	0°♊	
asc. node	-2349 Aug 10 j 19:26	25°♊29'31	
	-2349 Aug 14 j 12:23	0°♋	
	-2349 Sep 07 j 20:46	0°♌	
	-2349 Oct 01 j 20:12	0°♍	
	-2349 Oct 25 j 15:49	0°♎	
morning set	-2349 Nov 09 j 19:10	19°♎05'01	
	-2349 Nov 18 j 11:17	0°♏	
desc. node	-2349 Nov 30 j 12:07	15°♏07'38	
	-2349 Dec 12 j 08:38	0°♐	
superior conj	-2349 Dec 21 j 23:10	12°♐01'24	-0°47'30
minimum elong	-2349 Dec 21 j 12:25	11°♐27'46	0°47'08
max. Earth dist.	-2349 Dec 26 j 13:25	17°♐45'54	1.71655 AU
	-2348 Jan 05 j 08:38	0°♑	
	-2348 Jan 29 j 11:42	0°♒	
evening rise	-2348 Jan 31 j 16:04	2°♒42'14	
	-2348 Feb 22 j 18:35	0°♓	
	-2348 Mar 18 j 06:29	0°♈	
asc. node	-2348 Mar 22 j 12:00	5°♈08'52	
	-2348 Apr 12 j 00:55	0°♉	
	-2348 May 07 j 03:52	0°♊	
	-2348 Jun 01 j 19:11	0°♋	
	-2348 Jun 28 j 08:11	0°♌	
desc. node	-2348 Jul 12 j 04:06	14°♌55'48	
	-2348 Jul 26 j 22:58	0°♍	
evening max el	-2348 Jul 27 j 13:37	0°♍35'47	46°34'25
	-2348 Sep 04 j 22:53	0°♎	
greatest brilliancy	-2348 Sep 06 j 11:44	0°♎31'57	-4.9m
retrograde	-2348 Sep 15 j 10:32	2°♎01'48	
	-2348 Sep 25 j 12:38	30°℞♍	
evening set	-2348 Oct 01 j 14:57	27°♍01'24	
inferior conj	-2348 Oct 06 j 01:39	24°♍23'22	-6°19'26
minimum elong	-2348 Oct 06 j 12:26	24°♍06'59	6°16'57
min. Earth dist.	-2348 Oct 06 j 13:01	24°♍06'07	0.26545 AU
morning rise	-2348 Oct 11 j 09:36	21°♍15'05	
direct	-2348 Oct 26 j 10:50	16°♍45'40	
asc. node	-2348 Nov 02 j 04:26	17°♍38'46	
greatest brilliancy	-2348 Nov 06 j 02:52	18°♍54'57	-4.9m
	-2348 Nov 24 j 04:24	0°♎	
morning max el	-2348 Dec 16 j 01:37	20°♎06'18	46°48'10
	-2348 Dec 25 j 13:37	0°♏	
	-2347 Jan 21 j 14:18	0°♐	
	-2347 Feb 16 j 11:00	0°♑	
desc. node	-2347 Feb 21 j 21:40	6°♑24'10	
	-2347 Mar 13 j 20:03	0°♒	
	-2347 Apr 07 j 22:27	0°♓	
	-2347 May 02 j 19:41	0°♈	
	-2347 May 27 j 11:50	0°♉	
asc. node	-2347 Jun 14 j 21:49	22°♉34'21	
morning set	-2347 Jun 15 j 01:41	22°♉46'14	
	-2347 Jun 20 j 22:32	0°♊	
	-2347 Jul 15 j 03:54	0°♋	
max. Earth dist.	-2347 Jul 17 j 06:02	2°♋35'58	1.72396 AU
superior conj	-2347 Jul 21 j 12:05	7°♋53'43	1°12'09
minimum elong	-2347 Jul 21 j 04:07	7°♋28'53	1°12'01
	-2347 Aug 08 j 05:02	0°♌	
evening rise	-2347 Aug 27 j 18:57	24°♌31'13	
	-2347 Sep 01 j 03:55	0°♍	
	-2347 Sep 25 j 02:41	0°♎	
desc. node	-2347 Oct 04 j 14:17	11°♎51'32	
	-2347 Oct 19 j 03:01	0°♏	
	-2347 Nov 12 j 06:17	0°♐	
	-2347 Dec 06 j 14:44	0°♑	
	-2347 Dec 31 j 09:22	0°♒	
asc. node	-2346 Jan 25 j 13:50	29°♒29'07	
	-2346 Jan 26 j 00:40	0°♓	
	-2346 Feb 22 j 13:31	0°♈	
evening max el	-2346 Mar 03 j 05:01	8°♈37'27	45°26'03
	-2346 Mar 28 j 19:11	0°♉	
greatest brilliancy	-2346 Apr 09 j 23:08	6°♉22'06	-4.7m
retrograde	-2346 Apr 20 j 18:15	8°♉28'07	
evening set	-2346 May 05 j 23:06	4°♉01'55	
inferior conj	-2346 May 12 j 05:18	0°♉18'04	1°10'03
minimum elong	-2346 May 12 j 07:50	0°♉14'07	1°09'21
min. Earth dist.	-2346 May 12 j 17:30	29°♈59'04	0.28998 AU
	-2346 May 12 j 16:53	30°℞♈	
desc. node	-2346 May 17 j 06:34	27°♈13'32	
morning rise	-2346 May 18 j 16:06	26°♈26'15	
direct	-2346 Jun 02 j 22:51	21°♈57'07	
greatest brilliancy	-2346 Jun 13 j 20:11	24°♈04'00	-4.7m
	-2346 Jun 25 j 08:31	0°♉	
morning max el	-2346 Jul 22 j 05:27	22°♉20'46	46°06'39
	-2346 Jul 29 j 21:44	0°♊	
	-2346 Aug 26 j 11:22	0°♋	
asc. node	-2346 Sep 07 j 07:23	13°♋42'51	
	-2346 Sep 21 j 00:07	0°♌	
	-2346 Oct 15 j 13:59	0°♍	
	-2346 Nov 08 j 17:28	0°♎	
	-2346 Dec 02 j 17:52	0°♏	
	-2346 Dec 26 j 18:58	0°♐	
desc. node	-2346 Dec 28 j 00:00	1°♐30'27	
	-2345 Jan 19 j 22:07	0°♑	
morning set	-2345 Jan 25 j 21:29	7°♑24'31	
	-2345 Feb 13 j 03:29	0°♒	
superior conj	-2345 Mar 05 j 23:49	25°♒43'52	-1°20'11
minimum elong	-2345 Mar 06 j 05:33	26°♒01'32	1°20'08
max. Earth dist.	-2345 Mar 08 j 00:33	28°♒13'58	1.73223 AU
	-2345 Mar 09 j 10:58	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2345 Apr 02 j 20:30	0°♈		
evening rise	-2345 Apr 12 j 07:16	11°♈35'32		
asc. node	-2345 Apr 20 j 00:02	21°♈01'34		
	-2345 Apr 27 j 07:56	0°♉		
	-2345 May 21 j 21:11	0°♊		
	-2345 Jun 15 j 12:38	0°♋		
	-2345 Jul 10 j 07:50	0°♌		
	-2345 Aug 04 j 09:47	0°♍		
desc. node	-2345 Aug 09 j 16:06	6°♍13'49		
	-2345 Aug 30 j 00:10	0°♎		
	-2345 Sep 25 j 16:40	0°♏		
evening max el	-2345 Oct 09 j 17:17	14°♏46'19	47°31'24	
	-2345 Oct 25 j 16:41	0°♐		
greatest brilliancy	-2345 Nov 19 j 08:59	16°♐32'06	-4.9m	
retrograde	-2345 Nov 29 j 19:15	18°♐37'52		
asc. node	-2345 Nov 30 j 16:15	18°♐36'54		
evening set	-2345 Dec 14 j 17:16	14°♐06'27		
min. Earth dist.	-2345 Dec 19 j 11:35	11°♐15'19	0.27048 AU	
inferior conj	-2345 Dec 20 j 12:47	10°♐36'01	4°45'08	
minimum elong	-2345 Dec 20 j 03:54	10°♐49'52	4°42'45	
morning rise	-2345 Dec 25 j 15:20	7°♐31'23		
direct	-2344 Jan 09 j 23:57	2°♐49'41		
greatest brilliancy	-2344 Jan 18 j 22:48	4°♐21'05	-4.8m	
	-2344 Feb 24 j 07:13	0°♑		
morning max el	-2344 Feb 28 j 09:43	3°♑55'18	46°10'39	
desc. node	-2344 Mar 21 j 09:27	26°♑30'42		
	-2344 Mar 24 j 15:09	0°♒		
	-2344 Apr 20 j 13:19	0°♓		
	-2344 May 16 j 11:05	0°♈		
	-2344 Jun 10 j 17:45	0°♉		
	-2344 Jul 05 j 12:34	0°♊		
asc. node	-2344 Jul 12 j 09:45	8°♊25'36		
	-2344 Jul 29 j 21:23	0°♋		
	-2344 Aug 22 j 22:31	0°♌		
morning set	-2344 Aug 23 j 11:10	0°♌39'37		
	-2344 Sep 15 j 19:06	0°♍		
superior conj	-2344 Oct 01 j 09:39	19°♍40'29	1°03'55	
minimum elong	-2344 Oct 01 j 20:32	20°♍14'46	1°03'34	
max. Earth dist.	-2344 Oct 01 j 12:30	19°♍49'28	1.70986 AU	
	-2344 Oct 09 j 14:11	0°♎		
desc. node	-2344 Nov 01 j 02:15	28°♎20'04		
	-2344 Nov 02 j 10:02	0°♏		
evening rise	-2344 Nov 12 j 05:20	12°♏18'58		
	-2344 Nov 26 j 07:55	0°♐		
	-2344 Dec 20 j 08:48	0°♑		
	-2343 Jan 13 j 14:18	0°♒		
	-2343 Feb 07 j 03:21	0°♓		
asc. node	-2343 Feb 22 j 02:02	17°♓59'27		
	-2343 Mar 04 j 04:37	0°♈		
	-2343 Mar 30 j 01:45	0°♉		
	-2343 Apr 26 j 11:36	0°♊		
evening max el	-2343 May 13 j 04:14	16°♊44'22	45°19'43	
	-2343 May 28 j 03:17	0°♋		
desc. node	-2343 Jun 13 j 18:26	11°♋21'23		
greatest brilliancy	-2343 Jun 20 j 17:08	14°♋24'00	-4.7m	
retrograde	-2343 Jun 30 j 17:53	16°♋11'29		
evening set	-2343 Jul 17 j 06:10	11°♋05'48		
inferior conj	-2343 Jul 21 j 21:51	8°♋19'15	-7°33'38	
minimum elong	-2343 Jul 21 j 12:40	8°♋33'19	7°32'11	
min. Earth dist.	-2343 Jul 22 j 05:35	8°♋07'26	0.28055 AU	
morning rise	-2343 Jul 25 j 18:54	5°♋58'56		
direct	-2343 Aug 12 j 05:53	0°♋16'58		
greatest brilliancy	-2343 Aug 23 j 03:54	2°♋28'23	-4.8m	
	-2343 Sep 28 j 17:26	0°♌		
morning max el	-2343 Oct 01 j 16:19	2°♌57'46	46°45'01	
asc. node	-2343 Oct 04 j 18:57	6°♌08'59		
	-2343 Oct 26 j 14:30	0°♍		
	-2343 Nov 21 j 04:51	0°♎		
	-2343 Dec 16 j 00:33	0°♏		
	-2342 Jan 09 j 14:18	0°♐		
desc. node	-2342 Jan 24 j 11:55	18°♐13'38		
	-2342 Feb 03 j 02:51	0°♑		
	-2342 Feb 27 j 15:31	0°♒		
	-2342 Mar 24 j 04:13	0°♓		
morning set	-2342 Apr 06 j 20:31	16°♓44'22		
	-2342 Apr 17 j 16:27	0°♈		
max. Earth dist.	-2342 May 11 j 03:31	28°♈46'23	1.73656 AU	
	-2342 May 12 j 03:30	0°♉		
superior conj	-2342 May 13 j 01:45	1°♉08'19	-0°10'26	
minimum elong	-2342 May 13 j 03:49	1°♉14'37	0°10'18	
behind sun begin	-2342 May 12 j 10:48	0°♉22'22		
behind sun end	-2342 May 13 j 20:49	2°♉06'52		
asc. node	-2342 May 17 j 12:00	6°♉34'39		
	-2342 Jun 05 j 12:44	0°♊		
evening rise	-2342 Jun 17 j 18:00	15°♊04'12		
	-2342 Jun 29 j 20:02	0°♋		
	-2342 Jul 24 j 02:15	0°♌		
	-2342 Aug 17 j 08:54	0°♍		
desc. node	-2342 Sep 06 j 04:16	24°♍23'38		
	-2342 Sep 10 j 17:53	0°♎		
	-2342 Oct 05 j 07:27	0°♏		
	-2342 Oct 30 j 05:49	0°♐		
	-2342 Nov 24 j 23:36	0°♑		
evening max el	-2342 Dec 19 j 22:58	27°♑01'45	46°44'38	
	-2342 Dec 22 j 21:59	0°♒		
asc. node	-2342 Dec 28 j 04:07	5°♒06'11		
greatest brilliancy	-2341 Jan 28 j 14:02	27°♒44'31	-4.8m	
retrograde	-2341 Feb 08 j 07:52	29°♒54'14		
evening set	-2341 Feb 26 j 02:54	23°♒46'35		
inferior conj	-2341 Mar 01 j 15:46	21°♒32'26	8°09'02	
minimum elong	-2341 Mar 01 j 20:03	21°♒25'35	8°08'43	
min. Earth dist.	-2341 Mar 01 j 10:48	21°♒40'23	0.28943 AU	
morning rise	-2341 Mar 05 j 13:24	19°♒05'13		
direct	-2341 Mar 23 j 01:29	13°♒14'25		
greatest brilliancy	-2341 Apr 01 j 12:17	14°♒51'57	-4.7m	
desc. node	-2341 Apr 18 j 20:52	24°♒20'51		
	-2341 Apr 26 j 05:05	0°♓		
morning max el	-2341 May 10 j 19:32	13°♓00'21	45°47'02	
	-2341 May 27 j 18:19	0°♈		
	-2341 Jun 24 j 04:50	0°♉		
	-2341 Jul 20 j 01:40	0°♊		
asc. node	-2341 Aug 09 j 21:42	24°♊59'49		
	-2341 Aug 14 j 00:20	0°♋		
	-2341 Sep 07 j 08:22	0°♌		
	-2341 Oct 01 j 07:37	0°♍		
	-2341 Oct 25 j 03:07	0°♎		
morning set	-2341 Nov 07 j 05:06	16°♎29'35		
	-2341 Nov 17 j 22:31	0°♏		
desc. node	-2341 Nov 29 j 14:11	14°♏38'55		
	-2341 Dec 11 j 19:48	0°♐		
superior conj	-2341 Dec 19 j 08:53	9°♐26'50	-0°44'12	
minimum elong	-2341 Dec 18 j 22:33	8°♐54'31	0°43'49	
max. Earth dist.	-2341 Dec 23 j 21:05	15°♐05'08	1.71600 AU	
	-2340 Jan 04 j 19:46	0°♑		
	-2340 Jan 28 j 22:48	0°♒		
evening rise	-2340 Jan 29 j 04:45	0°♒18'25		
	-2340 Feb 22 j 05:44	0°♓		
	-2340 Mar 17 j 17:50	0°♈		
asc. node	-2340 Mar 21 j 14:04	4°♈40'33		
	-2340 Apr 11 j 12:40	0°♉		
	-2340 May 06 j 16:22	0°♊		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2340 Jun 01 j 09:04	0°♋		
	-2340 Jun 28 j 00:50	0°♌		
desc. node	-2340 Jul 11 j 06:16	14°♌11'02		
evening max el	-2340 Jul 25 j 01:29	28°♌09'33	46°31'20	
	-2340 Jul 26 j 23:11	0°♍		
greatest brilliancy	-2340 Sep 03 j 23:51	28°♍03'02	-4.9m	
retrograde	-2340 Sep 12 j 22:09	29°♍32'43		
evening set	-2340 Sep 29 j 06:13	24°♍27'02		
inferior conj	-2340 Oct 03 j 13:39	21°♍53'59	-6°36'13	
minimum elong	-2340 Oct 04 j 00:27	21°♍37'37	6°33'51	
min. Earth dist.	-2340 Oct 04 j 01:59	21°♍35'18	0.26588 AU	
morning rise	-2340 Oct 08 j 18:20	18°♍50'29		
direct	-2340 Oct 23 j 23:15	14°♍15'19		
asc. node	-2340 Nov 01 j 06:33	15°♍35'21		
greatest brilliancy	-2340 Nov 03 j 16:53	16°♍26'25	-4.9m	
	-2340 Nov 24 j 18:38	0°♎		
morning max el	-2340 Dec 13 j 15:25	17°♎40'22	46°49'08	
	-2340 Dec 25 j 09:35	0°♏		
	-2339 Jan 21 j 05:53	0°♐		
	-2339 Feb 16 j 00:35	0°♑		
desc. node	-2339 Feb 20 j 23:51	5°♑51'23		
	-2339 Mar 13 j 08:31	0°♒		
	-2339 Apr 07 j 10:14	0°♓		
	-2339 May 02 j 07:02	0°♈		
	-2339 May 26 j 22:56	0°♉		
morning set	-2339 Jun 12 j 20:07	20°♉41'29		
asc. node	-2339 Jun 14 j 00:01	22°♉07'16		
	-2339 Jun 20 j 09:31	0°♊		
	-2339 Jul 14 j 14:52	0°♋		
max. Earth dist.	-2339 Jul 15 j 01:20	0°♋32'31	1.72452 AU	
superior conj	-2339 Jul 19 j 05:30	5°♋44'13	1°10'25	
minimum elong	-2339 Jul 18 j 21:17	5°♋18'38	1°10'16	
	-2339 Aug 07 j 16:05	0°♌		
evening rise	-2339 Aug 25 j 09:21	22°♌10'59		
	-2339 Aug 31 j 15:08	0°♍		
	-2339 Sep 24 j 14:09	0°♎		
desc. node	-2339 Oct 03 j 16:16	11°♎21'42		
	-2339 Oct 18 j 14:45	0°♏		
	-2339 Nov 11 j 18:19	0°♐		
	-2339 Dec 06 j 03:13	0°♑		
	-2339 Dec 30 j 22:39	0°♒		
asc. node	-2338 Jan 24 j 16:04	28°♒52'59		
	-2338 Jan 25 j 15:39	0°♓		
	-2338 Feb 22 j 09:09	0°♈		
evening max el	-2338 Feb 28 j 21:12	6°♈26'56	45°27'54	
	-2338 Mar 29 j 22:06	0°♉		
greatest brilliancy	-2338 Apr 07 j 14:49	4°♉13'04	-4.7m	
retrograde	-2338 Apr 18 j 11:15	6°♉19'58		
evening set	-2338 May 03 j 16:57	1°♉51'33		
	-2338 May 06 j 21:55	30°♓℞		
inferior conj	-2338 May 09 j 21:46	28°♈09'07	1°29'13	
minimum elong	-2338 May 10 j 00:59	28°♈04'06	1°28'19	
min. Earth dist.	-2338 May 10 j 09:42	27°♈50'31	0.29021 AU	
morning rise	-2338 May 16 j 08:40	24°♈17'17		
desc. node	-2338 May 16 j 08:42	24°♈17'14		
direct	-2338 May 31 j 15:54	19°♈47'50		
greatest brilliancy	-2338 Jun 11 j 11:50	21°♈53'56	-4.7m	
	-2338 Jun 26 j 06:08	0°♉		
morning max el	-2338 Jul 19 j 22:22	20°♉11'18	46°05'26	
	-2338 Jul 29 j 17:18	0°♊		
	-2338 Aug 26 j 02:25	0°♋		
asc. node	-2338 Sep 06 j 09:26	13°♋07'25		
	-2338 Sep 20 j 13:26	0°♌		
	-2338 Oct 15 j 02:28	0°♍		
	-2338 Nov 08 j 05:31	0°♎		
	-2338 Dec 02 j 05:38	0°♏		
	-2338 Dec 26 j 06:31	0°♐		
desc. node	-2338 Dec 27 j 02:11	1°♐01'15		
	-2337 Jan 19 j 09:28	0°♑		
morning set	-2337 Jan 23 j 09:29	4°♑57'46		
	-2337 Feb 12 j 14:40	0°♒		
superior conj	-2337 Mar 03 j 15:23	23°♒29'42	-1°21'11	
minimum elong	-2337 Mar 03 j 20:31	23°♒45'33	1°21'08	
max. Earth dist.	-2337 Mar 05 j 20:29	26°♒13'22	1.73180 AU	
	-2337 Mar 08 j 22:03	0°♓		
	-2337 Apr 02 j 07:33	0°♈		
evening rise	-2337 Apr 10 j 01:08	9°♈29'17		
asc. node	-2337 Apr 19 j 02:04	20°♈33'46		
	-2337 Apr 26 j 19:06	0°♉		
	-2337 May 21 j 08:35	0°♊		
	-2337 Jun 15 j 00:30	0°♋		
	-2337 Jul 09 j 20:23	0°♌		
	-2337 Aug 03 j 23:24	0°♍		
desc. node	-2337 Aug 08 j 18:15	5°♍39'14		
	-2337 Aug 29 j 15:36	0°♎		
	-2337 Sep 25 j 12:00	0°♏		
evening max el	-2337 Oct 07 j 09:07	12°♏26'19	47°31'04	
	-2337 Oct 26 j 02:29	0°♐		
greatest brilliancy	-2337 Nov 16 j 23:33	14°♐06'22	-4.9m	
retrograde	-2337 Nov 27 j 09:42	16°♐11'23		
asc. node	-2337 Nov 29 j 18:23	16°♐04'23		
evening set	-2337 Dec 12 j 05:02	11°♐43'44		
min. Earth dist.	-2337 Dec 17 j 01:29	8°♐49'29	0.26981 AU	
inferior conj	-2337 Dec 18 j 02:21	8°♐10'43	4°26'03	
minimum elong	-2337 Dec 17 j 17:51	8°♐23'59	4°23'41	
morning rise	-2337 Dec 23 j 07:32	5°♐02'39		
direct	-2336 Jan 07 j 13:33	0°♐25'45		
greatest brilliancy	-2336 Jan 16 j 12:15	1°♐57'15	-4.8m	
	-2336 Feb 24 j 07:58	0°♑		
morning max el	-2336 Feb 25 j 23:54	1°♑36'25	46°11'53	
desc. node	-2336 Mar 20 j 11:26	25°♑49'22		
	-2336 Mar 24 j 07:56	0°♒		
	-2336 Apr 20 j 03:18	0°♓		
	-2336 May 15 j 23:42	0°♈		
	-2336 Jun 10 j 05:38	0°♉		
	-2336 Jul 05 j 00:02	0°♊		
asc. node	-2336 Jul 11 j 11:54	7°♊57'13		
	-2336 Jul 29 j 08:39	0°♋		
morning set	-2336 Aug 21 j 01:50	28°♋20'04		
	-2336 Aug 22 j 09:44	0°♌		
	-2336 Sep 15 j 06:19	0°♍		
superior conj	-2336 Sep 28 j 21:25	17°♍10'52	1°06'19	
minimum elong	-2336 Sep 29 j 08:03	17°♍44'22	1°06'01	
max. Earth dist.	-2336 Sep 28 j 15:07	16°♍50'58	1.71003 AU	
	-2336 Oct 09 j 01:27	0°♎		
desc. node	-2336 Oct 31 j 04:21	27°♎51'07		
	-2336 Nov 01 j 21:22	0°♏		
evening rise	-2336 Nov 09 j 14:30	9°♏41'30		
	-2336 Nov 25 j 19:18	0°♐		
	-2336 Dec 19 j 20:18	0°♑		
	-2335 Jan 13 j 02:00	0°♒		
	-2335 Feb 06 j 15:27	0°♓		
asc. node	-2335 Feb 21 j 04:02	17°♓28'12		
	-2335 Mar 03 j 17:29	0°♈		
	-2335 Mar 29 j 16:13	0°♉		
	-2335 Apr 26 j 05:59	0°♊		
evening max el	-2335 May 10 j 18:29	14°♊28'38	45°18'25	
	-2335 May 28 j 14:08	0°♋		
desc. node	-2335 Jun 12 j 20:36	9°♋51'00		
greatest brilliancy	-2335 Jun 18 j 06:38	12°♋07'25	-4.7m	
retrograde	-2335 Jun 28 j 07:20	13°♋55'14		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2335 Jul 14 j 16:57	8°♋54'22	
inferior conj	-2335 Jul 19 j 12:23	6°♋02'31	-7°22'00
minimum elong	-2335 Jul 19 j 02:50	6°♋17'08	7°20'23
min. Earth dist.	-2335 Jul 19 j 20:13	5°♋50'31	0.28098 AU
morning rise	-2335 Jul 23 j 12:23	3°♋37'39	
	-2335 Jul 30 j 18:20	30°℞♊	
direct	-2335 Aug 09 j 20:34	27°♊59'22	
	-2335 Aug 20 j 07:51	0°♋	
greatest brilliancy	-2335 Aug 20 j 19:33	0°♋11'00	-4.8m
	-2335 Sep 28 j 16:40	0°♌	
morning max el	-2335 Sep 29 j 05:15	0°♌31'48	46°44'03
asc. node	-2335 Oct 03 j 21:01	5°♌19'17	
	-2335 Oct 26 j 07:06	0°♍	
	-2335 Nov 20 j 19:04	0°♎	
	-2335 Dec 15 j 13:34	0°♏	
	-2334 Jan 09 j 02:34	0°♐	
desc. node	-2334 Jan 23 j 14:03	17°♐43'33	
	-2334 Feb 02 j 14:37	0°♑	
	-2334 Feb 27 j 02:56	0°♒	
	-2334 Mar 23 j 15:23	0°♓	
morning set	-2334 Apr 04 j 14:26	14°♓38'28	
	-2334 Apr 17 j 03:27	0°♈	
max. Earth dist.	-2334 May 08 j 23:20	26°♈46'21	1.73670 AU
superior conj	-2334 May 10 j 20:37	29°♈05'21	-0°13'28
minimum elong	-2334 May 10 j 23:16	29°♈13'29	0°13'18
behind sun begin	-2334 May 10 j 11:10	28°♈36'21	
behind sun end	-2334 May 11 j 11:22	29°♈50'37	
	-2334 May 11 j 14:25	0°♉	
asc. node	-2334 May 16 j 14:12	6°♉07'49	
	-2334 Jun 04 j 23:41	0°♊	
evening rise	-2334 Jun 15 j 13:10	13°♊01'15	
	-2334 Jun 29 j 07:10	0°♋	
	-2334 Jul 23 j 13:40	0°♌	
	-2334 Aug 16 j 20:43	0°♍	
desc. node	-2334 Sep 05 j 06:15	23°♍52'11	
	-2334 Sep 10 j 06:13	0°♎	
	-2334 Oct 04 j 20:31	0°♏	
	-2334 Oct 29 j 20:01	0°♐	
	-2334 Nov 24 j 16:06	0°♑	
evening max el	-2334 Dec 17 j 13:04	24°♑40'46	46°47'32
	-2334 Dec 22 j 21:12	0°♒	
asc. node	-2334 Dec 27 j 06:19	4°♒11'13	
greatest brilliancy	-2333 Jan 26 j 07:10	25°♒33'06	-4.8m
retrograde	-2333 Feb 06 j 00:20	27°♒43'00	
evening set	-2333 Feb 23 j 20:36	21°♒33'34	
inferior conj	-2333 Feb 27 j 08:23	19°♒21'15	8°13'43
minimum elong	-2333 Feb 27 j 12:01	19°♒15'27	8°13'29
min. Earth dist.	-2333 Feb 27 j 02:32	19°♒30'38	0.28906 AU
morning rise	-2333 Mar 03 j 03:37	16°♒57'45	
direct	-2333 Mar 20 j 16:54	11°♒03'45	
greatest brilliancy	-2333 Mar 30 j 03:40	12°♒41'08	-4.7m
desc. node	-2333 Apr 17 j 23:02	23°♒12'56	
	-2333 Apr 26 j 11:31	0°♓	
morning max el	-2333 May 08 j 11:01	10°♓49'05	45°47'11
	-2333 May 27 j 11:52	0°♈	
	-2333 Jun 23 j 18:59	0°♉	
	-2333 Jul 19 j 14:22	0°♊	
asc. node	-2333 Aug 08 j 23:45	24°♊29'23	
	-2333 Aug 13 j 12:17	0°♋	
	-2333 Sep 06 j 19:57	0°♌	
	-2333 Sep 30 j 19:01	0°♍	
	-2333 Oct 24 j 14:26	0°♎	
morning set	-2333 Nov 04 j 15:07	13°♎54'16	
	-2333 Nov 17 j 09:47	0°♏	
desc. node	-2333 Nov 28 j 16:20	14°♏10'24	
	-2333 Dec 11 j 07:02	0°♐	
superior conj	-2333 Dec 16 j 18:31	6°♐51'47	-0°40'47
minimum elong	-2333 Dec 16 j 08:41	6°♐21'01	0°40'24
max. Earth dist.	-2333 Dec 21 j 02:53	12°♐18'16	1.71546 AU
	-2332 Jan 04 j 06:55	0°♑	
evening rise	-2332 Jan 26 j 17:28	27°♑54'42	
	-2332 Jan 28 j 09:54	0°♒	
	-2332 Feb 21 j 16:51	0°♓	
	-2332 Mar 17 j 05:08	0°♈	
asc. node	-2332 Mar 20 j 16:09	4°♈12'24	
	-2332 Apr 11 j 00:24	0°♉	
	-2332 May 06 j 04:54	0°♊	
	-2332 May 31 j 23:03	0°♋	
	-2332 Jun 27 j 17:47	0°♌	
desc. node	-2332 Jul 10 j 08:23	13°♌25'33	
evening max el	-2332 Jul 22 j 14:19	25°♌46'06	46°28'25
	-2332 Jul 27 j 00:32	0°♍	
greatest brilliancy	-2332 Sep 01 j 11:25	25°♍34'20	-4.9m
retrograde	-2332 Sep 10 j 10:28	27°♍04'28	
evening set	-2332 Sep 26 j 21:37	21°♍53'31	
inferior conj	-2332 Oct 01 j 01:46	19°♍25'17	-6°52'06
minimum elong	-2332 Oct 01 j 12:29	19°♍09'04	6°49'52
min. Earth dist.	-2332 Oct 01 j 14:32	19°♍05'58	0.26634 AU
morning rise	-2332 Oct 06 j 03:02	16°♍26'53	
direct	-2332 Oct 21 j 12:19	11°♍45'52	
asc. node	-2332 Oct 31 j 08:46	13°♍37'36	
greatest brilliancy	-2332 Nov 01 j 06:20	13°♍57'54	-4.9m
	-2332 Nov 25 j 05:07	0°♎	
morning max el	-2332 Dec 11 j 05:54	15°♎16'27	46°49'52
	-2332 Dec 25 j 04:53	0°♏	
	-2331 Jan 20 j 21:10	0°♐	
	-2331 Feb 15 j 13:58	0°♑	
desc. node	-2331 Feb 20 j 01:47	5°♑18'14	
	-2331 Mar 12 j 20:48	0°♒	
	-2331 Apr 06 j 21:49	0°♓	
	-2331 May 01 j 18:11	0°♈	
	-2331 May 26 j 09:51	0°♉	
morning set	-2331 Jun 10 j 14:40	18°♉37'41	
asc. node	-2331 Jun 13 j 02:08	21°♉40'29	
	-2331 Jun 19 j 20:21	0°♊	
max. Earth dist.	-2331 Jul 12 j 19:12	28°♊25'10	1.72511 AU
	-2331 Jul 14 j 01:43	0°♋	
superior conj	-2331 Jul 16 j 22:57	3°♋35'18	1°08'37
minimum elong	-2331 Jul 16 j 14:32	3°♋09'08	1°08'25
	-2331 Aug 07 j 03:01	0°♌	
evening rise	-2331 Aug 22 j 23:46	19°♌51'11	
	-2331 Aug 31 j 02:13	0°♍	
	-2331 Sep 24 j 01:27	0°♎	
desc. node	-2331 Oct 02 j 18:24	10°♎52'46	
	-2331 Oct 18 j 02:19	0°♏	
	-2331 Nov 11 j 06:13	0°♐	
	-2331 Dec 05 j 15:35	0°♑	
	-2331 Dec 30 j 11:52	0°♒	
asc. node	-2330 Jan 23 j 18:05	28°♒16'24	
	-2330 Jan 25 j 06:40	0°♓	
	-2330 Feb 22 j 05:10	0°♈	
evening max el	-2330 Feb 26 j 13:47	4°♈17'51	45°29'52
	-2330 Mar 31 j 12:05	0°♉	
greatest brilliancy	-2330 Apr 05 j 07:14	2°♉05'48	-4.7m
retrograde	-2330 Apr 16 j 04:07	4°♉12'45	
	-2330 Apr 30 j 22:06	30°℞♈	
evening set	-2330 May 01 j 11:04	29°♈42'20	
inferior conj	-2330 May 07 j 14:21	26°♈01'22	1°48'08
minimum elong	-2330 May 07 j 18:12	25°♈55'21	1°47'04
min. Earth dist.	-2330 May 08 j 01:59	25°♈43'12	0.29039 AU
morning rise	-2330 May 14 j 01:08	22°♈09'33	
desc. node	-2330 May 15 j 10:48	21°♈24'54	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2330 May 29 j 09:07	17°♈39'59	
greatest brilliancy	-2330 Jun 09 j 03:07	19°♈44'34	-4.7m
	-2330 Jun 26 j 21:40	0°♉	
morning max el	-2330 Jul 17 j 14:37	18°♉01'13	46°04'04
	-2330 Jul 29 j 12:00	0°♊	
	-2330 Aug 25 j 17:03	0°♋	
asc. node	-2330 Sep 05 j 11:29	12°♋32'51	
	-2330 Sep 20 j 02:26	0°♌	
	-2330 Oct 14 j 14:42	0°♍	
	-2330 Nov 07 j 17:18	0°♎	
	-2330 Dec 01 j 17:08	0°♏	
	-2330 Dec 25 j 17:46	0°♐	
desc. node	-2330 Dec 26 j 04:15	0°♐32'38	
	-2329 Jan 18 j 20:32	0°♑	
morning set	-2329 Jan 20 j 21:15	2°♑31'07	
	-2329 Feb 12 j 01:36	0°♒	
superior conj	-2329 Mar 01 j 06:46	21°♒15'40	-1°22'03
minimum elong	-2329 Mar 01 j 11:15	21°♒29'28	1°22'02
max. Earth dist.	-2329 Mar 03 j 16:59	24°♒15'10	1.73136 AU
	-2329 Mar 08 j 08:53	0°♓	
	-2329 Apr 01 j 18:22	0°♈	
evening rise	-2329 Apr 07 j 18:54	7°♈23'24	
asc. node	-2329 Apr 18 j 04:18	20°♈07'28	
	-2329 Apr 26 j 05:59	0°♉	
	-2329 May 20 j 19:42	0°♊	
	-2329 Jun 14 j 12:02	0°♋	
	-2329 Jul 09 j 08:39	0°♌	
	-2329 Aug 03 j 12:50	0°♍	
desc. node	-2329 Aug 07 j 20:11	5°♍04'37	
	-2329 Aug 29 j 07:01	0°♎	
	-2329 Sep 25 j 07:40	0°♏	
evening max el	-2329 Oct 05 j 00:12	10°♏04'47	47°30'31
	-2329 Oct 26 j 15:21	0°♐	
greatest brilliancy	-2329 Nov 14 j 14:31	11°♐41'15	-4.9m
retrograde	-2329 Nov 24 j 23:26	13°♐44'41	
asc. node	-2329 Nov 28 j 20:31	13°♐25'49	
evening set	-2329 Dec 09 j 16:46	9°♐20'45	
min. Earth dist.	-2329 Dec 14 j 15:34	6°♐23'08	0.26914 AU
inferior conj	-2329 Dec 15 j 15:43	5°♐45'28	4°06'11
minimum elong	-2329 Dec 15 j 07:39	5°♐58'03	4°03'53
morning rise	-2329 Dec 20 j 23:24	2°♐33'54	
	-2329 Dec 26 j 07:02	30°℞♏	
direct	-2328 Jan 05 j 02:33	28°♏01'51	
greatest brilliancy	-2328 Jan 14 j 01:58	29°♏33'50	-4.8m
	-2328 Jan 15 j 08:00	0°♐	
morning max el	-2328 Feb 23 j 12:53	29°♐15'06	46°13'09
	-2328 Feb 24 j 07:18	0°♑	
desc. node	-2328 Mar 19 j 13:35	25°♑09'45	
	-2328 Mar 24 j 00:07	0°♒	
	-2328 Apr 19 j 16:52	0°♓	
	-2328 May 15 j 11:58	0°♈	
	-2328 Jun 09 j 17:09	0°♉	
	-2328 Jul 04 j 11:08	0°♊	
asc. node	-2328 Jul 10 j 13:59	7°♊29'42	
	-2328 Jul 28 j 19:33	0°♋	
morning set	-2328 Aug 18 j 16:41	26°♋02'12	
	-2328 Aug 21 j 20:36	0°♌	
	-2328 Sep 14 j 17:14	0°♍	
max. Earth dist.	-2328 Sep 25 j 17:39	13°♍53'12	1.71031 AU
superior conj	-2328 Sep 26 j 09:16	14°♍42'25	1°08'35
minimum elong	-2328 Sep 26 j 19:34	15°♍14'54	1°08'18
	-2328 Oct 08 j 12:27	0°♎	
desc. node	-2328 Oct 30 j 06:32	27°♎23'11	
	-2328 Nov 01 j 08:26	0°♏	
evening rise	-2328 Nov 06 j 23:20	7°♏03'37	
	-2328 Nov 25 j 06:28	0°♐	
	-2328 Dec 19 j 07:34	0°♑	
	-2327 Jan 12 j 13:28	0°♒	
	-2327 Feb 06 j 03:18	0°♓	
asc. node	-2327 Feb 20 j 06:08	16°♓57'56	
	-2327 Mar 03 j 06:08	0°♈	
	-2327 Mar 29 j 06:33	0°♉	
	-2327 Apr 26 j 00:30	0°♊	
evening max el	-2327 May 08 j 08:17	12°♊12'49	45°17'19
	-2327 May 29 j 04:04	0°♋	
desc. node	-2327 Jun 11 j 22:41	8°♋18'23	
greatest brilliancy	-2327 Jun 15 j 19:59	9°♋51'53	-4.7m
retrograde	-2327 Jun 25 j 21:16	11°♋40'37	
evening set	-2327 Jul 12 j 03:52	6°♋44'07	
inferior conj	-2327 Jul 17 j 02:59	3°♋47'18	-7°09'42
minimum elong	-2327 Jul 16 j 17:10	4°♋02'20	7°07'56
min. Earth dist.	-2327 Jul 17 j 10:56	3°♋35'08	0.28139 AU
morning rise	-2327 Jul 21 j 06:02	1°♋17'56	
	-2327 Jul 23 j 13:32	30°℞♊	
direct	-2327 Aug 07 j 11:04	25°♊43'12	
greatest brilliancy	-2327 Aug 18 j 11:24	27°♊55'34	-4.8m
	-2327 Aug 23 j 02:19	0°♋	
morning max el	-2327 Sep 26 j 18:43	28°♋08'40	46°43'00
	-2327 Sep 28 j 14:29	0°♌	
asc. node	-2327 Oct 02 j 23:16	4°♌32'07	
	-2327 Oct 25 j 23:02	0°♍	
	-2327 Nov 20 j 08:52	0°♎	
	-2327 Dec 15 j 02:15	0°♏	
	-2326 Jan 08 j 14:35	0°♐	
desc. node	-2326 Jan 22 j 16:05	17°♐13'50	
	-2326 Feb 02 j 02:09	0°♑	
	-2326 Feb 26 j 14:06	0°♒	
	-2326 Mar 23 j 02:16	0°♓	
morning set	-2326 Apr 02 j 07:52	12°♓31'49	
	-2326 Apr 16 j 14:10	0°♈	
max. Earth dist.	-2326 May 06 j 19:55	24°♈49'28	1.73684 AU
superior conj	-2326 May 08 j 15:14	27°♈02'23	-0°16'30
minimum elong	-2326 May 08 j 18:28	27°♈12'18	0°16'19
	-2326 May 11 j 01:05	0°♉	
asc. node	-2326 May 15 j 16:17	5°♉41'26	
	-2326 Jun 04 j 10:25	0°♊	
evening rise	-2326 Jun 13 j 08:20	10°♊59'07	
	-2326 Jun 28 j 18:04	0°♋	
	-2326 Jul 23 j 00:49	0°♌	
	-2326 Aug 16 j 08:14	0°♍	
desc. node	-2326 Sep 04 j 08:25	23°♍22'20	
	-2326 Sep 09 j 18:15	0°♎	
	-2326 Oct 04 j 09:19	0°♏	
	-2326 Oct 29 j 10:04	0°♐	
	-2326 Nov 24 j 08:40	0°♑	
evening max el	-2326 Dec 15 j 03:34	22°♑21'06	46°50'18
	-2326 Dec 22 j 21:23	0°♒	
asc. node	-2326 Dec 26 j 08:20	3°♒14'48	
greatest brilliancy	-2325 Jan 23 j 23:30	23°♒20'16	-4.8m
retrograde	-2325 Feb 03 j 17:01	25°♒31'03	
evening set	-2325 Feb 21 j 13:42	19°♒20'03	
min. Earth dist.	-2325 Feb 24 j 17:38	17°♒20'27	0.28868 AU
inferior conj	-2325 Feb 25 j 00:40	17°♒09'13	8°17'38
minimum elong	-2325 Feb 25 j 03:38	17°♒04'29	8°17'28
morning rise	-2325 Feb 28 j 17:44	14°♒49'14	
direct	-2325 Mar 18 j 08:09	8°♒52'15	
greatest brilliancy	-2325 Mar 27 j 18:22	10°♒29'22	-4.7m
desc. node	-2325 Apr 17 j 01:12	22°♒06'54	
	-2325 Apr 26 j 15:50	0°♓	
morning max el	-2325 May 06 j 02:59	8°♓39'18	45°47'24
	-2325 May 27 j 04:52	0°♈	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2325 Jun 23 j 08:49	0°♉	
	-2325 Jul 19 j 02:48	0°♊	
asc. node	-2325 Aug 08 j 01:47	23°♊59'34	
	-2325 Aug 13 j 00:02	0°♋	
	-2325 Sep 06 j 07:19	0°♌	
	-2325 Sep 30 j 06:11	0°♍	
	-2325 Oct 24 j 01:29	0°♎	
morning set	-2325 Nov 02 j 01:41	11°♎21'31	
	-2325 Nov 16 j 20:47	0°♏	
desc. node	-2325 Nov 27 j 18:23	13°♏42'17	
	-2325 Dec 10 j 18:01	0°♐	
superior conj	-2325 Dec 14 j 04:09	4°♐17'19	-0°37'16
minimum elong	-2325 Dec 13 j 18:55	3°♐48'24	0°36'55
max. Earth dist.	-2325 Dec 18 j 10:21	9°♐37'12	1.71502 AU
	-2324 Jan 03 j 17:53	0°♑	
evening rise	-2324 Jan 24 j 05:56	25°♑30'33	
	-2324 Jan 27 j 20:52	0°♒	
	-2324 Feb 21 j 03:52	0°♓	
	-2324 Mar 16 j 16:22	0°♈	
asc. node	-2324 Mar 19 j 18:19	3°♈44'45	
	-2324 Apr 10 j 12:05	0°♉	
	-2324 May 05 j 17:26	0°♊	
	-2324 May 31 j 13:07	0°♋	
	-2324 Jun 27 j 11:02	0°♌	
desc. node	-2324 Jul 09 j 10:23	12°♌39'13	
evening max el	-2324 Jul 20 j 04:02	23°♌25'09	46°25'29
	-2324 Jul 27 j 03:12	0°♍	
greatest brilliancy	-2324 Aug 29 j 22:43	23°♍05'55	-4.9m
retrograde	-2324 Sep 07 j 22:55	24°♍36'29	
evening set	-2324 Sep 24 j 13:05	19°♍20'35	
inferior conj	-2324 Sep 28 j 13:50	16°♍57'02	-7°07'14
minimum elong	-2324 Sep 29 j 00:25	16°♍41'03	7°05'08
min. Earth dist.	-2324 Sep 29 j 02:47	16°♍37'28	0.26674 AU
morning rise	-2324 Oct 03 j 11:30	14°♍03'52	
direct	-2324 Oct 19 j 01:38	9°♍17'13	
greatest brilliancy	-2324 Oct 29 j 19:02	11°♍29'04	-4.9m
asc. node	-2324 Oct 30 j 10:47	11°♍44'51	
	-2324 Nov 25 j 12:33	0°♎	
morning max el	-2324 Dec 08 j 20:11	12°♎52'45	46°50'36
	-2324 Dec 24 j 23:26	0°♏	
	-2323 Jan 20 j 12:03	0°♐	
	-2323 Feb 15 j 03:08	0°♑	
desc. node	-2323 Feb 19 j 03:58	4°♑46'20	
	-2323 Mar 12 j 08:58	0°♒	
	-2323 Apr 06 j 09:22	0°♓	
	-2323 May 01 j 05:21	0°♈	
	-2323 May 25 j 20:46	0°♉	
morning set	-2323 Jun 08 j 09:00	16°♉33'16	
asc. node	-2323 Jun 12 j 04:09	21°♉13'21	
	-2323 Jun 19 j 07:10	0°♊	
max. Earth dist.	-2323 Jul 10 j 11:41	26°♊13'39	1.72569 AU
	-2323 Jul 13 j 12:33	0°♋	
superior conj	-2323 Jul 14 j 16:15	1°♋26'07	1°06'41
minimum elong	-2323 Jul 14 j 07:41	0°♋59'28	1°06'29
	-2323 Aug 06 j 13:58	0°♌	
evening rise	-2323 Aug 20 j 14:14	17°♌31'32	
	-2323 Aug 30 j 13:22	0°♍	
	-2323 Sep 23 j 12:49	0°♎	
desc. node	-2323 Oct 01 j 20:32	10°♎23'47	
	-2323 Oct 17 j 13:55	0°♏	
	-2323 Nov 10 j 18:05	0°♐	
	-2323 Dec 05 j 03:54	0°♑	
	-2323 Dec 30 j 01:03	0°♒	
asc. node	-2322 Jan 22 j 20:11	27°♒40'00	
	-2322 Jan 24 j 21:47	0°♓	
	-2322 Feb 22 j 01:49	0°♈	
evening max el	-2322 Feb 24 j 06:03	2°♈07'55	45°31'39
greatest brilliancy	-2322 Apr 03 j 00:16	29°♈58'56	-4.7m
	-2322 Apr 03 j 01:26	0°♉	
retrograde	-2322 Apr 13 j 20:29	2°♉05'09	
	-2322 Apr 24 j 03:12	30°℞♈	
evening set	-2322 Apr 29 j 05:19	27°♈32'38	
inferior conj	-2322 May 05 j 06:59	23°♈53'22	2°06'57
minimum elong	-2322 May 05 j 11:27	23°♈46'21	2°05'43
min. Earth dist.	-2322 May 05 j 18:35	23°♈35'11	0.29059 AU
morning rise	-2322 May 11 j 17:25	20°♈01'34	
desc. node	-2322 May 14 j 12:51	18°♈35'16	
direct	-2322 May 27 j 02:08	15°♈31'52	
greatest brilliancy	-2322 Jun 06 j 18:36	17°♈34'57	-4.7m
	-2322 Jun 27 j 09:29	0°♉	
morning max el	-2322 Jul 15 j 06:00	15°♉48'37	46°02'44
	-2322 Jul 29 j 06:23	0°♊	
	-2322 Aug 25 j 07:37	0°♋	
asc. node	-2322 Sep 04 j 13:44	11°♋58'43	
	-2322 Sep 19 j 15:28	0°♌	
	-2322 Oct 14 j 02:59	0°♍	
	-2322 Nov 07 j 05:10	0°♎	
	-2322 Dec 01 j 04:42	0°♏	
desc. node	-2322 Dec 25 j 06:16	0°♐03'39	
	-2322 Dec 25 j 05:06	0°♐	
morning set	-2321 Jan 18 j 09:17	0°♑05'06	
	-2321 Jan 18 j 07:39	0°♑	
	-2321 Feb 11 j 12:33	0°♒	
superior conj	-2321 Feb 26 j 22:24	19°♒02'13	-1°22'46
minimum elong	-2321 Feb 27 j 02:11	19°♒13'54	1°22'47
max. Earth dist.	-2321 Mar 01 j 14:10	22°♒18'56	1.73089 AU
	-2321 Mar 07 j 19:45	0°♓	
	-2321 Apr 01 j 05:15	0°♈	
evening rise	-2321 Apr 05 j 12:42	5°♈17'24	
asc. node	-2321 Apr 17 j 06:20	19°♈40'13	
	-2321 Apr 25 j 16:59	0°♉	
	-2321 May 20 j 06:59	0°♊	
	-2321 Jun 13 j 23:48	0°♋	
	-2321 Jul 08 j 21:11	0°♌	
	-2321 Aug 03 j 02:35	0°♍	
desc. node	-2321 Aug 06 j 22:23	4°♍29'56	
	-2321 Aug 28 j 22:52	0°♎	
	-2321 Sep 25 j 04:11	0°♏	
evening max el	-2321 Oct 02 j 14:07	7°♏39'36	47°29'48
	-2321 Oct 27 j 08:54	0°♐	
greatest brilliancy	-2321 Nov 12 j 05:59	9°♐15'40	-4.9m
retrograde	-2321 Nov 22 j 12:39	11°♐16'58	
asc. node	-2321 Nov 27 j 22:35	10°♐40'17	
evening set	-2321 Dec 07 j 04:35	6°♐56'22	
min. Earth dist.	-2321 Dec 12 j 06:00	3°♐55'12	0.26847 AU
inferior conj	-2321 Dec 13 j 04:59	3°♐19'20	3°45'40
minimum elong	-2321 Dec 12 j 21:25	3°♐31'08	3°43'29
morning rise	-2321 Dec 18 j 15:04	0°♐04'21	
	-2321 Dec 18 j 18:13	30°℞♏	
direct	-2320 Jan 02 j 14:55	25°♏36'51	
greatest brilliancy	-2320 Jan 11 j 16:10	27°♏10'02	-4.9m
	-2320 Jan 18 j 06:57	0°♐	
morning max el	-2320 Feb 21 j 01:17	26°♐51'41	46°14'42
	-2320 Feb 24 j 05:50	0°♑	
desc. node	-2320 Mar 18 j 15:44	24°♑30'15	
	-2320 Mar 23 j 16:08	0°♒	
	-2320 Apr 19 j 06:26	0°♓	
	-2320 May 15 j 00:19	0°♈	
	-2320 Jun 09 j 04:50	0°♉	
	-2320 Jul 03 j 22:28	0°♊	
asc. node	-2320 Jul 09 j 16:05	7°♊01'31	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2320 Jul 28 j 06:42	0°♋	
morning set	-2320 Aug 16 j 07:31	23°♋43'32	
	-2320 Aug 21 j 07:43	0°♌	
	-2320 Sep 14 j 04:24	0°♍	
max. Earth dist.	-2320 Sep 22 j 23:23	11°♍04'47	1.71061 AU
superior conj	-2320 Sep 23 j 21:09	12°♍13'21	1°10'43
minimum elong	-2320 Sep 24 j 07:03	12°♍44'33	1°10'27
	-2320 Oct 07 j 23:42	0°♎	
desc. node	-2320 Oct 29 j 08:30	26°♎53'50	
	-2320 Oct 31 j 19:46	0°♏	
evening rise	-2320 Nov 04 j 08:13	4°♏25'11	
	-2320 Nov 24 j 17:54	0°♐	
	-2320 Dec 18 j 19:08	0°♑	
	-2319 Jan 12 j 01:13	0°♒	
	-2319 Feb 05 j 15:25	0°♓	
asc. node	-2319 Feb 19 j 08:21	16°♓27'19	
	-2319 Mar 02 j 19:02	0°♈	
	-2319 Mar 28 j 21:13	0°♉	
	-2319 Apr 25 j 19:43	0°♊	
evening max el	-2319 May 05 j 22:27	9°♊57'33	45°16'14
	-2319 May 29 j 23:05	0°♋	
desc. node	-2319 Jun 11 j 00:43	6°♋41'50	
greatest brilliancy	-2319 Jun 13 j 08:49	7°♋35'19	-4.7m
retrograde	-2319 Jun 23 j 11:42	9°♋25'39	
evening set	-2319 Jul 09 j 14:58	4°♋33'06	
inferior conj	-2319 Jul 14 j 17:40	1°♋31'29	-6°56'35
minimum elong	-2319 Jul 14 j 07:38	1°♋46'49	6°54'43
min. Earth dist.	-2319 Jul 15 j 01:33	1°♋19'26	0.28185 AU
	-2319 Jul 17 j 05:46	30°℞♊	
morning rise	-2319 Jul 18 j 23:52	28°♊57'40	
direct	-2319 Aug 05 j 02:01	23°♊26'18	
greatest brilliancy	-2319 Aug 16 j 03:20	25°♊39'30	-4.8m
	-2319 Aug 24 j 19:34	0°♋	
morning max el	-2319 Sep 24 j 09:20	25°♋47'33	46°41'57
	-2319 Sep 28 j 11:56	0°♌	
asc. node	-2319 Oct 02 j 01:17	3°♌43'54	
	-2319 Oct 25 j 15:06	0°♍	
	-2319 Nov 19 j 22:52	0°♎	
	-2319 Dec 14 j 15:11	0°♏	
	-2318 Jan 08 j 02:51	0°♐	
desc. node	-2318 Jan 21 j 18:13	16°♐43'36	
	-2318 Feb 01 j 13:58	0°♑	
	-2318 Feb 26 j 01:33	0°♒	
	-2318 Mar 22 j 13:26	0°♓	
morning set	-2318 Mar 31 j 01:31	10°♓24'55	
	-2318 Apr 16 j 01:08	0°♈	
max. Earth dist.	-2318 May 04 j 18:49	22°♈58'56	1.73695 AU
superior conj	-2318 May 06 j 10:09	24°♈59'38	-0°19'29
minimum elong	-2318 May 06 j 13:57	25°♈11'18	0°19'17
	-2318 May 10 j 12:00	0°♉	
asc. node	-2318 May 14 j 18:19	5°♉14'12	
	-2318 Jun 03 j 21:24	0°♊	
evening rise	-2318 Jun 11 j 03:53	8°♊57'30	
	-2318 Jun 28 j 05:15	0°♋	
	-2318 Jul 22 j 12:18	0°♌	
	-2318 Aug 15 j 20:08	0°♍	
desc. node	-2318 Sep 03 j 10:31	22°♍50'57	
	-2318 Sep 09 j 06:43	0°♎	
	-2318 Oct 03 j 22:36	0°♏	
	-2318 Oct 29 j 00:40	0°♐	
	-2318 Nov 24 j 01:56	0°♑	
evening max el	-2318 Dec 12 j 18:57	20°♑02'36	46°53'07
	-2318 Dec 22 j 23:13	0°♒	
asc. node	-2318 Dec 25 j 10:27	2°♒16'26	
greatest brilliancy	-2317 Jan 21 j 15:30	21°♒05'59	-4.8m
retrograde	-2317 Feb 01 j 10:11	23°♒17'57	
evening set	-2317 Feb 19 j 06:35	17°♒05'47	
inferior conj	-2317 Feb 22 j 16:56	14°♒56'00	8°20'51
minimum elong	-2317 Feb 22 j 19:12	14°♒52'24	8°20'44
min. Earth dist.	-2317 Feb 22 j 08:25	15°♒09'35	0.28824 AU
morning rise	-2317 Feb 26 j 08:02	12°♒39'16	
direct	-2317 Mar 15 j 23:46	6°♒39'43	
greatest brilliancy	-2317 Mar 25 j 08:29	8°♒16'01	-4.7m
desc. node	-2317 Apr 16 j 03:11	21°♒01'21	
	-2317 Apr 26 j 18:50	0°♓	
morning max el	-2317 May 03 j 19:43	6°♓30'40	45°47'47
	-2317 May 26 j 21:47	0°♈	
	-2317 Jun 22 j 22:44	0°♉	
	-2317 Jul 18 j 15:24	0°♊	
asc. node	-2317 Aug 07 j 04:01	23°♊29'44	
	-2317 Aug 12 j 11:59	0°♋	
	-2317 Sep 05 j 18:57	0°♌	
	-2317 Sep 29 j 17:40	0°♍	
	-2317 Oct 23 j 12:54	0°♎	
morning set	-2317 Oct 30 j 12:06	8°♎47'04	
	-2317 Nov 16 j 08:11	0°♏	
desc. node	-2317 Nov 26 j 20:28	13°♏13'10	
	-2317 Dec 10 j 05:22	0°♐	
superior conj	-2317 Dec 11 j 13:19	1°♐40'10	-0°33'38
minimum elong	-2317 Dec 11 j 04:48	1°♐13'28	0°33'18
max. Earth dist.	-2317 Dec 15 j 19:45	7°♐00'58	1.71455 AU
	-2316 Jan 03 j 05:10	0°♑	
evening rise	-2316 Jan 21 j 18:06	23°♑04'24	
	-2316 Jan 27 j 08:07	0°♒	
	-2316 Feb 20 j 15:13	0°♓	
	-2316 Mar 16 j 03:56	0°♈	
asc. node	-2316 Mar 18 j 20:22	3°♈15'47	
	-2316 Apr 10 j 00:05	0°♉	
	-2316 May 05 j 06:15	0°♊	
	-2316 May 31 j 03:30	0°♋	
	-2316 Jun 27 j 04:45	0°♌	
desc. node	-2316 Jul 08 j 12:35	11°♌52'20	
evening max el	-2316 Jul 17 j 18:02	21°♌04'45	46°22'24
	-2316 Jul 27 j 07:37	0°♍	
greatest brilliancy	-2316 Aug 27 j 10:09	20°♍37'36	-4.9m
retrograde	-2316 Sep 05 j 11:02	22°♍08'04	
evening set	-2316 Sep 22 j 04:34	16°♍47'30	
inferior conj	-2316 Sep 26 j 02:00	14°♍28'26	-7°21'17
minimum elong	-2316 Sep 26 j 12:19	14°♍12'49	7°19'22
min. Earth dist.	-2316 Sep 26 j 15:10	14°♍08'31	0.26722 AU
morning rise	-2316 Sep 30 j 19:53	11°♍40'24	
direct	-2316 Oct 16 j 15:01	6°♍48'09	
greatest brilliancy	-2316 Oct 27 j 07:55	8°♍59'31	-4.9m
asc. node	-2316 Oct 29 j 12:52	9°♍55'39	
	-2316 Nov 25 j 18:17	0°♎	
morning max el	-2316 Dec 06 j 09:53	10°♎26'15	46°51'08
	-2316 Dec 24 j 17:58	0°♏	
	-2315 Jan 20 j 03:07	0°♐	
	-2315 Feb 14 j 16:30	0°♑	
desc. node	-2315 Feb 18 j 06:07	4°♑13'35	
	-2315 Mar 11 j 21:20	0°♒	
	-2315 Apr 05 j 21:06	0°♓	
	-2315 Apr 30 j 16:41	0°♈	
	-2315 May 25 j 07:52	0°♉	
morning set	-2315 Jun 06 j 03:37	14°♉29'19	
asc. node	-2315 Jun 11 j 06:20	20°♉46'18	
	-2315 Jun 18 j 18:08	0°♊	
max. Earth dist.	-2315 Jul 08 j 03:38	24°♊00'11	1.72623 AU
superior conj	-2315 Jul 12 j 10:07	29°♊18'25	1°04'40
minimum elong	-2315 Jul 12 j 01:27	28°♊51'29	1°04'28

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2315 Jul 12 j 23:30	0°♋	
	-2315 Aug 06 j 01:00	0°♌	
evening rise	-2315 Aug 18 j 05:23	15°♌13'54	
	-2315 Aug 30 j 00:35	0°♍	
	-2315 Sep 23 j 00:17	0°♎	
desc. node	-2315 Sep 30 j 22:32	9°♎53'57	
	-2315 Oct 17 j 01:40	0°♏	
	-2315 Nov 10 j 06:12	0°♐	
	-2315 Dec 04 j 16:32	0°♑	
	-2315 Dec 29 j 14:38	0°♒	
asc. node	-2314 Jan 21 j 22:23	27°♒02'44	
	-2314 Jan 24 j 13:26	0°♓	
	-2314 Feb 21 j 23:32	0°♈	
evening max el	-2314 Feb 21 j 21:23	29°♓54'46	45°33'38
greatest brilliancy	-2314 Mar 31 j 17:39	27°♈51'44	-4.7m
retrograde	-2314 Apr 11 j 12:33	29°♈57'02	
evening set	-2314 Apr 26 j 23:37	25°♈22'07	
inferior conj	-2314 May 02 j 23:35	21°♈44'54	2°25'29
minimum elong	-2314 May 03 j 04:39	21°♈36'57	2°24'07
min. Earth dist.	-2314 May 03 j 11:28	21°♈26'15	0.29075 AU
morning rise	-2314 May 09 j 09:29	17°♈53'16	
desc. node	-2314 May 13 j 14:58	15°♈48'26	
direct	-2314 May 24 j 18:29	13°♈23'11	
greatest brilliancy	-2314 Jun 04 j 10:29	15°♈25'18	-4.7m
	-2314 Jun 27 j 18:23	0°♉	
morning max el	-2314 Jul 12 j 20:58	13°♉34'52	46°01'41
	-2314 Jul 29 j 00:22	0°♊	
	-2314 Aug 24 j 22:00	0°♋	
asc. node	-2314 Sep 03 j 15:44	11°♋24'07	
	-2314 Sep 19 j 04:23	0°♌	
	-2314 Oct 13 j 15:11	0°♍	
	-2314 Nov 06 j 16:59	0°♎	
	-2314 Nov 30 j 16:16	0°♏	
desc. node	-2314 Dec 24 j 08:27	29°♏34'59	
	-2314 Dec 24 j 16:29	0°♐	
morning set	-2313 Jan 15 j 20:38	27°♐36'23	
	-2313 Jan 17 j 18:52	0°♑	
	-2313 Feb 10 j 23:38	0°♒	
superior conj	-2313 Feb 24 j 13:20	16°♒46'15	-1°23'23
minimum elong	-2313 Feb 24 j 16:23	16°♒55'40	1°23'25
max. Earth dist.	-2313 Feb 27 j 08:31	20°♒13'32	1.73039 AU
	-2313 Mar 07 j 06:44	0°♓	
	-2313 Mar 31 j 16:13	0°♈	
evening rise	-2313 Apr 03 j 05:54	3°♈09'15	
asc. node	-2313 Apr 16 j 08:22	19°♈12'44	
	-2313 Apr 25 j 04:04	0°♉	
	-2313 May 19 j 18:20	0°♊	
	-2313 Jun 13 j 11:39	0°♋	
	-2313 Jul 08 j 09:47	0°♌	
	-2313 Aug 02 j 16:23	0°♍	
desc. node	-2313 Aug 06 j 00:30	3°♍55'02	
	-2313 Aug 28 j 14:49	0°♎	
	-2313 Sep 25 j 01:06	0°♏	
evening max el	-2313 Sep 30 j 03:19	5°♏13'25	47°29'05
	-2313 Oct 28 j 07:55	0°♐	
greatest brilliancy	-2313 Nov 09 j 21:24	6°♐50'46	-4.9m
retrograde	-2313 Nov 20 j 01:49	8°♐50'16	
asc. node	-2313 Nov 27 j 00:42	7°♐49'47	
evening set	-2313 Dec 04 j 16:38	4°♐32'12	
min. Earth dist.	-2313 Dec 09 j 20:36	1°♐27'50	0.26790 AU
inferior conj	-2313 Dec 10 j 18:21	0°♐53'57	3°24'46
minimum elong	-2313 Dec 10 j 11:21	1°♐04'52	3°22'40
	-2313 Dec 12 j 05:07	30°℞♏	
morning rise	-2313 Dec 16 j 06:46	27°♏35'47	
direct	-2313 Dec 31 j 03:06	23°♏12'13	
greatest brilliancy	-2312 Jan 09 j 06:52	24°♏47'11	-4.9m
	-2312 Jan 20 j 01:28	0°♐	
morning max el	-2312 Feb 18 j 14:22	24°♐29'45	46°16'03
	-2312 Feb 24 j 03:30	0°♑	
desc. node	-2312 Mar 17 j 17:43	23°♑50'37	
	-2312 Mar 23 j 07:55	0°♒	
	-2312 Apr 18 j 19:54	0°♓	
	-2312 May 14 j 12:35	0°♈	
	-2312 Jun 08 j 16:25	0°♉	
	-2312 Jul 03 j 09:40	0°♊	
asc. node	-2312 Jul 08 j 18:13	6°♊33'52	
	-2312 Jul 27 j 17:45	0°♋	
morning set	-2312 Aug 13 j 22:31	21°♋25'51	
	-2312 Aug 20 j 18:43	0°♌	
	-2312 Sep 13 j 15:25	0°♍	
max. Earth dist.	-2312 Sep 20 j 07:39	8°♍24'48	1.71088 AU
superior conj	-2312 Sep 21 j 09:26	9°♍46'02	1°12'41
minimum elong	-2312 Sep 21 j 18:51	10°♍15'45	1°12'28
	-2312 Oct 07 j 10:45	0°♎	
desc. node	-2312 Oct 28 j 10:38	26°♎25'38	
	-2312 Oct 31 j 06:52	0°♏	
evening rise	-2312 Nov 01 j 17:36	1°♏49'04	
	-2312 Nov 24 j 05:05	0°♐	
	-2312 Dec 18 j 06:26	0°♑	
	-2311 Jan 11 j 12:45	0°♒	
	-2311 Feb 05 j 03:23	0°♓	
asc. node	-2311 Feb 18 j 10:19	15°♓56'15	
	-2311 Mar 02 j 07:54	0°♈	
	-2311 Mar 28 j 12:00	0°♉	
	-2311 Apr 25 j 15:25	0°♊	
evening max el	-2311 May 03 j 13:27	7°♊44'37	45°15'23
	-2311 May 31 j 00:46	0°♋	
desc. node	-2311 Jun 10 j 02:53	5°♋02'12	
greatest brilliancy	-2311 Jun 10 j 21:09	5°♋18'41	-4.7m
retrograde	-2311 Jun 21 j 02:27	7°♋11'01	
evening set	-2311 Jul 07 j 02:08	2°♋22'20	
	-2311 Jul 11 j 03:22	30°℞♊	
inferior conj	-2311 Jul 12 j 08:15	29°♊15'58	-6°42'56
minimum elong	-2311 Jul 11 j 22:04	29°♊31'31	6°40'55
min. Earth dist.	-2311 Jul 12 j 15:44	29°♊04'32	0.28227 AU
morning rise	-2311 Jul 16 j 17:35	26°♊37'48	
direct	-2311 Aug 02 j 17:24	21°♊09'55	
greatest brilliancy	-2311 Aug 13 j 18:32	23°♊23'17	-4.8m
	-2311 Aug 25 j 23:51	0°♋	
morning max el	-2311 Sep 22 j 00:49	23°♋29'34	46°40'53
	-2311 Sep 28 j 08:25	0°♌	
asc. node	-2311 Oct 01 j 03:22	2°♌57'20	
	-2311 Oct 25 j 06:38	0°♍	
	-2311 Nov 19 j 12:25	0°♎	
	-2311 Dec 14 j 03:43	0°♏	
	-2310 Jan 07 j 14:44	0°♐	
desc. node	-2310 Jan 20 j 20:20	16°♐14'32	
	-2310 Feb 01 j 01:24	0°♑	
	-2310 Feb 25 j 12:38	0°♒	
	-2310 Mar 22 j 00:17	0°♓	
morning set	-2310 Mar 28 j 18:56	8°♓18'08	
	-2310 Apr 15 j 11:51	0°♈	
max. Earth dist.	-2310 May 02 j 18:10	21°♈10'27	1.73706 AU
superior conj	-2310 May 04 j 04:43	22°♈56'28	-0°22'29
minimum elong	-2310 May 04 j 09:04	23°♈09'51	0°22'16
	-2310 May 09 j 22:40	0°♉	
asc. node	-2310 May 13 j 20:30	4°♉48'08	
	-2310 Jun 03 j 08:09	0°♊	
evening rise	-2310 Jun 08 j 23:06	6°♊55'36	
	-2310 Jun 27 j 16:11	0°♋	
	-2310 Jul 21 j 23:32	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2310 Aug 15 j 07:47	0°♍	
desc. node	-2310 Sep 02 j 12:30	22°♍19'57	
	-2310 Sep 08 j 18:57	0°♎	
	-2310 Oct 03 j 11:39	0°♏	
	-2310 Oct 28 j 15:03	0°♐	
	-2310 Nov 23 j 19:06	0°♑	
evening max el	-2310 Dec 10 j 11:23	17°♑48'00	46°55'59
	-2310 Dec 23 j 01:53	0°♒	
asc. node	-2310 Dec 24 j 12:39	1°♒18'19	
greatest brilliancy	-2309 Jan 19 j 07:31	18°♒53'13	-4.8m
retrograde	-2309 Jan 30 j 03:28	21°♒06'11	
evening set	-2309 Feb 16 j 23:16	14°♒53'32	
inferior conj	-2309 Feb 20 j 09:16	12°♒44'14	8°23'23
minimum elong	-2309 Feb 20 j 10:50	12°♒41'45	8°23'18
min. Earth dist.	-2309 Feb 19 j 23:02	13°♒00'32	0.28778 AU
morning rise	-2309 Feb 23 j 22:38	10°♒30'18	
direct	-2309 Mar 13 j 15:55	4°♒28'52	
greatest brilliancy	-2309 Mar 22 j 22:11	6°♒03'39	-4.7m
desc. node	-2309 Apr 15 j 05:21	19°♒59'10	
	-2309 Apr 26 j 19:52	0°♓	
morning max el	-2309 May 01 j 12:27	4°♓23'12	45°47'54
	-2309 May 26 j 14:03	0°♈	
	-2309 Jun 22 j 12:15	0°♉	
	-2309 Jul 18 j 03:41	0°♊	
asc. node	-2309 Aug 06 j 06:03	23°♊00'14	
	-2309 Aug 11 j 23:37	0°♋	
	-2309 Sep 05 j 06:14	0°♌	
	-2309 Sep 29 j 04:47	0°♍	
	-2309 Oct 22 j 23:58	0°♎	
morning set	-2309 Oct 27 j 22:32	6°♎13'49	
	-2309 Nov 15 j 19:13	0°♏	
desc. node	-2309 Nov 25 j 22:37	12°♏45'21	
superior conj	-2309 Dec 08 j 22:28	29°♏03'56	-0°29'56
minimum elong	-2309 Dec 08 j 14:44	28°♏39'41	0°29'37
	-2309 Dec 09 j 16:21	0°♐	
max. Earth dist.	-2309 Dec 13 j 06:10	4°♐28'55	1.71406 AU
	-2308 Jan 02 j 16:05	0°♑	
evening rise	-2308 Jan 19 j 06:16	20°♑39'18	
	-2308 Jan 26 j 19:00	0°♒	
	-2308 Feb 20 j 02:09	0°♓	
	-2308 Mar 15 j 15:05	0°♈	
asc. node	-2308 Mar 17 j 22:27	2°♈48'08	
	-2308 Apr 09 j 11:44	0°♉	
	-2308 May 04 j 18:48	0°♊	
	-2308 May 30 j 17:44	0°♋	
	-2308 Jun 26 j 22:38	0°♌	
desc. node	-2308 Jul 07 j 14:40	11°♌05'05	
evening max el	-2308 Jul 15 j 07:41	18°♌44'07	46°19'16
	-2308 Jul 27 j 13:42	0°♍	
greatest brilliancy	-2308 Aug 24 j 22:12	18°♍10'49	-4.9m
retrograde	-2308 Sep 02 j 22:36	19°♍40'28	
evening set	-2308 Sep 19 j 20:00	14°♍15'35	
inferior conj	-2308 Sep 23 j 14:12	12°♍00'58	-7°34'26
minimum elong	-2308 Sep 24 j 00:09	11°♍45'52	7°32'43
min. Earth dist.	-2308 Sep 24 j 03:50	11°♍40'16	0.26767 AU
morning rise	-2308 Sep 28 j 04:06	9°♍18'09	
direct	-2308 Oct 14 j 03:54	4°♍20'11	
greatest brilliancy	-2308 Oct 24 j 21:15	6°♍31'28	-4.9m
asc. node	-2308 Oct 28 j 15:06	8°♍11'43	
	-2308 Nov 25 j 21:46	0°♎	
morning max el	-2308 Dec 03 j 22:34	7°♎58'01	46°51'39
	-2308 Dec 24 j 11:41	0°♏	
	-2307 Jan 19 j 17:39	0°♐	
	-2307 Feb 14 j 05:25	0°♑	
desc. node	-2307 Feb 17 j 08:03	3°♑41'28	
	-2307 Mar 11 j 09:17	0°♒	
	-2307 Apr 05 j 08:26	0°♓	
	-2307 Apr 30 j 03:38	0°♈	
	-2307 May 24 j 18:37	0°♉	
morning set	-2307 Jun 03 j 22:21	12°♉26'41	
asc. node	-2307 Jun 10 j 08:27	20°♉19'59	
	-2307 Jun 18 j 04:49	0°♊	
max. Earth dist.	-2307 Jul 05 j 19:57	21°♊48'44	1.72685 AU
superior conj	-2307 Jul 10 j 04:00	27°♊11'36	1°02'35
minimum elong	-2307 Jul 09 j 19:17	26°♊44'33	1°02'21
	-2307 Jul 12 j 10:13	0°♋	
	-2307 Aug 05 j 11:51	0°♌	
evening rise	-2307 Aug 15 j 20:29	12°♌56'51	
	-2307 Aug 29 j 11:38	0°♍	
	-2307 Sep 22 j 11:34	0°♎	
desc. node	-2307 Sep 30 j 00:40	9°♎25'13	
	-2307 Oct 16 j 13:13	0°♏	
	-2307 Nov 09 j 18:05	0°♐	
	-2307 Dec 04 j 04:57	0°♑	
	-2307 Dec 29 j 04:02	0°♒	
asc. node	-2306 Jan 21 j 00:24	26°♒25'31	
	-2306 Jan 24 j 05:00	0°♓	
evening max el	-2306 Feb 19 j 12:11	27°♓41'12	45°35'46
	-2306 Feb 21 j 21:41	0°♈	
greatest brilliancy	-2306 Mar 29 j 11:03	25°♈45'52	-4.7m
retrograde	-2306 Apr 09 j 04:51	27°♈50'47	
evening set	-2306 Apr 24 j 18:13	23°♈13'00	
inferior conj	-2306 Apr 30 j 16:28	19°♈38'14	2°43'37
minimum elong	-2306 Apr 30 j 22:05	19°♈29'23	2°42'07
min. Earth dist.	-2306 May 01 j 04:44	19°♈18'57	0.29091 AU
morning rise	-2306 May 07 j 01:40	15°♈47'03	
desc. node	-2306 May 12 j 17:05	13°♈07'29	
direct	-2306 May 22 j 10:43	11°♈16'06	
greatest brilliancy	-2306 Jun 02 j 03:05	13°♈17'59	-4.7m
	-2306 Jun 28 j 00:18	0°♉	
morning max el	-2306 Jul 10 j 12:08	11°♉22'34	46°00'30
	-2306 Jul 28 j 17:40	0°♊	
	-2306 Aug 24 j 12:05	0°♋	
asc. node	-2306 Sep 02 j 17:50	10°♋50'26	
	-2306 Sep 18 j 17:09	0°♌	
	-2306 Oct 13 j 03:17	0°♍	
	-2306 Nov 06 j 04:41	0°♎	
	-2306 Nov 30 j 03:42	0°♏	
desc. node	-2306 Dec 23 j 10:30	29°♏06'24	
	-2306 Dec 24 j 03:41	0°♐	
morning set	-2305 Jan 13 j 07:46	25°♐07'29	
	-2305 Jan 17 j 05:54	0°♑	
	-2305 Feb 10 j 10:32	0°♒	
superior conj	-2305 Feb 22 j 04:20	14°♒30'56	-1°23'52
minimum elong	-2305 Feb 22 j 06:37	14°♒37'57	1°23'54
max. Earth dist.	-2305 Feb 25 j 00:55	18°♒02'34	1.72988 AU
	-2305 Mar 06 j 17:34	0°♓	
	-2305 Mar 31 j 03:02	0°♈	
evening rise	-2305 Mar 31 j 23:17	1°♈02'08	
asc. node	-2305 Apr 15 j 10:36	18°♈46'21	
	-2305 Apr 24 j 14:58	0°♉	
	-2305 May 19 j 05:31	0°♊	
	-2305 Jun 12 j 23:20	0°♋	
	-2305 Jul 07 j 22:17	0°♌	
	-2305 Aug 02 j 06:12	0°♍	
desc. node	-2305 Aug 05 j 02:28	3°♍19'44	
	-2305 Aug 28 j 07:00	0°♎	
	-2305 Sep 24 j 22:53	0°♏	
evening max el	-2305 Sep 27 j 16:29	2°♏46'51	47°28'10
	-2305 Oct 29 j 16:15	0°♐	
greatest brilliancy	-2305 Nov 07 j 12:21	4°♐24'16	-4.9m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2305 Nov 17 j 15:02	6°♐22'32	
asc. node	-2305 Nov 26 j 02:51	4°♐52'21	
evening set	-2305 Dec 02 j 04:35	2°♐06'24	
	-2305 Dec 05 j 19:28	30°℞♏	
min. Earth dist.	-2305 Dec 07 j 10:54	28°♏59'19	0.26734 AU
inferior conj	-2305 Dec 08 j 07:26	28°♏27'25	3°03'08
minimum elong	-2305 Dec 08 j 01:03	28°♏37'20	3°01'10
morning rise	-2305 Dec 13 j 22:09	25°♏06'25	
direct	-2305 Dec 28 j 15:05	20°♏46'15	
greatest brilliancy	-2304 Jan 06 j 21:12	22°♏23'15	-4.9m
	-2304 Jan 21 j 07:02	0°♐	
morning max el	-2304 Feb 16 j 04:11	22°♐09'32	46°17'35
	-2304 Feb 24 j 00:23	0°♑	
desc. node	-2304 Mar 16 j 19:55	23°♑12'09	
	-2304 Mar 22 j 23:25	0°♒	
	-2304 Apr 18 j 09:12	0°♓	
	-2304 May 14 j 00:43	0°♈	
	-2304 Jun 08 j 03:54	0°♉	
	-2304 Jul 02 j 20:47	0°♊	
asc. node	-2304 Jul 07 j 20:17	6°♊06'12	
	-2304 Jul 27 j 04:43	0°♋	
morning set	-2304 Aug 11 j 14:01	19°♋10'05	
	-2304 Aug 20 j 05:40	0°♌	
	-2304 Sep 13 j 02:27	0°♍	
max. Earth dist.	-2304 Sep 17 j 17:40	5°♍50'18	1.71125 AU
superior conj	-2304 Sep 18 j 21:56	7°♍19'22	1°14'29
minimum elong	-2304 Sep 19 j 06:50	7°♍47'23	1°14'19
	-2304 Oct 06 j 21:52	0°♎	
desc. node	-2304 Oct 27 j 12:48	25°♎57'09	
evening rise	-2304 Oct 30 j 02:44	29°♎11'44	
	-2304 Oct 30 j 18:07	0°♏	
	-2304 Nov 23 j 16:26	0°♐	
	-2304 Dec 17 j 17:56	0°♑	
	-2303 Jan 11 j 00:27	0°♒	
	-2303 Feb 04 j 15:31	0°♓	
asc. node	-2303 Feb 17 j 12:28	15°♓25'19	
	-2303 Mar 01 j 20:57	0°♈	
	-2303 Mar 28 j 03:03	0°♉	
	-2303 Apr 25 j 11:48	0°♊	
evening max el	-2303 May 01 j 05:28	5°♊34'12	45°14'40
	-2303 Jun 01 j 12:49	0°♋	
greatest brilliancy	-2303 Jun 08 j 09:54	3°♋03'13	-4.7m
desc. node	-2303 Jun 09 j 04:59	3°♋19'25	
retrograde	-2303 Jun 18 j 17:37	4°♋57'13	
evening set	-2303 Jul 04 j 13:53	0°♋12'29	
	-2303 Jul 04 j 22:50	30°℞♊	
inferior conj	-2303 Jul 09 j 23:09	27°♊01'26	-6°28'50
minimum elong	-2303 Jul 09 j 12:54	27°♊17'04	6°26'43
min. Earth dist.	-2303 Jul 10 j 06:05	26°♊50'50	0.28265 AU
morning rise	-2303 Jul 14 j 11:34	24°♊18'53	
direct	-2303 Jul 31 j 09:27	18°♊54'49	
greatest brilliancy	-2303 Aug 11 j 09:20	21°♊07'24	-4.8m
	-2303 Aug 26 j 20:14	0°♋	
morning max el	-2303 Sep 19 j 16:24	21°♋12'13	46°39'35
	-2303 Sep 28 j 04:15	0°♌	
asc. node	-2303 Sep 30 j 05:38	2°♌11'54	
	-2303 Oct 24 j 22:02	0°♍	
	-2303 Nov 19 j 02:04	0°♎	
	-2303 Dec 13 j 16:26	0°♏	
	-2302 Jan 07 j 02:52	0°♐	
desc. node	-2302 Jan 19 j 22:21	15°♐44'15	
	-2302 Jan 31 j 13:06	0°♑	
	-2302 Feb 24 j 23:59	0°♒	
	-2302 Mar 21 j 11:22	0°♓	
morning set	-2302 Mar 26 j 12:08	6°♓09'58	
	-2302 Apr 14 j 22:46	0°♈	
max. Earth dist.	-2302 Apr 30 j 18:17	19°♈23'42	1.73711 AU
superior conj	-2302 May 01 j 23:16	20°♈52'39	-0°25'27
minimum elong	-2302 May 02 j 04:10	21°♈07'41	0°25'12
	-2302 May 09 j 09:34	0°♉	
asc. node	-2302 May 12 j 22:35	4°♉21'06	
	-2302 Jun 02 j 19:07	0°♊	
evening rise	-2302 Jun 06 j 18:32	4°♊53'46	
	-2302 Jun 27 j 03:20	0°♋	
	-2302 Jul 21 j 10:58	0°♌	
	-2302 Aug 14 j 19:37	0°♍	
desc. node	-2302 Sep 01 j 14:43	21°♍49'13	
	-2302 Sep 08 j 07:23	0°♎	
	-2302 Oct 03 j 00:58	0°♏	
	-2302 Oct 28 j 05:50	0°♐	
	-2302 Nov 23 j 13:00	0°♑	
evening max el	-2302 Dec 08 j 04:03	15°♑32'32	46°58'27
	-2302 Dec 23 j 06:55	0°♒	
asc. node	-2302 Dec 23 j 14:40	0°♒17'02	
greatest brilliancy	-2301 Jan 16 j 23:52	16°♒38'47	-4.8m
retrograde	-2301 Jan 27 j 20:17	18°♒51'50	
evening set	-2301 Feb 14 j 15:26	12°♒39'30	
min. Earth dist.	-2301 Feb 17 j 13:36	10°♒48'54	0.28726 AU
inferior conj	-2301 Feb 18 j 01:21	10°♒30'10	8°25'11
minimum elong	-2301 Feb 18 j 02:11	10°♒28'50	8°25'08
morning rise	-2301 Feb 21 j 13:12	8°♒18'32	
direct	-2301 Mar 11 j 07:51	2°♒15'57	
greatest brilliancy	-2301 Mar 20 j 11:37	3°♒48'57	-4.7m
desc. node	-2301 Apr 14 j 07:30	18°♒57'02	
	-2301 Apr 26 j 20:15	0°♓	
morning max el	-2301 Apr 29 j 04:19	2°♓12'24	45°48'12
	-2301 May 26 j 06:24	0°♈	
	-2301 Jun 22 j 01:58	0°♉	
	-2301 Jul 17 j 16:10	0°♊	
asc. node	-2301 Aug 05 j 08:07	22°♊30'06	
	-2301 Aug 11 j 11:29	0°♋	
	-2301 Sep 04 j 17:46	0°♌	
	-2301 Sep 28 j 16:09	0°♍	
	-2301 Oct 22 j 11:16	0°♎	
morning set	-2301 Oct 25 j 09:34	3°♎41'41	
	-2301 Nov 15 j 06:29	0°♏	
desc. node	-2301 Nov 25 j 00:40	12°♏16'28	
superior conj	-2301 Dec 06 j 07:52	26°♏27'38	-0°26'10
minimum elong	-2301 Dec 06 j 00:59	26°♏06'04	0°25'53
	-2301 Dec 09 j 03:36	0°♐	
max. Earth dist.	-2301 Dec 10 j 17:05	1°♐57'29	1.71364 AU
	-2300 Jan 02 j 03:20	0°♑	
evening rise	-2300 Jan 16 j 18:10	18°♑12'11	
	-2300 Jan 26 j 06:16	0°♒	
	-2300 Feb 19 j 13:31	0°♓	
	-2300 Mar 15 j 02:42	0°♈	
asc. node	-2300 Mar 17 j 00:39	2°♈19'30	
	-2300 Apr 08 j 23:49	0°♉	
	-2300 May 04 j 07:48	0°♊	
	-2300 May 30 j 08:30	0°♋	
	-2300 Jun 26 j 17:19	0°♌	
desc. node	-2300 Jul 06 j 16:41	10°♌16'02	
evening max el	-2300 Jul 12 j 20:33	16°♌20'52	46°16'12
	-2300 Jul 27 j 22:31	0°♍	
greatest brilliancy	-2300 Aug 22 j 10:50	15°♍44'22	-4.9m
retrograde	-2300 Aug 31 j 09:56	17°♍13'01	
evening set	-2300 Sep 17 j 11:33	11°♍43'47	
inferior conj	-2300 Sep 21 j 02:39	9°♍33'38	-7°46'39
minimum elong	-2300 Sep 21 j 12:10	9°♍19'10	7°45'06
min. Earth dist.	-2300 Sep 21 j 16:59	9°♍11'50	0.26812 AU
morning rise	-2300 Sep 25 j 12:31	6°♍56'11	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2300 Oct 11 j 16:32	1°♍52'04		
greatest brilliancy	-2300 Oct 22 j 11:19	4°♍04'05	-4.9m	
asc. node	-2300 Oct 27 j 17:08	6°♍31'09		
	-2300 Nov 25 j 23:55	0°♎		
morning max el	-2300 Dec 01 j 10:50	5°♎27'59	46°52'13	
	-2300 Dec 24 j 05:15	0°♏		
	-2299 Jan 19 j 08:16	0°♐		
	-2299 Feb 13 j 18:34	0°♑		
desc. node	-2299 Feb 16 j 10:16	3°♑09'18		
	-2299 Mar 10 j 21:34	0°♒		
	-2299 Apr 04 j 20:10	0°♓		
	-2299 Apr 29 j 15:00	0°♈		
	-2299 May 24 j 05:44	0°♉		
morning set	-2299 Jun 01 j 16:50	10°♉22'11		
asc. node	-2299 Jun 09 j 10:29	19°♉52'20		
	-2299 Jun 17 j 15:50	0°♊		
max. Earth dist.	-2299 Jul 03 j 14:25	19°♊43'00	1.72743 AU	
superior conj	-2299 Jul 07 j 21:48	25°♊03'40	1°00'25	
minimum elong	-2299 Jul 07 j 13:04	24°♊36'34	1°00'10	
	-2299 Jul 11 j 21:15	0°♋		
	-2299 Aug 04 j 23:01	0°♌		
evening rise	-2299 Aug 13 j 11:52	10°♌39'48		
	-2299 Aug 28 j 23:00	0°♍		
	-2299 Sep 21 j 23:10	0°♎		
desc. node	-2299 Sep 29 j 02:47	8°♎55'25		
	-2299 Oct 16 j 01:05	0°♏		
	-2299 Nov 09 j 06:17	0°♐		
	-2299 Dec 03 j 17:42	0°♑		
	-2299 Dec 28 j 17:49	0°♒		
asc. node	-2298 Jan 20 j 02:32	25°♒47'28		
	-2298 Jan 23 j 21:07	0°♓		
evening max el	-2298 Feb 17 j 02:35	25°♓25'31	45°37'50	
	-2298 Feb 21 j 21:15	0°♈		
greatest brilliancy	-2298 Mar 27 j 03:42	23°♈37'34	-4.7m	
retrograde	-2298 Apr 06 j 21:13	25°♈42'57		
evening set	-2298 Apr 22 j 12:43	21°♈01'50		
inferior conj	-2298 Apr 28 j 09:10	17°♈29'46	3°01'42	
minimum elong	-2298 Apr 28 j 15:19	17°♈20'05	3°00'04	
min. Earth dist.	-2298 Apr 28 j 21:44	17°♈10'00	0.29110 AU	
morning rise	-2298 May 04 j 17:34	13°♈39'30		
desc. node	-2298 May 11 j 19:07	10°♈28'56		
direct	-2298 May 20 j 02:49	9°♈07'06		
greatest brilliancy	-2298 May 30 j 19:51	11°♈09'25	-4.7m	
	-2298 Jun 28 j 04:52	0°♉		
morning max el	-2298 Jul 08 j 03:54	9°♉10'38	45°59'31	
	-2298 Jul 28 j 10:59	0°♊		
	-2298 Aug 24 j 02:20	0°♋		
asc. node	-2298 Sep 01 j 20:05	10°♋16'38		
	-2298 Sep 18 j 06:04	0°♌		
	-2298 Oct 12 j 15:33	0°♍		
	-2298 Nov 05 j 16:35	0°♎		
	-2298 Nov 29 j 15:20	0°♏		
desc. node	-2298 Dec 22 j 12:33	28°♏37'07		
	-2298 Dec 23 j 15:07	0°♐		
morning set	-2297 Jan 10 j 19:00	22°♐38'00		
	-2297 Jan 16 j 17:09	0°♑		
	-2297 Feb 09 j 21:39	0°♒		
superior conj	-2297 Feb 19 j 19:22	12°♒14'59	-1°24'12	
minimum elong	-2297 Feb 19 j 20:50	12°♒19'32	1°24'14	
max. Earth dist.	-2297 Feb 22 j 16:35	15°♒48'44	1.72939 AU	
	-2297 Mar 06 j 04:36	0°♓		
evening rise	-2297 Mar 29 j 16:37	28°♓54'10		
	-2297 Mar 30 j 14:04	0°♈		
asc. node	-2297 Apr 14 j 12:39	18°♈18'34		
	-2297 Apr 24 j 02:09	0°♉		
	-2297 May 18 j 17:00	0°♊		
	-2297 Jun 12 j 11:21	0°♋		
	-2297 Jul 07 j 11:08	0°♌		
	-2297 Aug 01 j 20:24	0°♍		
desc. node	-2297 Aug 04 j 04:39	2°♍44'10		
	-2297 Aug 27 j 23:41	0°♎		
	-2297 Sep 24 j 21:43	0°♏		
evening max el	-2297 Sep 25 j 06:12	0°♏21'25	47°27'15	
	-2297 Oct 31 j 16:25	0°♐		
greatest brilliancy	-2297 Nov 05 j 02:36	1°♐56'16	-4.9m	
retrograde	-2297 Nov 15 j 04:33	3°♐54'01		
asc. node	-2297 Nov 25 j 04:55	1°♐48'47		
	-2297 Nov 29 j 01:13	30°℞♏		
evening set	-2297 Nov 29 j 16:38	29°♏39'19		
min. Earth dist.	-2297 Dec 05 j 00:49	26°♏30'06	0.26682 AU	
inferior conj	-2297 Dec 05 j 20:23	25°♏59'50	2°40'51	
minimum elong	-2297 Dec 05 j 14:40	26°♏08'40	2°39'04	
morning rise	-2297 Dec 11 j 13:18	22°♏36'23		
direct	-2297 Dec 26 j 03:36	18°♏19'17		
greatest brilliancy	-2296 Jan 04 j 11:05	19°♏58'00	-4.9m	
	-2296 Jan 22 j 04:50	0°♐		
morning max el	-2296 Feb 13 j 18:45	19°♐50'33	46°19'09	
	-2296 Feb 23 j 20:46	0°♑		
desc. node	-2296 Mar 15 j 22:02	22°♑33'32		
	-2296 Mar 22 j 14:49	0°♒		
	-2296 Apr 17 j 22:30	0°♓		
	-2296 May 13 j 12:57	0°♈		
	-2296 Jun 07 j 15:31	0°♉		
	-2296 Jul 02 j 08:05	0°♊		
asc. node	-2296 Jul 06 j 22:25	5°♊38'13		
	-2296 Jul 26 j 15:52	0°♋		
morning set	-2296 Aug 09 j 05:24	16°♋53'31		
	-2296 Aug 19 j 16:48	0°♌		
	-2296 Sep 12 j 13:35	0°♍		
max. Earth dist.	-2296 Sep 15 j 03:00	3°♍13'23	1.71156 AU	
superior conj	-2296 Sep 16 j 10:26	4°♍52'22	1°16'10	
minimum elong	-2296 Sep 16 j 18:42	5°♍18'26	1°16'00	
	-2296 Oct 06 j 09:05	0°♎		
desc. node	-2296 Oct 26 j 14:46	25°♎27'49		
evening rise	-2296 Oct 27 j 11:52	26°♎34'07		
	-2296 Oct 30 j 05:25	0°♏		
	-2296 Nov 23 j 03:53	0°♐		
	-2296 Dec 17 j 05:31	0°♑		
	-2295 Jan 10 j 12:15	0°♒		
	-2295 Feb 04 j 03:46	0°♓		
asc. node	-2295 Feb 16 j 14:40	14°♓54'15		
	-2295 Mar 01 j 10:08	0°♈		
	-2295 Mar 27 j 18:19	0°♉		
	-2295 Apr 25 j 08:56	0°♊		
evening max el	-2295 Apr 28 j 21:37	3°♊24'02	45°13'51	
	-2295 Jun 03 j 20:50	0°♋		
greatest brilliancy	-2295 Jun 05 j 23:02	0°♋47'57	-4.7m	
desc. node	-2295 Jun 08 j 07:00	1°♋32'23		
retrograde	-2295 Jun 16 j 08:19	2°♋42'49		
	-2295 Jun 28 j 04:02	30°℞♊		
evening set	-2295 Jul 02 j 01:41	28°♊02'09		
inferior conj	-2295 Jul 07 j 13:56	24°♊46'29	-6°14'02	
minimum elong	-2295 Jul 07 j 03:43	25°♊02'08	6°11'51	
min. Earth dist.	-2295 Jul 07 j 20:30	24°♊36'26	0.28304 AU	
morning rise	-2295 Jul 12 j 05:25	21°♊59'22		
direct	-2295 Jul 29 j 01:26	16°♊39'23		
greatest brilliancy	-2295 Aug 08 j 23:59	18°♊50'45	-4.8m	
	-2295 Aug 27 j 11:40	0°♋		
morning max el	-2295 Sep 17 j 07:07	18°♋52'23	46°38'17	
	-2295 Sep 27 j 23:39	0°♌		
asc. node	-2295 Sep 29 j 07:38	1°♌26'09		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2295 Oct 24 j 13:16	0°♍		
	-2295 Nov 18 j 15:35	0°♎		
	-2295 Dec 13 j 05:02	0°♏		
	-2294 Jan 06 j 14:54	0°♐		
desc. node	-2294 Jan 19 j 00:31	15°♐14'47		
	-2294 Jan 31 j 00:42	0°♑		
	-2294 Feb 24 j 11:15	0°♒		
	-2294 Mar 20 j 22:22	0°♓		
morning set	-2294 Mar 24 j 05:20	4°♓01'57		
	-2294 Apr 14 j 09:37	0°♈		
max. Earth dist.	-2294 Apr 28 j 17:40	17°♈35'00	1.73711 AU	
superior conj	-2294 Apr 29 j 17:52	18°♈49'16	-0°28'23	
minimum elong	-2294 Apr 29 j 23:16	19°♈05'51	0°28'06	
	-2294 May 08 j 20:22	0°♉		
asc. node	-2294 May 12 j 00:39	3°♉54'16		
	-2294 Jun 02 j 06:00	0°♊		
evening rise	-2294 Jun 04 j 13:58	2°♊52'16		
	-2294 Jun 26 j 14:24	0°♋		
	-2294 Jul 20 j 22:21	0°♌		
	-2294 Aug 14 j 07:29	0°♍		
desc. node	-2294 Aug 31 j 16:46	21°♍17'56		
	-2294 Sep 07 j 19:52	0°♎		
	-2294 Oct 02 j 14:21	0°♏		
	-2294 Oct 27 j 20:43	0°♐		
	-2294 Nov 23 j 07:11	0°♑		
evening max el	-2294 Dec 05 j 19:49	13°♑15'01	47°00'58	
asc. node	-2294 Dec 22 j 16:48	29°♑15'02		
	-2294 Dec 23 j 13:51	0°♒		
greatest brilliancy	-2293 Jan 14 j 16:42	14°♒25'10	-4.8m	
retrograde	-2293 Jan 25 j 12:36	16°♒37'37		
evening set	-2293 Feb 12 j 07:16	10°♒26'18		
min. Earth dist.	-2293 Feb 15 j 04:26	8°♒37'08	0.28672 AU	
inferior conj	-2293 Feb 15 j 17:23	8°♒16'26	8°26'14	
minimum elong	-2293 Feb 15 j 17:29	8°♒16'17	8°26'11	
morning rise	-2293 Feb 19 j 03:58	6°♒06'32		
direct	-2293 Mar 08 j 23:25	0°♒03'23		
greatest brilliancy	-2293 Mar 18 j 01:31	1°♒34'57	-4.7m	
desc. node	-2293 Apr 13 j 09:30	17°♒56'36		
	-2293 Apr 26 j 19:21	0°♓		
morning max el	-2293 Apr 26 j 19:18	29°♒59'54	45°48'35	
	-2293 May 25 j 22:16	0°♈		
	-2293 Jun 21 j 15:20	0°♉		
	-2293 Jul 17 j 04:23	0°♊		
asc. node	-2293 Aug 04 j 10:21	22°♊01'13		
	-2293 Aug 10 j 23:06	0°♋		
	-2293 Sep 04 j 05:06	0°♌		
greatest brilliancy	-2293 Sep 17 j 12:27	16°♌38'57	-3.9m	
	-2293 Sep 28 j 03:22	0°♍		
	-2293 Oct 21 j 22:27	0°♎		
morning set	-2293 Oct 22 j 20:11	1°♎08'34		
	-2293 Nov 14 j 17:38	0°♏		
desc. node	-2293 Nov 24 j 02:45	11°♏48'05		
superior conj	-2293 Dec 03 j 16:49	23°♏50'25	-0°22'18	
minimum elong	-2293 Dec 03 j 10:53	23°♏31'46	0°22'04	
max. Earth dist.	-2293 Dec 08 j 01:17	29°♏17'59	1.71315 AU	
	-2293 Dec 08 j 14:41	0°♐		
	-2292 Jan 01 j 14:22	0°♑		
evening rise	-2292 Jan 14 j 05:39	15°♑44'20		
	-2292 Jan 25 j 17:18	0°♒		
	-2292 Feb 19 j 00:39	0°♓		
	-2292 Mar 14 j 14:04	0°♈		
asc. node	-2292 Mar 16 j 02:40	1°♈51'00		
	-2292 Apr 08 j 11:42	0°♉		
	-2292 May 03 j 20:36	0°♊		
	-2292 May 29 j 23:08	0°♋		
	-2292 Jun 26 j 12:07	0°♌		
desc. node	-2292 Jul 05 j 18:54	9°♌27'40		
evening max el	-2292 Jul 10 j 08:22	13°♌56'11	46°13'09	
	-2292 Jul 28 j 09:49	0°♍		
greatest brilliancy	-2292 Aug 19 j 23:11	13°♍18'36	-4.8m	
retrograde	-2292 Aug 28 j 21:11	14°♍46'42		
evening set	-2292 Sep 15 j 02:52	9°♍12'50		
inferior conj	-2292 Sep 18 j 15:02	7°♍07'06	-7°57'46	
minimum elong	-2292 Sep 19 j 00:03	6°♍53'24	7°56'25	
min. Earth dist.	-2292 Sep 19 j 06:07	6°♍44'11	0.26866 AU	
morning rise	-2292 Sep 22 j 20:57	4°♍35'11		
	-2292 Oct 03 j 19:55	30°℞♌		
direct	-2292 Oct 09 j 05:01	29°♌24'25		
	-2292 Oct 14 j 17:01	0°♍		
greatest brilliancy	-2292 Oct 20 j 01:48	1°♍37'55	-4.9m	
asc. node	-2292 Oct 26 j 19:15	4°♍54'55		
	-2292 Nov 26 j 00:37	0°♎		
morning max el	-2292 Nov 28 j 23:23	2°♎58'59	46°52'44	
	-2292 Dec 23 j 22:19	0°♏		
	-2291 Jan 18 j 22:32	0°♐		
	-2291 Feb 13 j 07:23	0°♑		
desc. node	-2291 Feb 15 j 12:23	2°♑37'46		
	-2291 Mar 10 j 09:30	0°♒		
	-2291 Apr 04 j 07:32	0°♓		
	-2291 Apr 29 j 02:00	0°♈		
	-2291 May 23 j 16:32	0°♉		
morning set	-2291 May 30 j 11:25	8°♉18'57		
asc. node	-2291 Jun 08 j 12:39	19°♉26'05		
	-2291 Jun 17 j 02:32	0°♊		
max. Earth dist.	-2291 Jul 01 j 10:36	17°♊43'37	1.72798 AU	
superior conj	-2291 Jul 05 j 15:51	22°♊57'30	0°58'09	
minimum elong	-2291 Jul 05 j 07:08	22°♊30'31	0°57'54	
	-2291 Jul 11 j 07:57	0°♋		
	-2291 Aug 04 j 09:50	0°♌		
evening rise	-2291 Aug 11 j 03:41	8°♌25'21		
	-2291 Aug 28 j 10:01	0°♍		
	-2291 Sep 21 j 10:26	0°♎		
desc. node	-2291 Sep 28 j 04:48	8°♎26'14		
	-2291 Oct 15 j 12:39	0°♏		
	-2291 Nov 08 j 18:15	0°♐		
	-2291 Dec 03 j 06:16	0°♑		
	-2291 Dec 28 j 07:29	0°♒		
asc. node	-2290 Jan 19 j 04:43	25°♒10'00		
	-2290 Jan 23 j 13:15	0°♓		
evening max el	-2290 Feb 14 j 17:16	23°♓11'24	45°40'14	
	-2290 Feb 21 j 21:33	0°♈		
greatest brilliancy	-2290 Mar 24 j 19:54	21°♈29'50	-4.7m	
retrograde	-2290 Apr 04 j 14:12	23°♈36'18		
evening set	-2290 Apr 20 j 07:23	18°♈51'36		
inferior conj	-2290 Apr 26 j 01:53	15°♈22'15	3°19'26	
minimum elong	-2290 Apr 26 j 08:33	15°♈11'48	3°17'41	
min. Earth dist.	-2290 Apr 26 j 14:22	15°♈02'40	0.29128 AU	
morning rise	-2290 May 02 j 09:23	11°♈33'23		
desc. node	-2290 May 10 j 21:15	7°♈55'57		
direct	-2290 May 17 j 19:16	6°♈59'08		
greatest brilliancy	-2290 May 28 j 12:16	9°♈01'40	-4.7m	
	-2290 Jun 28 j 07:17	0°♉		
morning max el	-2290 Jul 05 j 20:37	7°♉02'15	45°58'34	
	-2290 Jul 28 j 03:34	0°♊		
	-2290 Aug 23 j 16:03	0°♋		
asc. node	-2290 Aug 31 j 22:03	9°♋43'17		
	-2290 Sep 17 j 18:33	0°♌		
	-2290 Oct 12 j 03:24	0°♍		
	-2290 Nov 05 j 04:05	0°♎		
	-2290 Nov 29 j 02:37	0°♏		
desc. node	-2290 Dec 21 j 14:44	28°♏09'12		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2290 Dec 23 j 02:13	0°♐	
morning set	-2289 Jan 08 j 05:50	20°♐08'02	
	-2289 Jan 16 j 04:08	0°♑	
	-2289 Feb 09 j 08:30	0°♒	
superior conj	-2289 Feb 17 j 09:51	9°♒58'06	-1°24'24
minimum elong	-2289 Feb 17 j 10:31	10°♒00'07	1°24'27
max. Earth dist.	-2289 Feb 20 j 07:40	13°♒33'49	1.72889 AU
	-2289 Mar 05 j 15:21	0°♓	
evening rise	-2289 Mar 27 j 09:34	26°♓46'00	
	-2289 Mar 30 j 00:49	0°♈	
asc. node	-2289 Apr 13 j 14:41	17°♈51'44	
	-2289 Apr 23 j 13:01	0°♉	
	-2289 May 18 j 04:12	0°♊	
	-2289 Jun 11 j 23:06	0°♋	
	-2289 Jul 06 j 23:45	0°♌	
	-2289 Aug 01 j 10:23	0°♍	
desc. node	-2289 Aug 03 j 06:45	2°♍09'06	
	-2289 Aug 27 j 16:16	0°♎	
evening max el	-2289 Sep 22 j 20:55	27°♎59'52	47°26'16
	-2289 Sep 24 j 20:59	0°♏	
greatest brilliancy	-2289 Nov 02 j 16:18	29°♏29'06	-4.9m
	-2289 Nov 04 j 03:52	0°♐	
retrograde	-2289 Nov 12 j 18:25	1°♐26'46	
	-2289 Nov 21 j 01:38	30°℞♏	
asc. node	-2289 Nov 24 j 07:02	28°♏41'38	
evening set	-2289 Nov 27 j 05:00	27°♏13'22	
min. Earth dist.	-2289 Dec 02 j 14:27	24°♏02'30	0.26634 AU
inferior conj	-2289 Dec 03 j 09:20	23°♏33'23	2°18'19
minimum elong	-2289 Dec 03 j 04:20	23°♏41'04	2°16'44
morning rise	-2289 Dec 09 j 04:21	20°♏07'44	
direct	-2289 Dec 23 j 16:41	15°♏53'40	
greatest brilliancy	-2288 Jan 02 j 00:32	17°♏33'17	-4.9m
	-2288 Jan 22 j 20:34	0°♐	
morning max el	-2288 Feb 11 j 09:37	17°♐33'05	46°20'29
	-2288 Feb 23 j 16:15	0°♑	
desc. node	-2288 Mar 15 j 00:00	21°♑55'33	
	-2288 Mar 22 j 05:46	0°♒	
	-2288 Apr 17 j 11:29	0°♓	
	-2288 May 13 j 00:52	0°♈	
	-2288 Jun 07 j 02:50	0°♉	
	-2288 Jul 01 j 19:05	0°♊	
asc. node	-2288 Jul 06 j 00:32	5°♊11'05	
	-2288 Jul 26 j 02:45	0°♋	
morning set	-2288 Aug 06 j 20:55	14°♋38'16	
	-2288 Aug 19 j 03:39	0°♌	
	-2288 Sep 12 j 00:29	0°♍	
max. Earth dist.	-2288 Sep 12 j 09:40	0°♍28'53	1.71189 AU
superior conj	-2288 Sep 13 j 23:20	2°♍27'28	1°17'40
minimum elong	-2288 Sep 14 j 06:56	2°♍51'23	1°17'33
	-2288 Oct 05 j 20:03	0°♎	
evening rise	-2288 Oct 24 j 21:19	23°♎58'17	
desc. node	-2288 Oct 25 j 16:55	24°♎59'51	
	-2288 Oct 29 j 16:29	0°♏	
	-2288 Nov 22 j 15:02	0°♐	
	-2288 Dec 16 j 16:48	0°♑	
	-2287 Jan 09 j 23:47	0°♒	
	-2287 Feb 03 j 15:47	0°♓	
asc. node	-2287 Feb 15 j 16:37	14°♓23'05	
	-2287 Feb 28 j 23:10	0°♈	
	-2287 Mar 27 j 09:38	0°♉	
	-2287 Apr 25 j 06:38	0°♊	
evening max el	-2287 Apr 26 j 13:32	1°♊13'52	45°13'11
greatest brilliancy	-2287 Jun 03 j 13:05	28°♊34'40	-4.7m
desc. node	-2287 Jun 07 j 09:11	29°♊42'27	
	-2287 Jun 08 j 18:30	0°♋	
retrograde	-2287 Jun 13 j 22:44	0°♋29'39	
	-2287 Jun 18 j 23:48	30°℞♊	
evening set	-2287 Jun 29 j 13:52	25°♊52'54	
inferior conj	-2287 Jul 05 j 04:57	22°♊32'54	-5°58'48
minimum elong	-2287 Jul 04 j 18:48	22°♊48'29	5°56'33
min. Earth dist.	-2287 Jul 05 j 11:23	22°♊23'00	0.28340 AU
morning rise	-2287 Jul 09 j 23:22	19°♊41'11	
direct	-2287 Jul 26 j 17:12	14°♊25'18	
greatest brilliancy	-2287 Aug 06 j 14:59	16°♊35'32	-4.8m
	-2287 Aug 27 j 22:51	0°♋	
morning max el	-2287 Sep 14 j 21:00	16°♋31'16	46°36'54
	-2287 Sep 27 j 18:18	0°♌	
asc. node	-2287 Sep 28 j 09:44	0°♌41'52	
	-2287 Oct 24 j 04:08	0°♍	
	-2287 Nov 18 j 04:50	0°♎	
	-2287 Dec 12 j 17:25	0°♏	
	-2286 Jan 06 j 02:42	0°♐	
desc. node	-2286 Jan 18 j 02:36	14°♐45'39	
	-2286 Jan 30 j 12:04	0°♑	
	-2286 Feb 23 j 22:18	0°♒	
	-2286 Mar 20 j 09:12	0°♓	
morning set	-2286 Mar 21 j 22:30	1°♓54'19	
	-2286 Apr 13 j 20:20	0°♈	
max. Earth dist.	-2286 Apr 26 j 15:10	15°♈40'54	1.73711 AU
superior conj	-2286 Apr 27 j 12:24	16°♈46'04	-0°31'16
minimum elong	-2286 Apr 27 j 18:18	17°♈04'08	0°30'59
	-2286 May 08 j 07:04	0°♉	
asc. node	-2286 May 11 j 02:50	3°♉28'05	
	-2286 Jun 01 j 16:47	0°♊	
evening rise	-2286 Jun 02 j 09:15	0°♊50'40	
	-2286 Jun 26 j 01:23	0°♋	
	-2286 Jul 20 j 09:40	0°♌	
	-2286 Aug 13 j 19:17	0°♍	
desc. node	-2286 Aug 30 j 18:46	20°♍46'35	
	-2286 Sep 07 j 08:20	0°♎	
	-2286 Oct 02 j 03:46	0°♏	
	-2286 Oct 27 j 11:44	0°♐	
	-2286 Nov 23 j 01:45	0°♑	
evening max el	-2286 Dec 03 j 10:51	10°♑55'35	47°03'28
asc. node	-2286 Dec 21 j 18:59	28°♑11'56	
	-2286 Dec 23 j 23:12	0°♒	
greatest brilliancy	-2285 Jan 12 j 10:00	12°♒12'22	-4.8m
retrograde	-2285 Jan 23 j 04:37	14°♒23'56	
evening set	-2285 Feb 09 j 22:53	8°♒14'11	
inferior conj	-2285 Feb 13 j 09:33	6°♒03'23	8°26'31
minimum elong	-2285 Feb 13 j 08:53	6°♒04'26	8°26'29
min. Earth dist.	-2285 Feb 12 j 19:38	6°♒25'39	0.28614 AU
morning rise	-2285 Feb 16 j 19:10	3°♒54'48	
	-2285 Feb 24 j 06:23	30°℞♑	
direct	-2285 Mar 06 j 14:40	27°♑51'24	
greatest brilliancy	-2285 Mar 15 j 16:03	29°♑22'08	-4.7m
	-2285 Mar 17 j 11:29	0°♒	
desc. node	-2285 Apr 12 j 11:40	16°♒58'25	
morning max el	-2285 Apr 24 j 09:41	27°♒46'05	45°48'57
	-2285 Apr 26 j 17:24	0°♓	
	-2285 May 25 j 13:51	0°♈	
	-2285 Jun 21 j 04:37	0°♉	
	-2285 Jul 16 j 16:35	0°♊	
asc. node	-2285 Aug 03 j 12:21	21°♊31'34	
	-2285 Aug 10 j 10:44	0°♋	
	-2285 Sep 03 j 16:26	0°♌	
greatest brilliancy	-2285 Sep 20 j 13:58	21°♌09'45	-3.9m
	-2285 Sep 27 j 14:36	0°♍	
morning set	-2285 Oct 20 j 06:56	28°♍35'45	
	-2285 Oct 21 j 09:38	0°♎	
	-2285 Nov 14 j 04:49	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2285 Nov 23 j 04:53	11°♏19'41	
superior conj	-2285 Dec 01 j 01:49	21°♏13'03	-0°18'24
minimum elong	-2285 Nov 30 j 20:52	20°♏57'29	0°18'12
max. Earth dist.	-2285 Dec 05 j 05:49	26°♏26'42	1.71271 AU
	-2285 Dec 08 j 01:51	0°♐	
	-2284 Jan 01 j 01:30	0°♑	
evening rise	-2284 Jan 11 j 17:05	13°♑15'59	
	-2284 Jan 25 j 04:26	0°♒	
	-2284 Feb 18 j 11:51	0°♓	
	-2284 Mar 14 j 01:31	0°♈	
asc. node	-2284 Mar 15 j 04:47	1°♈22'40	
	-2284 Apr 07 j 23:40	0°♉	
	-2284 May 03 j 09:35	0°♊	
	-2284 May 29 j 14:05	0°♋	
	-2284 Jun 26 j 07:39	0°♌	
desc. node	-2284 Jul 04 j 20:57	8°♌37'36	
evening max el	-2284 Jul 07 j 20:17	11°♌31'28	46°10'10
	-2284 Jul 29 j 01:10	0°♍	
greatest brilliancy	-2284 Aug 17 j 11:09	10°♍52'13	-4.8m
retrograde	-2284 Aug 26 j 09:02	12°♍20'31	
evening set	-2284 Sep 12 j 18:04	6°♍41'57	
inferior conj	-2284 Sep 16 j 03:30	4°♍40'23	-8°07'46
minimum elong	-2284 Sep 16 j 11:57	4°♍27'36	8°06'38
min. Earth dist.	-2284 Sep 16 j 19:01	4°♍16'53	0.26921 AU
morning rise	-2284 Sep 20 j 05:33	2°♍14'12	
	-2284 Sep 24 j 10:37	30°℞♌	
direct	-2284 Oct 06 j 17:50	26°♌56'35	
greatest brilliancy	-2284 Oct 17 j 16:08	29°♌11'32	-4.9m
	-2284 Oct 19 j 14:07	0°♍	
asc. node	-2284 Oct 25 j 21:26	3°♍22'03	
	-2284 Nov 26 j 00:21	0°♎	
morning max el	-2284 Nov 26 j 12:45	0°♎31'38	46°53'10
	-2284 Dec 23 j 15:13	0°♏	
	-2283 Jan 18 j 12:51	0°♐	
	-2283 Feb 12 j 20:20	0°♑	
desc. node	-2283 Feb 14 j 14:19	2°♑05'13	
	-2283 Mar 09 j 21:36	0°♒	
	-2283 Apr 03 j 19:05	0°♓	
	-2283 Apr 28 j 13:11	0°♈	
	-2283 May 23 j 03:29	0°♉	
morning set	-2283 May 28 j 06:15	6°♉15'59	
asc. node	-2283 Jun 07 j 14:45	18°♉59'01	
	-2283 Jun 16 j 13:25	0°♊	
max. Earth dist.	-2283 Jun 29 j 08:10	15°♊47'54	1.72855 AU
superior conj	-2283 Jul 03 j 10:00	20°♊51'04	0°55'50
minimum elong	-2283 Jul 03 j 01:24	20°♊24'23	0°55'34
	-2283 Jul 10 j 18:54	0°♋	
	-2283 Aug 03 j 20:57	0°♌	
evening rise	-2283 Aug 08 j 19:40	6°♌10'34	
	-2283 Aug 27 j 21:20	0°♍	
	-2283 Sep 20 j 22:00	0°♎	
desc. node	-2283 Sep 27 j 06:56	7°♎56'39	
	-2283 Oct 15 j 00:31	0°♏	
	-2283 Nov 08 j 06:31	0°♐	
	-2283 Dec 02 j 19:11	0°♑	
	-2283 Dec 27 j 21:34	0°♒	
asc. node	-2282 Jan 18 j 06:42	24°♒30'42	
	-2282 Jan 23 j 05:59	0°♓	
evening max el	-2282 Feb 12 j 08:55	20°♓58'39	45°42'42
	-2282 Feb 21 j 23:32	0°♈	
greatest brilliancy	-2282 Mar 22 j 12:02	19°♈21'16	-4.7m
retrograde	-2282 Apr 02 j 07:38	21°♈28'49	
evening set	-2282 Apr 18 j 02:13	16°♈40'39	
inferior conj	-2282 Apr 23 j 18:39	13°♈14'00	3°36'46
minimum elong	-2282 Apr 24 j 01:46	13°♈02'49	3°34'57
min. Earth dist.	-2282 Apr 24 j 06:40	12°♈55'07	0.29141 AU
morning rise	-2282 Apr 30 j 01:05	9°♈26'48	
desc. node	-2282 May 09 j 23:22	5°♈27'05	
direct	-2282 May 15 j 12:09	4°♈50'40	
greatest brilliancy	-2282 May 26 j 03:59	6°♈52'39	-4.7m
	-2282 Jun 28 j 08:35	0°♉	
morning max el	-2282 Jul 03 j 13:41	4°♉54'13	45°57'32
	-2282 Jul 27 j 20:08	0°♊	
	-2282 Aug 23 j 05:58	0°♋	
asc. node	-2282 Aug 31 j 00:10	9°♋09'37	
	-2282 Sep 17 j 07:20	0°♌	
	-2282 Oct 11 j 15:37	0°♍	
	-2282 Nov 04 j 15:57	0°♎	
	-2282 Nov 28 j 14:14	0°♏	
desc. node	-2282 Dec 20 j 16:46	27°♏39'49	
	-2282 Dec 22 j 13:40	0°♐	
morning set	-2281 Jan 05 j 16:23	17°♐36'07	
	-2281 Jan 15 j 15:26	0°♑	
	-2281 Feb 08 j 19:41	0°♒	
superior conj	-2281 Feb 15 j 00:02	7°♒39'01	-1°24'27
minimum elong	-2281 Feb 14 j 23:50	7°♒38'25	1°24'30
max. Earth dist.	-2281 Feb 18 j 00:17	11°♒22'23	1.72840 AU
	-2281 Mar 05 j 02:28	0°♓	
evening rise	-2281 Mar 25 j 02:24	24°♓36'14	
	-2281 Mar 29 j 11:56	0°♈	
asc. node	-2281 Apr 12 j 16:54	17°♈24'14	
	-2281 Apr 23 j 00:16	0°♉	
	-2281 May 17 j 15:46	0°♊	
	-2281 Jun 11 j 11:12	0°♋	
	-2281 Jul 06 j 12:44	0°♌	
	-2281 Aug 01 j 00:52	0°♍	
desc. node	-2281 Aug 02 j 08:44	1°♍32'25	
	-2281 Aug 27 j 09:36	0°♎	
evening max el	-2281 Sep 20 j 12:00	25°♎37'50	47°24'54
	-2281 Sep 24 j 21:58	0°♏	
greatest brilliancy	-2281 Oct 31 j 05:55	26°♏59'50	-4.9m
retrograde	-2281 Nov 10 j 08:03	28°♏56'50	
asc. node	-2281 Nov 23 j 09:10	25°♏27'15	
evening set	-2281 Nov 24 j 17:21	24°♏44'53	
min. Earth dist.	-2281 Nov 30 j 03:54	21°♏32'21	0.26586 AU
inferior conj	-2281 Nov 30 j 21:58	21°♏04'30	1°55'12
minimum elong	-2281 Nov 30 j 17:46	21°♏10'58	1°53'50
morning rise	-2281 Dec 06 j 18:56	17°♏36'43	
direct	-2281 Dec 21 j 05:36	13°♏25'52	
greatest brilliancy	-2281 Dec 30 j 13:34	15°♏05'56	-4.9m
	-2280 Jan 23 j 09:02	0°♐	
morning max el	-2280 Feb 08 j 23:35	15°♐11'55	46°21'49
	-2280 Feb 23 j 11:38	0°♑	
desc. node	-2280 Mar 14 j 02:14	21°♑17'31	
	-2280 Mar 21 j 20:54	0°♒	
	-2280 Apr 17 j 00:45	0°♓	
	-2280 May 12 j 13:06	0°♈	
	-2280 Jun 06 j 14:29	0°♉	
	-2280 Jul 01 j 06:25	0°♊	
asc. node	-2280 Jul 05 j 02:35	4°♊42'44	
	-2280 Jul 25 j 13:55	0°♋	
morning set	-2280 Aug 04 j 12:50	12°♋23'28	
	-2280 Aug 18 j 14:48	0°♌	
max. Earth dist.	-2280 Sep 09 j 15:36	27°♌41'18	1.71229 AU
	-2280 Sep 11 j 11:41	0°♍	
superior conj	-2280 Sep 11 j 12:38	0°♍03'00	1°19'00
minimum elong	-2280 Sep 11 j 19:32	0°♍24'42	1°18'55
	-2280 Oct 05 j 07:22	0°♎	
evening rise	-2280 Oct 22 j 06:41	21°♎20'58	
desc. node	-2280 Oct 24 j 19:03	24°♎30'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2280 Oct 29 j 03:56	0°♏	
	-2280 Nov 22 j 02:37	0°♐	
	-2280 Dec 16 j 04:31	0°♑	
	-2279 Jan 09 j 11:44	0°♒	
	-2279 Feb 03 j 04:16	0°♓	
asc. node	-2279 Feb 14 j 18:46	13°♓51'11	
	-2279 Feb 28 j 12:44	0°♈	
	-2279 Mar 27 j 01:37	0°♉	
evening max el	-2279 Apr 24 j 04:38	29°♉00'34	45°12'35
	-2279 Apr 25 j 05:43	0°♊	
greatest brilliancy	-2279 Jun 01 j 03:45	26°♊21'04	-4.7m
desc. node	-2279 Jun 06 j 11:15	27°♊47'23	
retrograde	-2279 Jun 11 j 12:57	28°♊15'52	
evening set	-2279 Jun 27 j 02:16	23°♊42'40	
inferior conj	-2279 Jul 02 j 20:02	20°♊18'50	-5°43'08
minimum elong	-2279 Jul 02 j 10:00	20°♊34'16	5°40'49
min. Earth dist.	-2279 Jul 03 j 02:47	20°♊08'27	0.28372 AU
morning rise	-2279 Jul 07 j 17:19	17°♊22'36	
direct	-2279 Jul 24 j 08:26	12°♊10'38	
greatest brilliancy	-2279 Aug 04 j 06:30	14°♊20'25	-4.8m
	-2279 Aug 28 j 07:21	0°♋	
morning max el	-2279 Sep 12 j 10:13	14°♋07'58	46°35'39
asc. node	-2279 Sep 27 j 11:59	29°♋58'03	
	-2279 Sep 27 j 12:41	0°♌	
	-2279 Oct 23 j 19:03	0°♍	
	-2279 Nov 17 j 18:16	0°♎	
	-2279 Dec 12 j 06:03	0°♏	
	-2278 Jan 05 j 14:49	0°♐	
desc. node	-2278 Jan 17 j 04:38	14°♐15'20	
	-2278 Jan 29 j 23:46	0°♑	
	-2278 Feb 23 j 09:40	0°♒	
morning set	-2278 Mar 19 j 15:11	29°♒44'10	
	-2278 Mar 19 j 20:20	0°♓	
	-2278 Apr 13 j 07:21	0°♈	
max. Earth dist.	-2278 Apr 24 j 11:23	13°♈42'01	1.73710 AU
superior conj	-2278 Apr 25 j 06:44	14°♈41'22	-0°34'08
minimum elong	-2278 Apr 25 j 13:05	15°♈00'51	0°33'51
	-2278 May 07 j 18:04	0°♉	
asc. node	-2278 May 10 j 04:52	3°♉00'35	
evening rise	-2278 May 31 j 04:31	28°♉48'11	
	-2278 Jun 01 j 03:52	0°♊	
	-2278 Jun 25 j 12:39	0°♋	
	-2278 Jul 19 j 21:15	0°♌	
	-2278 Aug 13 j 07:19	0°♍	
desc. node	-2278 Aug 29 j 20:59	20°♍15'24	
	-2278 Sep 06 j 21:01	0°♎	
	-2278 Oct 01 j 17:24	0°♏	
	-2278 Oct 27 j 03:03	0°♐	
	-2278 Nov 22 j 20:59	0°♑	
evening max el	-2278 Dec 01 j 00:58	8°♑33'03	47°05'43
asc. node	-2278 Dec 20 j 20:59	27°♑06'00	
	-2278 Dec 24 j 12:20	0°♒	
greatest brilliancy	-2277 Jan 10 j 03:04	9°♒57'45	-4.8m
retrograde	-2277 Jan 20 j 20:24	12°♒08'45	
evening set	-2277 Feb 07 j 13:57	6°♒00'50	
min. Earth dist.	-2277 Feb 10 j 10:49	4°♒12'17	0.28559 AU
inferior conj	-2277 Feb 11 j 01:32	3°♒48'44	8°26'00
minimum elong	-2277 Feb 11 j 00:07	3°♒51'00	8°25'55
morning rise	-2277 Feb 14 j 10:32	1°♒41'05	
	-2277 Feb 17 j 07:28	30°℞♑	
direct	-2277 Mar 04 j 05:22	25°♑37'39	
greatest brilliancy	-2277 Mar 13 j 06:50	27°♑08'13	-4.8m
	-2277 Mar 20 j 03:02	0°♒	
desc. node	-2277 Apr 11 j 13:49	16°♒00'31	
morning max el	-2277 Apr 22 j 00:05	25°♒31'21	45°49'28
	-2277 Apr 26 j 14:58	0°♓	
	-2277 May 25 j 05:26	0°♈	
	-2277 Jun 20 j 17:59	0°♉	
	-2277 Jul 16 j 04:53	0°♊	
asc. node	-2277 Aug 02 j 14:27	21°♊01'49	
	-2277 Aug 09 j 22:28	0°♋	
	-2277 Sep 03 j 03:53	0°♌	
greatest brilliancy	-2277 Sep 22 j 04:42	23°♌51'18	-3.9m
	-2277 Sep 27 j 01:54	0°♍	
morning set	-2277 Oct 17 j 18:15	26°♍04'34	
	-2277 Oct 20 j 20:52	0°♎	
	-2277 Nov 13 j 16:00	0°♏	
desc. node	-2277 Nov 22 j 06:55	10°♏50'56	
superior conj	-2277 Nov 28 j 11:10	18°♏36'41	-0°14'29
minimum elong	-2277 Nov 28 j 07:13	18°♏24'18	0°14'20
behind sun begin	-2277 Nov 27 j 18:01	17°♏42'49	
behind sun end	-2277 Nov 28 j 20:25	19°♏05'46	
max. Earth dist.	-2277 Dec 02 j 09:57	23°♏34'10	1.71232 AU
	-2277 Dec 07 j 13:00	0°♐	
	-2277 Dec 31 j 12:38	0°♑	
evening rise	-2276 Jan 09 j 04:34	10°♑47'43	
	-2276 Jan 24 j 15:36	0°♒	
	-2276 Feb 17 j 23:09	0°♓	
	-2276 Mar 13 j 13:05	0°♈	
asc. node	-2276 Mar 14 j 06:56	0°♈54'07	
	-2276 Apr 07 j 11:46	0°♉	
	-2276 May 02 j 22:44	0°♊	
	-2276 May 29 j 05:19	0°♋	
	-2276 Jun 26 j 03:52	0°♌	
desc. node	-2276 Jul 03 j 23:00	7°♌46'26	
evening max el	-2276 Jul 05 j 08:51	9°♌08'27	46°07'17
	-2276 Jul 29 j 21:44	0°♍	
greatest brilliancy	-2276 Aug 14 j 22:25	8°♍25'10	-4.8m
retrograde	-2276 Aug 23 j 21:29	9°♍54'20	
evening set	-2276 Sep 10 j 09:03	4°♍11'12	
inferior conj	-2276 Sep 13 j 15:53	2°♍13'35	-8°16'59
minimum elong	-2276 Sep 13 j 23:41	2°♍01'46	8°16'01
min. Earth dist.	-2276 Sep 14 j 07:27	1°♍50'02	0.26974 AU
	-2276 Sep 17 j 09:22	30°℞♌	
morning rise	-2276 Sep 17 j 14:05	29°♌53'11	
direct	-2276 Oct 04 j 06:59	24°♌28'46	
greatest brilliancy	-2276 Oct 15 j 05:46	26°♌44'31	-4.9m
	-2276 Oct 21 j 21:54	0°♍	
asc. node	-2276 Oct 24 j 23:28	1°♍52'22	
morning max el	-2276 Nov 24 j 03:05	28°♍07'10	46°53'45
	-2276 Nov 25 j 22:57	0°♎	
	-2276 Dec 23 j 07:37	0°♏	
	-2275 Jan 18 j 02:50	0°♐	
	-2275 Feb 12 j 09:02	0°♑	
desc. node	-2275 Feb 13 j 16:33	1°♑34'08	
	-2275 Mar 09 j 09:32	0°♒	
	-2275 Apr 03 j 06:30	0°♓	
	-2275 Apr 28 j 00:16	0°♈	
	-2275 May 22 j 14:22	0°♉	
morning set	-2275 May 26 j 00:55	4°♉12'49	
asc. node	-2275 Jun 06 j 16:47	18°♉32'00	
	-2275 Jun 16 j 00:12	0°♊	
max. Earth dist.	-2275 Jun 27 j 05:12	13°♊50'57	1.72908 AU
superior conj	-2275 Jul 01 j 04:00	18°♊44'29	0°53'25
minimum elong	-2275 Jun 30 j 19:31	18°♊18'14	0°53'09
	-2275 Jul 10 j 05:45	0°♋	
	-2275 Aug 03 j 07:56	0°♌	
evening rise	-2275 Aug 06 j 11:39	3°♌56'16	
	-2275 Aug 27 j 08:32	0°♍	
	-2275 Sep 20 j 09:27	0°♎	
desc. node	-2275 Sep 26 j 09:02	7°♎27'16	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2275 Oct 14 j 12:15	0°♏	
	-2275 Nov 07 j 18:39	0°♐	
	-2275 Dec 02 j 07:54	0°♑	
	-2275 Dec 27 j 11:27	0°♒	
asc. node	-2274 Jan 17 j 08:53	23°♒52'40	
	-2274 Jan 22 j 22:40	0°♓	
evening max el	-2274 Feb 10 j 01:21	18°♓48'45	45°45'06
	-2274 Feb 22 j 02:34	0°♈	
greatest brilliancy	-2274 Mar 20 j 04:26	17°♈14'02	-4.7m
retrograde	-2274 Mar 31 j 01:03	19°♈22'08	
evening set	-2274 Apr 15 j 21:16	14°♈30'40	
inferior conj	-2274 Apr 21 j 11:30	11°♈06'38	3°53'51
minimum elong	-2274 Apr 21 j 19:02	10°♈54'47	3°51'58
min. Earth dist.	-2274 Apr 21 j 22:54	10°♈48'43	0.29155 AU
morning rise	-2274 Apr 27 j 16:43	7°♈21'12	
desc. node	-2274 May 09 j 01:25	3°♈03'51	
direct	-2274 May 13 j 05:27	2°♈43'14	
greatest brilliancy	-2274 May 23 j 19:17	4°♈43'50	-4.7m
	-2274 Jun 28 j 08:27	0°♉	
morning max el	-2274 Jul 01 j 06:44	2°♉46'50	45°56'27
	-2274 Jul 27 j 12:11	0°♊	
	-2274 Aug 22 j 19:33	0°♋	
asc. node	-2274 Aug 30 j 02:24	8°♋37'11	
	-2274 Sep 16 j 19:48	0°♌	
	-2274 Oct 11 j 03:31	0°♍	
	-2274 Nov 04 j 03:31	0°♎	
	-2274 Nov 28 j 01:34	0°♏	
desc. node	-2274 Dec 19 j 18:49	27°♏11'18	
	-2274 Dec 22 j 00:49	0°♐	
morning set	-2273 Jan 03 j 03:10	15°♐05'45	
	-2273 Jan 15 j 02:24	0°♑	
	-2273 Feb 08 j 06:31	0°♒	
superior conj	-2273 Feb 12 j 14:24	5°♒21'35	-1°24'22
minimum elong	-2273 Feb 12 j 13:20	5°♒18'17	1°24'24
max. Earth dist.	-2273 Feb 15 j 19:17	9°♒19'25	1.72787 AU
	-2273 Mar 04 j 13:12	0°♓	
evening rise	-2273 Mar 22 j 19:28	22°♓28'17	
	-2273 Mar 28 j 22:41	0°♈	
asc. node	-2273 Apr 11 j 18:57	16°♈57'22	
	-2273 Apr 22 j 11:12	0°♉	
	-2273 May 17 j 03:02	0°♊	
	-2273 Jun 10 j 23:03	0°♋	
	-2273 Jul 06 j 01:30	0°♌	
	-2273 Jul 31 j 15:11	0°♍	
desc. node	-2273 Aug 01 j 10:57	0°♍57'11	
	-2273 Aug 27 j 02:57	0°♎	
evening max el	-2273 Sep 18 j 02:51	23°♎16'13	47°23'25
	-2273 Sep 24 j 23:48	0°♏	
greatest brilliancy	-2273 Oct 28 j 20:06	24°♏32'15	-4.9m
retrograde	-2273 Nov 07 j 21:15	26°♏27'42	
evening set	-2273 Nov 22 j 05:57	22°♏17'09	
asc. node	-2273 Nov 22 j 11:15	22°♏09'55	
min. Earth dist.	-2273 Nov 27 j 17:44	19°♏02'41	0.26540 AU
inferior conj	-2273 Nov 28 j 10:37	18°♏36'38	1°31'41
minimum elong	-2273 Nov 28 j 07:14	18°♏41'50	1°30'35
morning rise	-2273 Dec 04 j 09:17	15°♏06'39	
direct	-2273 Dec 18 j 18:20	10°♏59'03	
greatest brilliancy	-2273 Dec 28 j 03:01	12°♏39'45	-4.9m
	-2272 Jan 23 j 17:52	0°♐	
morning max el	-2272 Feb 06 j 12:46	12°♐49'41	46°23'19
	-2272 Feb 23 j 06:03	0°♑	
desc. node	-2272 Mar 13 j 04:19	20°♑40'42	
	-2272 Mar 21 j 11:23	0°♒	
	-2272 Apr 16 j 13:26	0°♓	
	-2272 May 12 j 00:50	0°♈	
	-2272 Jun 06 j 01:42	0°♉	
	-2272 Jun 30 j 17:22	0°♊	
asc. node	-2272 Jul 04 j 04:45	4°♊15'52	
	-2272 Jul 25 j 00:46	0°♋	
morning set	-2272 Aug 02 j 04:46	10°♋09'48	
	-2272 Aug 18 j 01:37	0°♌	
max. Earth dist.	-2272 Sep 06 j 21:20	24°♌54'10	1.71271 AU
superior conj	-2272 Sep 09 j 02:03	27°♌39'59	1°20'12
minimum elong	-2272 Sep 09 j 08:12	27°♌59'21	1°20'08
	-2272 Sep 10 j 22:33	0°♍	
	-2272 Oct 04 j 18:20	0°♎	
evening rise	-2272 Oct 19 j 16:05	18°♎44'57	
desc. node	-2272 Oct 23 j 21:03	24°♎02'07	
	-2272 Oct 28 j 15:02	0°♏	
	-2272 Nov 21 j 13:51	0°♐	
	-2272 Dec 15 j 15:54	0°♑	
	-2271 Jan 08 j 23:24	0°♒	
	-2271 Feb 02 j 16:26	0°♓	
asc. node	-2271 Feb 13 j 20:58	13°♓20'33	
	-2271 Feb 28 j 01:59	0°♈	
	-2271 Mar 26 j 17:20	0°♉	
evening max el	-2271 Apr 21 j 19:13	26°♉47'40	45°12'08
	-2271 Apr 25 j 05:08	0°♊	
greatest brilliancy	-2271 May 29 j 18:19	24°♊09'15	-4.7m
desc. node	-2271 Jun 05 j 13:18	25°♊49'59	
retrograde	-2271 Jun 09 j 03:24	26°♊04'26	
evening set	-2271 Jun 24 j 15:02	21°♊34'03	
inferior conj	-2271 Jun 30 j 11:22	18°♊06'50	-5°27'01
minimum elong	-2271 Jun 30 j 01:32	18°♊21'59	5°24'40
min. Earth dist.	-2271 Jun 30 j 18:35	17°♊55'44	0.28410 AU
morning rise	-2271 Jul 05 j 11:30	15°♊06'16	
direct	-2271 Jul 21 j 23:38	9°♊57'43	
greatest brilliancy	-2271 Aug 01 j 22:58	12°♊07'59	-4.8m
	-2271 Aug 28 j 13:01	0°♋	
morning max el	-2271 Sep 09 j 23:58	11°♋47'03	46°34'21
asc. node	-2271 Sep 26 j 13:58	29°♋15'00	
	-2271 Sep 27 j 06:21	0°♌	
	-2271 Oct 23 j 09:29	0°♍	
	-2271 Nov 17 j 07:18	0°♎	
	-2271 Dec 11 j 18:19	0°♏	
	-2270 Jan 05 j 02:33	0°♐	
desc. node	-2270 Jan 16 j 06:49	13°♐46'35	
	-2270 Jan 29 j 11:06	0°♑	
	-2270 Feb 22 j 20:42	0°♒	
morning set	-2270 Mar 17 j 07:52	27°♒34'58	
	-2270 Mar 19 j 07:09	0°♓	
	-2270 Apr 12 j 18:01	0°♈	
max. Earth dist.	-2270 Apr 22 j 07:20	11°♈43'28	1.73703 AU
superior conj	-2270 Apr 23 j 01:20	12°♈38'39	-0°36'57
minimum elong	-2270 Apr 23 j 08:07	12°♈59'27	0°36'38
	-2270 May 07 j 04:40	0°♉	
asc. node	-2270 May 09 j 06:58	2°♉34'27	
evening rise	-2270 May 29 j 00:09	26°♉48'09	
	-2270 May 31 j 14:33	0°♊	
	-2270 Jun 24 j 23:33	0°♋	
	-2270 Jul 19 j 08:31	0°♌	
	-2270 Aug 12 j 19:06	0°♍	
desc. node	-2270 Aug 28 j 23:02	19°♍44'25	
	-2270 Sep 06 j 09:31	0°♎	
	-2270 Oct 01 j 06:56	0°♏	
	-2270 Oct 26 j 18:22	0°♐	
	-2270 Nov 22 j 16:31	0°♑	
evening max el	-2270 Nov 28 j 15:00	6°♑10'49	47°08'06
asc. node	-2270 Dec 19 j 23:10	25°♑59'18	
	-2270 Dec 25 j 05:34	0°♒	
greatest brilliancy	-2269 Jan 07 j 19:38	7°♒42'51	-4.9m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2269 Jan 18 j 12:27	9°♒53'59	
evening set	-2269 Feb 05 j 04:35	3°♒48'05	
min. Earth dist.	-2269 Feb 08 j 01:47	1°♒59'16	0.28501 AU
inferior conj	-2269 Feb 08 j 17:24	1°♒34'20	8°24'40
minimum elong	-2269 Feb 08 j 15:14	1°♒37'47	8°24'32
	-2269 Feb 11 j 04:56	30°℞♑	
morning rise	-2269 Feb 12 j 02:08	29°♑27'12	
direct	-2269 Mar 01 j 19:51	23°♑24'00	
greatest brilliancy	-2269 Mar 10 j 21:30	24°♑54'40	-4.8m
	-2269 Mar 21 j 18:14	0°♒	
desc. node	-2269 Apr 10 j 15:49	15°♒04'18	
morning max el	-2269 Apr 19 j 15:22	23°♒19'26	45°50'12
	-2269 Apr 26 j 11:30	0°♓	
	-2269 May 24 j 20:29	0°♈	
	-2269 Jun 20 j 06:56	0°♉	
	-2269 Jul 15 j 16:48	0°♊	
asc. node	-2269 Aug 01 j 16:41	20°♊33'31	
	-2269 Aug 09 j 09:52	0°♋	
	-2269 Sep 02 j 15:03	0°♌	
greatest brilliancy	-2269 Sep 23 j 01:20	25°♌36'42	-3.9m
	-2269 Sep 26 j 13:00	0°♍	
morning set	-2269 Oct 15 j 05:27	23°♍33'28	
	-2269 Oct 20 j 07:58	0°♎	
	-2269 Nov 13 j 03:05	0°♏	
desc. node	-2269 Nov 21 j 09:03	10°♏22'46	
superior conj	-2269 Nov 25 j 19:57	15°♏58'46	-0°10'29
minimum elong	-2269 Nov 25 j 17:04	15°♏49'42	0°10'23
behind sun begin	-2269 Nov 24 j 19:54	14°♏43'12	
behind sun end	-2269 Nov 26 j 14:14	16°♏56'12	
max. Earth dist.	-2269 Nov 29 j 13:58	20°♏41'24	1.71196 AU
	-2269 Dec 07 j 00:03	0°♐	
	-2269 Dec 30 j 23:40	0°♑	
evening rise	-2268 Jan 06 j 15:34	8°♑18'13	
	-2268 Jan 24 j 02:40	0°♒	
	-2268 Feb 17 j 10:20	0°♓	
asc. node	-2268 Mar 13 j 08:59	0°♈25'31	
	-2268 Mar 13 j 00:33	0°♈	
	-2268 Apr 06 j 23:47	0°♉	
	-2268 May 02 j 11:49	0°♊	
	-2268 May 28 j 20:32	0°♋	
	-2268 Jun 26 j 00:23	0°♌	
evening max el	-2268 Jul 02 j 22:38	6°♌49'33	46°04'33
desc. node	-2268 Jul 03 j 01:13	6°♌55'45	
	-2268 Jul 31 j 00:52	0°♍	
greatest brilliancy	-2268 Aug 12 j 09:21	5°♍59'33	-4.8m
retrograde	-2268 Aug 21 j 10:20	7°♍29'50	
evening set	-2268 Sep 08 j 00:05	1°♍42'36	
	-2268 Sep 10 j 20:52	30°℞♌	
inferior conj	-2268 Sep 11 j 04:34	29°♌48'22	-8°25'05
minimum elong	-2268 Sep 11 j 11:41	29°♌37'35	8°24'17
min. Earth dist.	-2268 Sep 11 j 19:46	29°♌25'23	0.27032 AU
morning rise	-2268 Sep 14 j 23:05	27°♌33'25	
direct	-2268 Oct 01 j 20:58	22°♌02'43	
greatest brilliancy	-2268 Oct 12 j 19:08	24°♌18'16	-4.9m
	-2268 Oct 23 j 09:37	0°♍	
asc. node	-2268 Oct 24 j 01:37	0°♍26'46	
morning max el	-2268 Nov 21 j 17:59	25°♍44'24	46°53'52
	-2268 Nov 25 j 20:40	0°♎	
	-2268 Dec 22 j 23:48	0°♏	
	-2267 Jan 17 j 16:46	0°♐	
	-2267 Feb 11 j 21:44	0°♑	
desc. node	-2267 Feb 12 j 18:39	1°♑02'34	
	-2267 Mar 08 j 21:28	0°♒	
	-2267 Apr 02 j 17:55	0°♓	
	-2267 Apr 27 j 11:20	0°♈	
	-2267 May 22 j 01:14	0°♉	
morning set	-2267 May 23 j 19:41	2°♉10'00	
asc. node	-2267 Jun 05 j 19:00	18°♉05'29	
	-2267 Jun 15 j 11:00	0°♊	
max. Earth dist.	-2267 Jun 25 j 00:46	11°♊49'34	1.72954 AU
superior conj	-2267 Jun 28 j 22:17	16°♊38'59	0°50'57
minimum elong	-2267 Jun 28 j 14:00	16°♊13'18	0°50'41
	-2267 Jul 09 j 16:34	0°♋	
	-2267 Aug 02 j 18:53	0°♌	
evening rise	-2267 Aug 04 j 04:09	1°♌43'45	
	-2267 Aug 26 j 19:41	0°♍	
	-2267 Sep 19 j 20:52	0°♎	
desc. node	-2267 Sep 25 j 11:04	6°♎57'45	
	-2267 Oct 14 j 00:01	0°♏	
	-2267 Nov 07 j 06:53	0°♐	
	-2267 Dec 01 j 20:52	0°♑	
	-2267 Dec 27 j 01:43	0°♒	
asc. node	-2266 Jan 16 j 11:03	23°♒13'27	
	-2266 Jan 22 j 15:59	0°♓	
evening max el	-2266 Feb 07 j 17:43	16°♓37'37	45°47'34
	-2266 Feb 22 j 07:51	0°♈	
greatest brilliancy	-2266 Mar 17 j 21:20	15°♈06'15	-4.7m
retrograde	-2266 Mar 28 j 17:54	17°♈14'02	
evening set	-2266 Apr 13 j 16:14	12°♈19'25	
inferior conj	-2266 Apr 19 j 04:10	8°♈58'06	4°10'43
minimum elong	-2266 Apr 19 j 12:04	8°♈45'38	4°08'46
min. Earth dist.	-2266 Apr 19 j 15:04	8°♈40'55	0.29163 AU
morning rise	-2266 Apr 25 j 07:54	5°♈14'27	
desc. node	-2266 May 08 j 03:34	0°♈43'56	
direct	-2266 May 10 j 22:30	0°♈34'47	
greatest brilliancy	-2266 May 21 j 10:07	2°♈33'32	-4.7m
	-2266 Jun 28 j 07:31	0°♉	
morning max el	-2266 Jun 28 j 23:02	0°♉37'08	45°55'30
	-2266 Jul 27 j 04:08	0°♊	
	-2266 Aug 22 j 09:07	0°♋	
asc. node	-2266 Aug 29 j 04:23	8°♋03'50	
	-2266 Sep 16 j 08:17	0°♌	
	-2266 Oct 10 j 15:26	0°♍	
	-2266 Nov 03 j 15:07	0°♎	
	-2266 Nov 27 j 12:59	0°♏	
desc. node	-2266 Dec 18 j 21:00	26°♏42'48	
	-2266 Dec 21 j 12:07	0°♐	
morning set	-2266 Dec 31 j 13:42	12°♐33'56	
	-2265 Jan 14 j 13:36	0°♑	
	-2265 Feb 07 j 17:36	0°♒	
superior conj	-2265 Feb 10 j 04:10	3°♒01'20	-1°24'07
minimum elong	-2265 Feb 10 j 02:13	2°♒55'19	1°24'10
max. Earth dist.	-2265 Feb 13 j 13:36	7°♒13'22	1.72735 AU
	-2265 Mar 04 j 00:13	0°♓	
evening rise	-2265 Mar 20 j 11:48	20°♓17'09	
	-2265 Mar 28 j 09:43	0°♈	
asc. node	-2265 Apr 10 j 21:01	16°♈29'40	
	-2265 Apr 21 j 22:24	0°♉	
	-2265 May 16 j 14:36	0°♊	
	-2265 Jun 10 j 11:13	0°♋	
	-2265 Jul 05 j 14:37	0°♌	
	-2265 Jul 31 j 05:54	0°♍	
desc. node	-2265 Jul 31 j 13:01	0°♍20'31	
	-2265 Aug 26 j 20:52	0°♎	
evening max el	-2265 Sep 15 j 17:01	20°♎52'31	47°21'56
	-2265 Sep 25 j 03:14	0°♏	
greatest brilliancy	-2265 Oct 26 j 10:49	22°♏05'17	-4.9m
retrograde	-2265 Nov 05 j 09:58	23°♏58'36	
evening set	-2265 Nov 19 j 18:52	19°♏49'06	
asc. node	-2265 Nov 21 j 13:23	18°♏49'24	
inferior conj	-2265 Nov 25 j 23:24	16°♏08'54	1°08'04

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2265 Nov 25 j 20:53	16°♏12'47	1°07'14
min. Earth dist.	-2265 Nov 25 j 07:59	16°♏32'41	0.26499 AU
morning rise	-2265 Dec 01 j 23:34	12°♏36'48	
direct	-2265 Dec 16 j 06:39	8°♏32'08	
greatest brilliancy	-2265 Dec 25 j 17:07	10°♏13'58	-4.9m
	-2264 Jan 24 j 00:27	0°♐	
morning max el	-2264 Feb 04 j 01:21	10°♐24'58	46°24'34
	-2264 Feb 23 j 00:20	0°♑	
desc. node	-2264 Mar 12 j 06:19	20°♑02'55	
	-2264 Mar 21 j 02:06	0°♒	
	-2264 Apr 16 j 02:28	0°♓	
	-2264 May 11 j 12:56	0°♈	
	-2264 Jun 05 j 13:16	0°♉	
	-2264 Jun 30 j 04:38	0°♊	
asc. node	-2264 Jul 03 j 06:52	3°♊47'49	
	-2264 Jul 24 j 11:54	0°♋	
morning set	-2264 Jul 30 j 20:30	7°♋54'38	
	-2264 Aug 17 j 12:44	0°♌	
max. Earth dist.	-2264 Sep 04 j 04:38	22°♌11'02	1.71316 AU
superior conj	-2264 Sep 06 j 15:34	25°♌16'22	1°21'15
minimum elong	-2264 Sep 06 j 20:56	25°♌33'15	1°21'12
	-2264 Sep 10 j 09:44	0°♍	
	-2264 Oct 04 j 05:36	0°♎	
evening rise	-2264 Oct 17 j 01:49	16°♎09'05	
desc. node	-2264 Oct 22 j 23:11	23°♎33'11	
	-2264 Oct 28 j 02:24	0°♏	
	-2264 Nov 21 j 01:19	0°♐	
	-2264 Dec 15 j 03:32	0°♑	
	-2263 Jan 08 j 11:18	0°♒	
	-2263 Feb 02 j 04:56	0°♓	
asc. node	-2263 Feb 12 j 22:55	12°♓48'06	
	-2263 Feb 27 j 15:42	0°♈	
	-2263 Mar 26 j 09:48	0°♉	
evening max el	-2263 Apr 19 j 09:36	24°♉32'52	45°11'48
	-2263 Apr 25 j 06:23	0°♊	
greatest brilliancy	-2263 May 27 j 08:17	21°♊55'05	-4.7m
desc. node	-2263 Jun 04 j 15:29	23°♊46'20	
retrograde	-2263 Jun 06 j 18:07	23°♊51'24	
evening set	-2263 Jun 22 j 03:46	19°♊23'21	
inferior conj	-2263 Jun 28 j 02:32	15°♊53'06	-5°10'16
minimum elong	-2263 Jun 27 j 16:55	16°♊07'52	5°07'56
min. Earth dist.	-2263 Jun 28 j 10:05	15°♊41'29	0.28448 AU
morning rise	-2263 Jul 03 j 05:30	12°♊48'28	
direct	-2263 Jul 19 j 14:40	7°♊43'01	
greatest brilliancy	-2263 Jul 30 j 15:19	9°♊54'11	-4.8m
	-2263 Aug 28 j 17:19	0°♋	
morning max el	-2263 Sep 07 j 14:26	9°♋27'00	46°33'05
asc. node	-2263 Sep 25 j 16:08	28°♋31'50	
	-2263 Sep 27 j 00:01	0°♌	
	-2263 Oct 23 j 00:07	0°♍	
	-2263 Nov 16 j 20:35	0°♎	
	-2263 Dec 11 j 06:48	0°♏	
	-2262 Jan 04 j 14:30	0°♐	
desc. node	-2262 Jan 15 j 08:52	13°♐16'38	
	-2262 Jan 28 j 22:40	0°♑	
	-2262 Feb 22 j 07:58	0°♒	
morning set	-2262 Mar 15 j 00:27	25°♒24'26	
	-2262 Mar 18 j 18:14	0°♓	
	-2262 Apr 12 j 05:01	0°♈	
max. Earth dist.	-2262 Apr 20 j 03:46	9°♈45'11	1.73704 AU
superior conj	-2262 Apr 20 j 19:41	10°♈34'04	-0°39'43
minimum elong	-2262 Apr 21 j 02:53	10°♈56'06	0°39'24
	-2262 May 06 j 15:41	0°♉	
asc. node	-2262 May 08 j 09:09	2°♉07'20	
evening rise	-2262 May 26 j 19:27	24°♉45'57	
	-2262 May 31 j 01:39	0°♊	
	-2262 Jun 24 j 10:52	0°♋	
	-2262 Jul 18 j 20:11	0°♌	
	-2262 Aug 12 j 07:17	0°♍	
desc. node	-2262 Aug 28 j 01:02	19°♍12'06	
	-2262 Sep 05 j 22:26	0°♎	
	-2262 Sep 30 j 20:55	0°♏	
	-2262 Oct 26 j 10:15	0°♐	
	-2262 Nov 22 j 13:01	0°♑	
evening max el	-2262 Nov 26 j 06:07	3°♑50'29	47°10'31
asc. node	-2262 Dec 19 j 01:20	24°♑49'58	
	-2262 Dec 26 j 05:25	0°♒	
greatest brilliancy	-2261 Jan 05 j 11:40	5°♒26'27	-4.9m
retrograde	-2261 Jan 16 j 05:01	7°♒38'27	
evening set	-2261 Feb 02 j 18:53	1°♒34'58	
	-2261 Feb 05 j 07:34	30°℞♑	
min. Earth dist.	-2261 Feb 05 j 16:25	29°♑45'56	0.28441 AU
inferior conj	-2261 Feb 06 j 09:16	29°♑19'06	8°22'28
minimum elong	-2261 Feb 06 j 06:21	29°♑23'44	8°22'18
morning rise	-2261 Feb 09 j 18:05	27°♑12'07	
direct	-2261 Feb 27 j 10:38	21°♑09'39	
greatest brilliancy	-2261 Mar 08 j 11:41	22°♑40'04	-4.8m
	-2261 Mar 22 j 21:51	0°♒	
desc. node	-2261 Apr 09 j 18:00	14°♒09'08	
morning max el	-2261 Apr 17 j 07:26	21°♒08'46	45°50'47
	-2261 Apr 26 j 07:39	0°♓	
	-2261 May 24 j 11:39	0°♈	
	-2261 Jun 19 j 20:10	0°♉	
	-2261 Jul 15 j 05:04	0°♊	
asc. node	-2261 Jul 31 j 18:41	20°♊03'19	
	-2261 Aug 08 j 21:37	0°♋	
	-2261 Sep 02 j 02:33	0°♌	
greatest brilliancy	-2261 Sep 23 j 06:08	26°♌31'26	-3.9m
	-2261 Sep 26 j 00:23	0°♍	
morning set	-2261 Oct 12 j 16:40	21°♍01'41	
	-2261 Oct 19 j 19:19	0°♎	
	-2261 Nov 12 j 14:25	0°♏	
desc. node	-2261 Nov 20 j 11:10	9°♏53'46	
superior conj	-2261 Nov 23 j 04:42	13°♏19'46	-0°06'27
minimum elong	-2261 Nov 23 j 02:54	13°♏14'08	0°06'24
behind sun begin	-2261 Nov 22 j 01:45	11°♏55'05	
behind sun end	-2261 Nov 24 j 04:03	14°♏33'11	
max. Earth dist.	-2261 Nov 26 j 20:37	17°♏56'01	1.71162 AU
	-2261 Dec 06 j 11:22	0°♐	
	-2261 Dec 30 j 10:59	0°♑	
evening rise	-2260 Jan 04 j 02:36	5°♑47'53	
	-2260 Jan 23 j 13:59	0°♒	
	-2260 Feb 16 j 21:44	0°♓	
asc. node	-2260 Mar 12 j 11:07	29°♓56'40	
	-2260 Mar 12 j 12:13	0°♈	
	-2260 Apr 06 j 12:02	0°♉	
	-2260 May 02 j 01:14	0°♊	
	-2260 May 28 j 12:19	0°♋	
	-2260 Jun 25 j 22:06	0°♌	
evening max el	-2260 Jun 30 j 13:06	4°♌31'15	46°01'37
desc. node	-2260 Jul 02 j 03:15	6°♌02'27	
	-2260 Aug 01 j 16:25	0°♍	
greatest brilliancy	-2260 Aug 09 j 20:17	3°♍32'46	-4.8m
retrograde	-2260 Aug 18 j 22:50	5°♍03'47	
	-2260 Sep 04 j 06:13	30°℞♌	
evening set	-2260 Sep 05 j 14:44	29°♌13'12	
inferior conj	-2260 Sep 08 j 17:05	27°♌21'54	-8°32'09
minimum elong	-2260 Sep 08 j 23:28	27°♌12'15	8°31'32
min. Earth dist.	-2260 Sep 09 j 07:53	26°♌59'30	0.27085 AU
morning rise	-2260 Sep 12 j 08:02	25°♌12'04	
direct	-2260 Sep 29 j 10:56	19°♌35'41	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2260 Oct 10 j 08:02	21°♌50'25	-4.9m
asc. node	-2260 Oct 23 j 03:47	29°♌03'06	
	-2260 Oct 24 j 11:29	0°♍	
morning max el	-2260 Nov 19 j 08:06	23°♍18'57	46°53'59
	-2260 Nov 25 j 17:51	0°♎	
	-2260 Dec 22 j 15:54	0°♏	
	-2259 Jan 17 j 06:43	0°♐	
	-2259 Feb 11 j 10:31	0°♑	
desc. node	-2259 Feb 11 j 20:37	0°♑30'15	
	-2259 Mar 08 j 09:29	0°♒	
	-2259 Apr 02 j 05:25	0°♓	
	-2259 Apr 26 j 22:28	0°♈	
morning set	-2259 May 21 j 14:41	0°♉07'39	
	-2259 May 21 j 12:11	0°♉	
asc. node	-2259 Jun 04 j 21:04	17°♉38'17	
	-2259 Jun 14 j 21:54	0°♊	
max. Earth dist.	-2259 Jun 22 j 19:20	9°♊44'49	1.73007 AU
superior conj	-2259 Jun 26 j 16:41	14°♊33'31	0°48'25
minimum elong	-2259 Jun 26 j 08:38	14°♊08'35	0°48'09
	-2259 Jul 09 j 03:33	0°♋	
evening rise	-2259 Aug 01 j 20:36	29°♋30'34	
	-2259 Aug 02 j 06:02	0°♌	
	-2259 Aug 26 j 07:04	0°♍	
	-2259 Sep 19 j 08:30	0°♎	
desc. node	-2259 Sep 24 j 13:13	6°♎28'04	
	-2259 Oct 13 j 11:58	0°♏	
	-2259 Nov 06 j 19:18	0°♐	
	-2259 Dec 01 j 09:59	0°♑	
	-2259 Dec 26 j 16:10	0°♒	
asc. node	-2258 Jan 15 j 13:02	22°♒33'09	
	-2258 Jan 22 j 09:42	0°♓	
evening max el	-2258 Feb 05 j 09:42	14°♓25'20	45°50'06
	-2258 Feb 22 j 15:18	0°♈	
greatest brilliancy	-2258 Mar 15 j 14:58	12°♈59'33	-4.7m
retrograde	-2258 Mar 26 j 10:33	15°♈06'31	
evening set	-2258 Apr 11 j 11:29	10°♈08'46	
inferior conj	-2258 Apr 16 j 21:05	6°♈50'21	4°27'00
minimum elong	-2258 Apr 17 j 05:19	6°♈37'21	4°25'02
min. Earth dist.	-2258 Apr 17 j 07:43	6°♈33'33	0.29167 AU
morning rise	-2258 Apr 22 j 23:09	3°♈08'34	
	-2258 Apr 29 j 18:36	30°♓℞	
desc. node	-2258 May 07 j 05:39	28°♓29'29	
direct	-2258 May 08 j 15:22	28°♓27'11	
	-2258 May 17 j 20:52	0°♈	
greatest brilliancy	-2258 May 19 j 01:29	0°♈24'22	-4.7m
morning max el	-2258 Jun 26 j 14:31	28°♈25'51	45°54'30
	-2258 Jun 28 j 05:32	0°♉	
	-2258 Jul 26 j 19:47	0°♊	
	-2258 Aug 21 j 22:36	0°♋	
asc. node	-2258 Aug 28 j 06:31	7°♋31'04	
	-2258 Sep 15 j 20:47	0°♌	
	-2258 Oct 10 j 03:25	0°♍	
	-2258 Nov 03 j 02:48	0°♎	
	-2258 Nov 27 j 00:27	0°♏	
desc. node	-2258 Dec 17 j 23:02	26°♏13'45	
	-2258 Dec 20 j 23:25	0°♐	
morning set	-2258 Dec 28 j 23:56	10°♐01'11	
	-2257 Jan 14 j 00:45	0°♑	
	-2257 Feb 07 j 04:37	0°♒	
superior conj	-2257 Feb 07 j 17:49	0°♒40'54	-1°23'44
minimum elong	-2257 Feb 07 j 15:01	0°♒32'11	1°23'46
max. Earth dist.	-2257 Feb 11 j 07:29	5°♒06'06	1.72678 AU
	-2257 Mar 03 j 11:10	0°♓	
evening rise	-2257 Mar 18 j 04:08	18°♓06'13	
	-2257 Mar 27 j 20:42	0°♈	
asc. node	-2257 Apr 09 j 23:14	16°♈02'40	
	-2257 Apr 21 j 09:32	0°♉	
	-2257 May 16 j 02:04	0°♊	
	-2257 Jun 09 j 23:16	0°♋	
	-2257 Jul 05 j 03:38	0°♌	
desc. node	-2257 Jul 30 j 15:01	29°♌43'49	
	-2257 Jul 30 j 20:39	0°♍	
	-2257 Aug 26 j 15:09	0°♎	
evening max el	-2257 Sep 13 j 06:01	18°♎25'50	47°20'01
	-2257 Sep 25 j 08:33	0°♏	
greatest brilliancy	-2257 Oct 24 j 01:39	19°♏37'25	-4.9m
retrograde	-2257 Nov 02 j 22:05	21°♏28'21	
evening set	-2257 Nov 17 j 07:38	17°♏19'20	
asc. node	-2257 Nov 20 j 15:30	15°♏24'42	
inferior conj	-2257 Nov 23 j 11:52	13°♏40'03	0°44'04
minimum elong	-2257 Nov 23 j 10:13	13°♏42'35	0°43'29
min. Earth dist.	-2257 Nov 22 j 22:20	14°♏00'55	0.26463 AU
morning rise	-2257 Nov 29 j 13:20	10°♏06'03	
direct	-2257 Dec 13 j 18:14	6°♏03'46	
greatest brilliancy	-2257 Dec 23 j 07:33	7°♏47'41	-4.9m
	-2256 Jan 24 j 05:05	0°♐	
morning max el	-2256 Feb 01 j 13:40	7°♐59'22	46°26'07
	-2256 Feb 22 j 18:07	0°♑	
desc. node	-2256 Mar 11 j 08:33	19°♑26'29	
	-2256 Mar 20 j 16:27	0°♒	
	-2256 Apr 15 j 15:12	0°♓	
	-2256 May 11 j 00:47	0°♈	
	-2256 Jun 05 j 00:35	0°♉	
	-2256 Jun 29 j 15:39	0°♊	
asc. node	-2256 Jul 02 j 08:55	3°♊20'21	
	-2256 Jul 23 j 22:47	0°♋	
morning set	-2256 Jul 28 j 12:51	5°♋42'13	
	-2256 Aug 16 j 23:36	0°♌	
max. Earth dist.	-2256 Sep 01 j 16:04	19°♌41'42	1.71367 AU
superior conj	-2256 Sep 04 j 05:35	22°♌55'06	1°22'07
minimum elong	-2256 Sep 04 j 10:09	23°♌09'28	1°22'06
	-2256 Sep 09 j 20:40	0°♍	
	-2256 Oct 03 j 16:42	0°♎	
evening rise	-2256 Oct 14 j 11:46	13°♎34'31	
desc. node	-2256 Oct 22 j 01:20	23°♎04'45	
	-2256 Oct 27 j 13:38	0°♏	
	-2256 Nov 20 j 12:41	0°♐	
	-2256 Dec 14 j 15:04	0°♑	
	-2255 Jan 07 j 23:08	0°♒	
	-2255 Feb 01 j 17:20	0°♓	
asc. node	-2255 Feb 12 j 01:07	12°♓16'48	
	-2255 Feb 27 j 05:20	0°♈	
	-2255 Mar 26 j 02:17	0°♉	
evening max el	-2255 Apr 17 j 00:35	22°♉20'38	45°11'44
	-2255 Apr 25 j 08:33	0°♊	
greatest brilliancy	-2255 May 24 j 22:01	19°♊42'16	-4.7m
desc. node	-2255 Jun 03 j 17:32	21°♊39'46	
retrograde	-2255 Jun 04 j 09:36	21°♊40'17	
evening set	-2255 Jun 19 j 17:00	17°♊14'16	
inferior conj	-2255 Jun 25 j 17:56	13°♊41'10	-4°53'15
minimum elong	-2255 Jun 25 j 08:37	13°♊55'28	4°50'55
min. Earth dist.	-2255 Jun 26 j 01:30	13°♊29'32	0.28482 AU
morning rise	-2255 Jun 30 j 23:40	10°♊32'48	
direct	-2255 Jul 17 j 06:27	5°♊30'14	
greatest brilliancy	-2255 Jul 28 j 07:31	7°♊42'04	-4.8m
	-2255 Aug 28 j 19:23	0°♋	
morning max el	-2255 Sep 05 j 05:56	7°♋11'14	46°31'49
asc. node	-2255 Sep 24 j 18:19	27°♋50'34	
	-2255 Sep 26 j 16:51	0°♌	
	-2255 Oct 22 j 14:13	0°♍	
	-2255 Nov 16 j 09:27	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2255 Dec 10 j 19:00	0°♏	
	-2254 Jan 04 j 02:13	0°♐	
desc. node	-2254 Jan 14 j 10:55	12°♐47'18	
	-2254 Jan 28 j 10:01	0°♑	
	-2254 Feb 21 j 19:02	0°♒	
morning set	-2254 Mar 12 j 16:34	23°♒13'09	
	-2254 Mar 18 j 05:05	0°♓	
	-2254 Apr 11 j 15:43	0°♈	
max. Earth dist.	-2254 Apr 18 j 01:57	7°♈53'14	1.73698 AU
superior conj	-2254 Apr 18 j 13:48	8°♈29'36	-0°42'27
minimum elong	-2254 Apr 18 j 21:22	8°♈52'50	0°42'08
	-2254 May 06 j 02:21	0°♉	
asc. node	-2254 May 07 j 11:11	1°♉40'47	
evening rise	-2254 May 24 j 14:50	22°♉45'01	
	-2254 May 30 j 12:25	0°♊	
	-2254 Jun 23 j 21:52	0°♋	
	-2254 Jul 18 j 07:32	0°♌	
	-2254 Aug 11 j 19:09	0°♍	
desc. node	-2254 Aug 27 j 03:15	18°♍41'38	
	-2254 Sep 05 j 11:00	0°♎	
	-2254 Sep 30 j 10:35	0°♏	
	-2254 Oct 26 j 01:56	0°♐	
	-2254 Nov 22 j 09:47	0°♑	
evening max el	-2254 Nov 23 j 22:02	1°♑33'10	47°12'35
asc. node	-2254 Dec 18 j 03:18	23°♑38'53	
	-2254 Dec 27 j 14:33	0°♒	
greatest brilliancy	-2253 Jan 03 j 03:05	3°♒09'30	-4.9m
retrograde	-2253 Jan 13 j 21:34	5°♒22'35	
	-2253 Jan 30 j 07:26	30°℞♑	
evening set	-2253 Jan 31 j 08:39	29°♑22'01	
min. Earth dist.	-2253 Feb 03 j 06:36	27°♑32'32	0.28380 AU
inferior conj	-2253 Feb 04 j 00:51	27°♑03'31	8°19'30
minimum elong	-2253 Feb 03 j 21:13	27°♑09'18	8°19'15
morning rise	-2253 Feb 07 j 10:05	24°♑56'13	
direct	-2253 Feb 25 j 01:43	18°♑55'05	
greatest brilliancy	-2253 Mar 06 j 01:17	20°♑24'49	-4.8m
	-2253 Mar 23 j 17:53	0°♒	
desc. node	-2253 Apr 08 j 20:06	13°♒15'23	
morning max el	-2253 Apr 14 j 23:48	18°♒59'26	45°51'27
	-2253 Apr 26 j 02:56	0°♓	
	-2253 May 24 j 02:18	0°♈	
	-2253 Jun 19 j 08:55	0°♉	
	-2253 Jul 14 j 16:53	0°♊	
asc. node	-2253 Jul 30 j 20:47	19°♊34'45	
	-2253 Aug 08 j 08:57	0°♋	
	-2253 Sep 01 j 13:39	0°♌	
greatest brilliancy	-2253 Sep 23 j 06:53	27°♌14'42	-3.9m
	-2253 Sep 25 j 11:23	0°♍	
morning set	-2253 Oct 10 j 04:32	18°♍33'09	
	-2253 Oct 19 j 06:16	0°♎	
	-2253 Nov 12 j 01:20	0°♏	
desc. node	-2253 Nov 19 j 13:12	9°♏25'47	
superior conj	-2253 Nov 20 j 13:54	10°♏43'28	-0°02'27
minimum elong	-2253 Nov 20 j 13:13	10°♏41'17	0°02'27
behind sun begin	-2253 Nov 19 j 10:24	9°♏17'01	
behind sun end	-2253 Nov 21 j 16:01	12°♏05'33	
max. Earth dist.	-2253 Nov 24 j 06:53	15°♏23'10	1.71131 AU
	-2253 Dec 05 j 22:17	0°♐	
	-2253 Dec 29 j 21:54	0°♑	
evening rise	-2252 Jan 01 j 13:41	3°♑18'50	
	-2252 Jan 23 j 00:58	0°♒	
	-2252 Feb 16 j 08:52	0°♓	
asc. node	-2252 Mar 11 j 13:15	29°♓28'35	
	-2252 Mar 11 j 23:38	0°♈	
	-2252 Apr 06 j 00:04	0°♉	
	-2252 May 01 j 14:28	0°♊	
	-2252 May 28 j 03:59	0°♋	
	-2252 Jun 25 j 20:12	0°♌	
evening max el	-2252 Jun 28 j 03:18	2°♌13'30	45°58'46
desc. node	-2252 Jul 01 j 05:18	5°♌09'16	
	-2252 Aug 04 j 05:13	0°♍	
greatest brilliancy	-2252 Aug 07 j 07:45	1°♍08'13	-4.8m
retrograde	-2252 Aug 16 j 10:59	2°♍39'21	
	-2252 Aug 28 j 01:57	30°℞♌	
evening set	-2252 Sep 03 j 05:14	26°♌46'07	
inferior conj	-2252 Sep 06 j 05:46	24°♌57'12	-8°38'18
minimum elong	-2252 Sep 06 j 11:20	24°♌48'46	8°37'50
min. Earth dist.	-2252 Sep 06 j 20:21	24°♌35'06	0.27137 AU
morning rise	-2252 Sep 09 j 17:18	22°♌52'05	
direct	-2252 Sep 27 j 00:41	17°♌10'23	
greatest brilliancy	-2252 Oct 07 j 21:19	19°♌24'20	-4.9m
asc. node	-2252 Oct 22 j 05:48	27°♌43'01	
	-2252 Oct 25 j 05:57	0°♍	
morning max el	-2252 Nov 16 j 21:23	20°♍52'27	46°54'10
	-2252 Nov 25 j 13:54	0°♎	
	-2252 Dec 22 j 07:20	0°♏	
	-2251 Jan 16 j 20:10	0°♐	
desc. node	-2251 Feb 10 j 22:51	29°♐59'56	
	-2251 Feb 10 j 22:52	0°♑	
	-2251 Mar 07 j 21:09	0°♒	
	-2251 Apr 01 j 16:37	0°♓	
	-2251 Apr 26 j 09:22	0°♈	
morning set	-2251 May 19 j 09:26	28°♈05'19	
	-2251 May 20 j 22:53	0°♉	
asc. node	-2251 Jun 03 j 23:07	17°♉11'44	
	-2251 Jun 14 j 08:33	0°♊	
max. Earth dist.	-2251 Jun 20 j 13:01	7°♊38'15	1.73055 AU
superior conj	-2251 Jun 24 j 11:00	12°♊28'43	0°45'49
minimum elong	-2251 Jun 24 j 03:12	12°♊04'37	0°45'33
	-2251 Jul 08 j 14:16	0°♋	
evening rise	-2251 Jul 30 j 13:11	27°♋18'50	
	-2251 Aug 01 j 16:54	0°♌	
	-2251 Aug 25 j 18:09	0°♍	
	-2251 Sep 18 j 19:52	0°♎	
desc. node	-2251 Sep 23 j 15:18	5°♎58'54	
	-2251 Oct 12 j 23:42	0°♏	
	-2251 Nov 06 j 07:29	0°♐	
	-2251 Nov 30 j 22:52	0°♑	
	-2251 Dec 26 j 06:26	0°♒	
asc. node	-2250 Jan 14 j 15:14	21°♒54'03	
	-2250 Jan 22 j 03:26	0°♓	
evening max el	-2250 Feb 03 j 00:42	12°♓11'21	45°52'33
	-2250 Feb 23 j 01:04	0°♈	
greatest brilliancy	-2250 Mar 13 j 08:35	10°♈53'23	-4.7m
retrograde	-2250 Mar 24 j 02:51	12°♈59'38	
evening set	-2250 Apr 09 j 06:43	7°♈58'23	
inferior conj	-2250 Apr 14 j 14:00	4°♈43'08	4°42'57
minimum elong	-2250 Apr 14 j 22:29	4°♈29'42	4°40'58
min. Earth dist.	-2250 Apr 15 j 00:36	4°♈26'21	0.29176 AU
morning rise	-2250 Apr 20 j 14:13	1°♈03'23	
	-2250 Apr 22 j 13:20	30°℞♓	
direct	-2250 May 06 j 07:47	26°♓19'52	
desc. node	-2250 May 06 j 07:42	26°♓19'52	
greatest brilliancy	-2250 May 16 j 17:31	28°♓16'15	-4.7m
	-2250 May 20 j 21:28	0°♈	
morning max el	-2250 Jun 24 j 05:39	26°♈13'58	45°53'38
	-2250 Jun 28 j 02:38	0°♉	
	-2250 Jul 26 j 11:04	0°♊	
	-2250 Aug 21 j 11:48	0°♋	
asc. node	-2250 Aug 27 j 08:44	6°♋59'10	
	-2250 Sep 15 j 09:02	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2250 Oct 09 j 15:09	0°♍	
	-2250 Nov 02 j 14:15	0°♎	
	-2250 Nov 26 j 11:45	0°♏	
desc. node	-2250 Dec 17 j 01:05	25°♏45'15	
	-2250 Dec 20 j 10:33	0°♐	
morning set	-2250 Dec 26 j 10:09	7°♐28'39	
	-2249 Jan 13 j 11:44	0°♑	
superior conj	-2249 Feb 05 j 07:31	28°♑21'03	-1°23'13
minimum elong	-2249 Feb 05 j 03:50	28°♑09'37	1°23'13
	-2249 Feb 06 j 15:28	0°♒	
max. Earth dist.	-2249 Feb 08 j 23:51	2°♒54'36	1.72619 AU
	-2249 Mar 02 j 21:57	0°♓	
evening rise	-2249 Mar 15 j 20:29	15°♓55'41	
	-2249 Mar 27 j 07:32	0°♈	
asc. node	-2249 Apr 09 j 01:15	15°♈35'29	
	-2249 Apr 20 j 20:35	0°♉	
	-2249 May 15 j 13:29	0°♊	
	-2249 Jun 09 j 11:19	0°♋	
	-2249 Jul 04 j 16:44	0°♌	
desc. node	-2249 Jul 29 j 17:15	29°♌07'34	
	-2249 Jul 30 j 11:34	0°♍	
	-2249 Aug 26 j 09:50	0°♎	
evening max el	-2249 Sep 10 j 18:24	15°♎58'03	47°18'14
	-2249 Sep 25 j 15:51	0°♏	
greatest brilliancy	-2249 Oct 21 j 16:09	17°♏09'26	-4.9m
retrograde	-2249 Oct 31 j 10:13	18°♏58'37	
evening set	-2249 Nov 14 j 20:33	14°♏49'14	
asc. node	-2249 Nov 19 j 17:35	11°♏58'36	
min. Earth dist.	-2249 Nov 20 j 12:35	11°♏29'26	0.26434 AU
inferior conj	-2249 Nov 21 j 00:19	11°♏11'22	0°19'50
minimum elong	-2249 Nov 20 j 23:35	11°♏12'31	0°19'33
morning rise	-2249 Nov 27 j 02:58	7°♏35'54	
direct	-2249 Dec 11 j 05:54	3°♏35'12	
greatest brilliancy	-2249 Dec 20 j 22:05	5°♏21'37	-4.9m
	-2248 Jan 24 j 07:57	0°♐	
morning max el	-2248 Jan 30 j 02:47	5°♐35'40	46°27'43
	-2248 Feb 22 j 11:26	0°♑	
desc. node	-2248 Mar 10 j 10:36	18°♑49'56	
	-2248 Mar 20 j 06:36	0°♒	
	-2248 Apr 15 j 03:49	0°♓	
	-2248 May 10 j 12:33	0°♈	
	-2248 Jun 04 j 11:54	0°♉	
	-2248 Jun 29 j 02:43	0°♊	
asc. node	-2248 Jul 01 j 11:04	2°♊53'00	
	-2248 Jul 23 j 09:45	0°♋	
morning set	-2248 Jul 26 j 05:06	3°♋29'19	
	-2248 Aug 16 j 10:34	0°♌	
max. Earth dist.	-2248 Aug 30 j 04:27	17°♌15'08	1.71414 AU
superior conj	-2248 Sep 01 j 19:29	20°♌33'14	1°22'51
minimum elong	-2248 Sep 01 j 23:14	20°♌45'03	1°22'51
	-2248 Sep 09 j 07:43	0°♍	
	-2248 Oct 03 j 03:51	0°♎	
evening rise	-2248 Oct 11 j 21:41	10°♎59'44	
desc. node	-2248 Oct 21 j 03:18	22°♎35'39	
	-2248 Oct 27 j 00:55	0°♏	
	-2248 Nov 20 j 00:07	0°♐	
	-2248 Dec 14 j 02:41	0°♑	
	-2247 Jan 07 j 11:04	0°♒	
	-2247 Feb 01 j 05:54	0°♓	
asc. node	-2247 Feb 11 j 03:16	11°♓44'58	
	-2247 Feb 26 j 19:10	0°♈	
	-2247 Mar 25 j 19:10	0°♉	
evening max el	-2247 Apr 14 j 16:18	20°♉09'57	45°11'45
	-2247 Apr 25 j 12:25	0°♊	
greatest brilliancy	-2247 May 22 j 11:27	17°♊28'57	-4.7m
retrograde	-2247 Jun 02 j 01:16	19°♊28'43	
desc. node	-2247 Jun 02 j 19:36	19°♊28'02	
evening set	-2247 Jun 17 j 06:25	15°♊04'39	
inferior conj	-2247 Jun 23 j 09:16	11°♊28'40	-4°35'51
minimum elong	-2247 Jun 23 j 00:19	11°♊42'25	4°33'32
min. Earth dist.	-2247 Jun 23 j 16:35	11°♊17'27	0.28520 AU
morning rise	-2247 Jun 28 j 17:44	8°♊16'40	
direct	-2247 Jul 14 j 22:44	3°♊17'03	
greatest brilliancy	-2247 Jul 25 j 23:08	5°♊28'44	-4.8m
	-2247 Aug 28 j 20:29	0°♋	
morning max el	-2247 Sep 02 j 21:51	4°♋55'51	46°30'24
asc. node	-2247 Sep 23 j 20:19	27°♋08'20	
	-2247 Sep 26 j 09:41	0°♌	
	-2247 Oct 22 j 04:28	0°♍	
	-2247 Nov 15 j 22:30	0°♎	
	-2247 Dec 10 j 07:20	0°♏	
	-2246 Jan 03 j 14:05	0°♐	
desc. node	-2246 Jan 13 j 13:06	12°♐17'53	
	-2246 Jan 27 j 21:31	0°♑	
	-2246 Feb 21 j 06:16	0°♒	
morning set	-2246 Mar 10 j 08:35	21°♒00'51	
	-2246 Mar 17 j 16:08	0°♓	
	-2246 Apr 11 j 02:39	0°♈	
superior conj	-2246 Apr 16 j 07:57	6°♈24'30	-0°45'08
minimum elong	-2246 Apr 16 j 15:51	6°♈48'46	0°44'48
max. Earth dist.	-2246 Apr 16 j 01:08	6°♈03'35	1.73687 AU
	-2246 May 05 j 13:15	0°♉	
asc. node	-2246 May 06 j 13:16	1°♉13'43	
evening rise	-2246 May 22 j 10:20	20°♉43'49	
	-2246 May 29 j 23:25	0°♊	
	-2246 Jun 23 j 09:06	0°♋	
	-2246 Jul 17 j 19:11	0°♌	
	-2246 Aug 11 j 07:22	0°♍	
desc. node	-2246 Aug 26 j 05:17	18°♍09'25	
	-2246 Sep 04 j 23:59	0°♎	
	-2246 Sep 30 j 00:45	0°♏	
	-2246 Oct 25 j 18:16	0°♐	
evening max el	-2246 Nov 21 j 14:27	29°♐15'56	47°14'44
	-2246 Nov 22 j 07:43	0°♑	
asc. node	-2246 Dec 17 j 05:31	22°♑25'09	
	-2246 Dec 29 j 17:44	0°♒	
greatest brilliancy	-2246 Dec 31 j 18:39	0°♒51'41	-4.9m
retrograde	-2245 Jan 11 j 14:06	3°♒05'22	
	-2245 Jan 23 j 18:52	30°℞♑	
evening set	-2245 Jan 28 j 22:12	27°♑08'19	
min. Earth dist.	-2245 Jan 31 j 20:41	25°♑18'04	0.28314 AU
inferior conj	-2245 Feb 01 j 16:23	24°♑46'45	8°15'48
minimum elong	-2245 Feb 01 j 12:04	24°♑53'36	8°15'27
morning rise	-2245 Feb 05 j 02:18	22°♑38'35	
direct	-2245 Feb 22 j 17:06	16°♑39'35	
greatest brilliancy	-2245 Mar 03 j 14:35	18°♑08'07	-4.8m
	-2245 Mar 24 j 09:14	0°♒	
desc. node	-2245 Apr 07 j 22:08	12°♒21'38	
morning max el	-2245 Apr 12 j 15:43	16°♒48'04	45°52'05
	-2245 Apr 25 j 22:03	0°♓	
	-2245 May 23 j 17:05	0°♈	
	-2245 Jun 18 j 21:54	0°♉	
	-2245 Jul 14 j 04:58	0°♊	
asc. node	-2245 Jul 29 j 22:59	19°♊05'33	
	-2245 Aug 07 j 20:35	0°♋	
	-2245 Sep 01 j 01:04	0°♌	
greatest brilliancy	-2245 Sep 23 j 03:23	27°♌43'28	-3.9m
	-2245 Sep 24 j 22:45	0°♍	
morning set	-2245 Oct 07 j 16:15	16°♍02'57	
	-2245 Oct 18 j 17:37	0°♎	
	-2245 Nov 11 j 12:41	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2245 Nov 17 j 22:42	8°♏04'30	0°01'39
minimum elong	-2245 Nov 17 j 23:08	8°♏05'55	0°01'36
behind sun begin	-2245 Nov 16 j 20:16	6°♏41'23	
behind sun end	-2245 Nov 19 j 02:01	9°♏30'26	
desc. node	-2245 Nov 18 j 15:18	8°♏56'46	
max. Earth dist.	-2245 Nov 21 j 15:16	12°♏42'59	1.71097 AU
	-2245 Dec 05 j 09:37	0°♐	
	-2245 Dec 29 j 09:14	0°♑	
evening rise	-2245 Dec 30 j 00:10	0°♑46'34	
	-2244 Jan 22 j 12:21	0°♒	
	-2244 Feb 15 j 20:21	0°♓	
asc. node	-2244 Mar 10 j 15:16	28°♓59'01	
	-2244 Mar 11 j 11:27	0°♈	
	-2244 Apr 05 j 12:32	0°♉	
	-2244 May 01 j 04:11	0°♊	
	-2244 May 27 j 20:19	0°♋	
evening max el	-2244 Jun 25 j 16:43	29°♋53'05	45°55'59
	-2244 Jun 25 j 19:36	0°♌	
desc. node	-2244 Jun 30 j 07:32	4°♌14'34	
greatest brilliancy	-2244 Aug 04 j 19:49	28°♌43'57	-4.8m
	-2244 Aug 10 j 08:11	0°♍	
retrograde	-2244 Aug 13 j 22:50	0°♍14'47	
	-2244 Aug 17 j 11:59	30°℞♌	
evening set	-2244 Aug 31 j 19:32	24°♌19'27	
inferior conj	-2244 Sep 03 j 18:40	22°♌32'27	-8°43'25
minimum elong	-2244 Sep 03 j 23:23	22°♌25'18	8°43'04
min. Earth dist.	-2244 Sep 04 j 09:16	22°♌10'16	0.27192 AU
morning rise	-2244 Sep 07 j 03:04	20°♌31'36	
direct	-2244 Sep 24 j 14:07	14°♌44'48	
greatest brilliancy	-2244 Oct 05 j 11:20	16°♌58'36	-4.9m
asc. node	-2244 Oct 21 j 07:58	26°♌24'49	
	-2244 Oct 25 j 20:11	0°♍	
morning max el	-2244 Nov 14 j 09:47	18°♍22'23	46°54'07
	-2244 Nov 25 j 09:51	0°♎	
	-2244 Dec 21 j 23:04	0°♏	
	-2243 Jan 16 j 10:01	0°♐	
desc. node	-2243 Feb 10 j 00:54	29°♐27'47	
	-2243 Feb 10 j 11:38	0°♑	
	-2243 Mar 07 j 09:11	0°♒	
	-2243 Apr 01 j 04:10	0°♓	
	-2243 Apr 25 j 20:35	0°♈	
morning set	-2243 May 17 j 04:12	26°♈01'58	
	-2243 May 20 j 09:57	0°♉	
asc. node	-2243 Jun 03 j 01:19	16°♉44'35	
	-2243 Jun 13 j 19:34	0°♊	
max. Earth dist.	-2243 Jun 18 j 07:28	5°♊32'58	1.73103 AU
superior conj	-2243 Jun 22 j 05:35	10°♊23'41	0°43'11
minimum elong	-2243 Jun 21 j 22:05	10°♊00'31	0°42'55
	-2243 Jul 08 j 01:21	0°♋	
evening rise	-2243 Jul 28 j 06:15	25°♋07'39	
	-2243 Aug 01 j 04:07	0°♌	
	-2243 Aug 25 j 05:33	0°♍	
	-2243 Sep 18 j 07:33	0°♎	
desc. node	-2243 Sep 22 j 17:20	5°♎28'45	
	-2243 Oct 12 j 11:46	0°♏	
	-2243 Nov 05 j 20:03	0°♐	
	-2243 Nov 30 j 12:14	0°♑	
	-2243 Dec 25 j 21:18	0°♒	
asc. node	-2242 Jan 13 j 17:22	21°♒12'58	
	-2242 Jan 21 j 22:09	0°♓	
evening max el	-2242 Jan 31 j 14:55	9°♓53'54	45°55'13
	-2242 Feb 23 j 15:04	0°♈	
greatest brilliancy	-2242 Mar 11 j 02:04	8°♈45'41	-4.7m
retrograde	-2242 Mar 21 j 19:22	10°♈51'47	
evening set	-2242 Apr 07 j 02:00	5°♈46'40	
inferior conj	-2242 Apr 12 j 06:57	2°♈34'52	4°58'31
minimum elong	-2242 Apr 12 j 15:40	2°♈21'03	4°56'31
min. Earth dist.	-2242 Apr 12 j 17:31	2°♈18'08	0.29181 AU
	-2242 Apr 16 j 10:26	30°℞♓	
morning rise	-2242 Apr 18 j 05:14	28°♓57'32	
direct	-2242 May 03 j 23:55	24°♓11'24	
desc. node	-2242 May 05 j 09:51	24°♓13'41	
greatest brilliancy	-2242 May 14 j 09:54	26°♓07'39	-4.7m
	-2242 May 22 j 17:03	0°♈	
morning max el	-2242 Jun 21 j 21:09	24°♈02'06	45°52'52
	-2242 Jun 27 j 23:24	0°♉	
	-2242 Jul 26 j 02:27	0°♊	
	-2242 Aug 21 j 01:12	0°♋	
asc. node	-2242 Aug 26 j 10:41	6°♋25'45	
	-2242 Sep 14 j 21:29	0°♌	
	-2242 Oct 09 j 03:06	0°♍	
	-2242 Nov 02 j 01:55	0°♎	
	-2242 Nov 25 j 23:14	0°♏	
desc. node	-2242 Dec 16 j 03:17	25°♏16'30	
	-2242 Dec 19 j 21:56	0°♐	
morning set	-2242 Dec 23 j 20:16	4°♐54'52	
	-2241 Jan 12 j 22:59	0°♑	
superior conj	-2241 Feb 02 j 20:50	25°♑59'00	-1°22'31
minimum elong	-2241 Feb 02 j 16:17	25°♑44'51	1°22'31
	-2241 Feb 06 j 02:37	0°♒	
max. Earth dist.	-2241 Feb 06 j 13:17	0°♒33'01	1.72562 AU
	-2241 Mar 02 j 09:03	0°♓	
evening rise	-2241 Mar 13 j 12:23	13°♓42'52	
	-2241 Mar 26 j 18:40	0°♈	
asc. node	-2241 Apr 08 j 03:21	15°♈07'42	
	-2241 Apr 20 j 07:54	0°♉	
	-2241 May 15 j 01:11	0°♊	
	-2241 Jun 08 j 23:40	0°♋	
	-2241 Jul 04 j 06:10	0°♌	
desc. node	-2241 Jul 28 j 19:17	28°♌29'48	
	-2241 Jul 30 j 02:54	0°♍	
	-2241 Aug 26 j 05:13	0°♎	
evening max el	-2241 Sep 08 j 07:18	13°♎31'19	47°16'29
	-2241 Sep 26 j 01:55	0°♏	
greatest brilliancy	-2241 Oct 19 j 06:07	14°♏40'51	-4.9m
retrograde	-2241 Oct 28 j 22:54	16°♏29'14	
evening set	-2241 Nov 12 j 09:49	12°♏18'57	
min. Earth dist.	-2241 Nov 18 j 02:34	8°♏58'32	0.26407 AU
inferior conj	-2241 Nov 18 j 12:53	8°♏42'45	-0°04'25
minimum elong	-2241 Nov 18 j 13:03	8°♏42'29	0°04'24
transit middle	-2241 Nov 18 j 13:03	8°♏42'29	0°04'24
transit begin	-2241 Nov 18 j 09:07	8°♏48'30	
transit end	-2241 Nov 18 j 16:58	8°♏36'28	
asc. node	-2241 Nov 18 j 19:43	8°♏32'14	
morning rise	-2241 Nov 24 j 16:33	5°♏06'24	
direct	-2241 Dec 08 j 18:07	1°♏06'45	
greatest brilliancy	-2241 Dec 18 j 12:15	2°♏55'18	-4.9m
	-2240 Jan 24 j 09:27	0°♐	
morning max el	-2240 Jan 27 j 16:53	3°♐14'07	46°29'08
	-2240 Feb 22 j 04:33	0°♑	
desc. node	-2240 Mar 09 j 12:38	18°♑13'09	
	-2240 Mar 19 j 20:47	0°♒	
	-2240 Apr 14 j 16:33	0°♓	
	-2240 May 10 j 00:28	0°♈	
	-2240 Jun 03 j 23:19	0°♉	
	-2240 Jun 28 j 13:52	0°♊	
asc. node	-2240 Jun 30 j 13:12	2°♊25'19	
	-2240 Jul 22 j 20:47	0°♋	
morning set	-2240 Jul 23 j 21:31	1°♋16'51	
	-2240 Aug 15 j 21:37	0°♌	
max. Earth dist.	-2240 Aug 27 j 16:27	14°♌47'10	1.71462 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2240 Aug 30 j 09:39	18°♌12'00	1°23'26
minimum elong	-2240 Aug 30 j 12:35	18°♌21'12	1°23'27
	-2240 Sep 08 j 18:51	0°♍	
	-2240 Oct 02 j 15:06	0°♎	
evening rise	-2240 Oct 09 j 07:57	8°♎25'41	
desc. node	-2240 Oct 20 j 05:29	22°♎07'00	
	-2240 Oct 26 j 12:16	0°♏	
	-2240 Nov 19 j 11:34	0°♐	
	-2240 Dec 13 j 14:18	0°♑	
	-2239 Jan 06 j 23:02	0°♒	
	-2239 Jan 31 j 18:31	0°♓	
asc. node	-2239 Feb 10 j 05:14	11°♓12'29	
	-2239 Feb 26 j 09:09	0°♈	
	-2239 Mar 25 j 12:27	0°♉	
evening max el	-2239 Apr 12 j 08:48	18°♉01'05	45°11'47
	-2239 Apr 25 j 18:16	0°♊	
greatest brilliancy	-2239 May 20 j 01:36	15°♊16'40	-4.7m
retrograde	-2239 May 30 j 17:05	17°♊17'21	
desc. node	-2239 Jun 01 j 21:47	17°♊11'44	
evening set	-2239 Jun 14 j 20:16	12°♊55'26	
inferior conj	-2239 Jun 21 j 00:47	9°♊16'39	-4°18'05
minimum elong	-2239 Jun 20 j 16:14	9°♊29'47	4°15'50
min. Earth dist.	-2239 Jun 21 j 07:46	9°♊05'55	0.28552 AU
morning rise	-2239 Jun 26 j 11:49	6°♊01'01	
direct	-2239 Jul 12 j 15:15	1°♊04'39	
greatest brilliancy	-2239 Jul 23 j 14:13	3°♊15'14	-4.8m
	-2239 Aug 28 j 20:17	0°♋	
morning max el	-2239 Aug 31 j 13:29	2°♋40'17	46°28'52
asc. node	-2239 Sep 22 j 22:31	26°♋27'22	
	-2239 Sep 26 j 02:09	0°♌	
	-2239 Oct 21 j 18:31	0°♍	
	-2239 Nov 15 j 11:24	0°♎	
	-2239 Dec 09 j 19:32	0°♏	
	-2238 Jan 03 j 01:48	0°♐	
desc. node	-2238 Jan 12 j 15:09	11°♐48'29	
	-2238 Jan 27 j 08:53	0°♑	
	-2238 Feb 20 j 17:21	0°♒	
morning set	-2238 Mar 08 j 00:47	18°♒49'30	
	-2238 Mar 17 j 03:01	0°♓	
	-2238 Apr 10 j 13:27	0°♈	
superior conj	-2238 Apr 14 j 02:09	4°♈19'56	-0°47'45
minimum elong	-2238 Apr 14 j 10:20	4°♈45'04	0°47'24
max. Earth dist.	-2238 Apr 14 j 00:44	4°♈15'36	1.73678 AU
	-2238 May 05 j 00:03	0°♉	
asc. node	-2238 May 05 j 15:29	0°♉47'23	
evening rise	-2238 May 20 j 05:46	18°♉42'45	
	-2238 May 29 j 10:18	0°♊	
	-2238 Jun 22 j 20:14	0°♋	
	-2238 Jul 17 j 06:42	0°♌	
	-2238 Aug 10 j 19:27	0°♍	
desc. node	-2238 Aug 25 j 07:19	17°♍37'38	
	-2238 Sep 04 j 12:52	0°♎	
	-2238 Sep 29 j 14:52	0°♏	
	-2238 Oct 25 j 10:42	0°♐	
evening max el	-2238 Nov 19 j 06:51	26°♐58'57	47°16'39
	-2238 Nov 22 j 06:20	0°♑	
asc. node	-2238 Dec 16 j 07:40	21°♑09'34	
greatest brilliancy	-2238 Dec 29 j 10:50	28°♑35'00	-4.9m
	-2237 Jan 02 j 20:53	0°♒	
retrograde	-2237 Jan 09 j 06:22	0°♒48'25	
	-2237 Jan 15 j 11:06	30°℞♑	
evening set	-2237 Jan 26 j 11:31	24°♑55'41	
min. Earth dist.	-2237 Jan 29 j 11:01	23°♑03'49	0.28242 AU
inferior conj	-2237 Jan 30 j 07:55	22°♑30'34	8°11'13
minimum elong	-2237 Jan 30 j 02:56	22°♑38'30	8°10'47
morning rise	-2237 Feb 02 j 18:45	20°♑21'01	
direct	-2237 Feb 20 j 08:23	14°♑24'55	
greatest brilliancy	-2237 Mar 01 j 04:00	15°♑52'08	-4.8m
	-2237 Mar 24 j 20:18	0°♒	
desc. node	-2237 Apr 07 j 00:20	11°♒30'11	
morning max el	-2237 Apr 10 j 06:39	14°♒35'06	45°52'46
	-2237 Apr 25 j 16:19	0°♓	
	-2237 May 23 j 07:25	0°♈	
	-2237 Jun 18 j 10:34	0°♉	
	-2237 Jul 13 j 16:47	0°♊	
asc. node	-2237 Jul 29 j 01:00	18°♊36'30	
	-2237 Aug 07 j 07:57	0°♋	
	-2237 Aug 31 j 12:15	0°♌	
greatest brilliancy	-2237 Sep 22 j 18:30	27°♌56'10	-3.9m
	-2237 Sep 24 j 09:50	0°♍	
morning set	-2237 Oct 05 j 04:02	13°♍33'52	
	-2237 Oct 18 j 04:40	0°♎	
	-2237 Nov 10 j 23:45	0°♏	
superior conj	-2237 Nov 15 j 07:37	5°♏26'49	0°05'42
minimum elong	-2237 Nov 15 j 09:10	5°♏31'40	0°05'35
behind sun begin	-2237 Nov 14 j 07:35	4°♏11'12	
behind sun end	-2237 Nov 16 j 10:45	6°♏52'07	
desc. node	-2237 Nov 17 j 17:28	8°♏28'42	
max. Earth dist.	-2237 Nov 18 j 20:55	9°♏55'01	1.71068 AU
	-2237 Dec 04 j 20:42	0°♐	
evening rise	-2237 Dec 27 j 10:32	28°♐14'34	
	-2237 Dec 28 j 20:20	0°♑	
	-2236 Jan 21 j 23:28	0°♒	
	-2236 Feb 15 j 07:35	0°♓	
asc. node	-2236 Mar 09 j 17:27	28°♓30'51	
	-2236 Mar 10 j 22:58	0°♈	
	-2236 Apr 05 j 00:43	0°♉	
	-2236 Apr 30 j 17:40	0°♊	
	-2236 May 27 j 12:34	0°♋	
evening max el	-2236 Jun 23 j 05:25	27°♋31'53	45°53'09
	-2236 Jun 25 j 19:42	0°♌	
desc. node	-2236 Jun 29 j 09:32	3°♌18'59	
greatest brilliancy	-2236 Aug 02 j 08:12	26°♌21'01	-4.8m
retrograde	-2236 Aug 11 j 10:39	27°♌51'39	
evening set	-2236 Aug 29 j 09:28	21°♌54'38	
inferior conj	-2236 Sep 01 j 07:41	20°♌09'02	-8°47'25
minimum elong	-2236 Sep 01 j 11:30	20°♌03'12	8°47'10
min. Earth dist.	-2236 Sep 01 j 22:28	19°♌46'31	0.27247 AU
morning rise	-2236 Sep 04 j 13:22	18°♌12'02	
direct	-2236 Sep 22 j 03:15	12°♌20'21	
greatest brilliancy	-2236 Oct 03 j 01:54	14°♌34'51	-4.9m
asc. node	-2236 Oct 20 j 10:09	25°♌10'01	
	-2236 Oct 26 j 06:22	0°♍	
morning max el	-2236 Nov 11 j 22:04	15°♍53'06	46°54'05
	-2236 Nov 25 j 04:50	0°♎	
	-2236 Dec 21 j 14:11	0°♏	
	-2235 Jan 15 j 23:23	0°♐	
desc. node	-2235 Feb 09 j 02:55	28°♐56'37	
	-2235 Feb 09 j 23:59	0°♑	
	-2235 Mar 06 j 20:52	0°♒	
	-2235 Mar 31 j 15:21	0°♓	
	-2235 Apr 25 j 07:27	0°♈	
morning set	-2235 May 14 j 23:08	24°♈00'11	
	-2235 May 19 j 20:38	0°♉	
asc. node	-2235 Jun 02 j 03:24	16°♉18'16	
	-2235 Jun 13 j 06:13	0°♊	
max. Earth dist.	-2235 Jun 16 j 04:22	3°♊36'27	1.73153 AU
superior conj	-2235 Jun 20 j 00:17	8°♊20'17	0°40'29
minimum elong	-2235 Jun 19 j 17:07	7°♊58'09	0°40'14
	-2235 Jul 07 j 12:04	0°♋	
evening rise	-2235 Jul 25 j 23:29	22°♋58'10	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2235 Jul 31 j 15:00	0°♌		
	-2235 Aug 24 j 16:40	0°♍		
	-2235 Sep 17 j 18:59	0°♎		
desc. node	-2235 Sep 21 j 19:30	4°♎59'50		
	-2235 Oct 11 j 23:34	0°♏		
	-2235 Nov 05 j 08:22	0°♐		
	-2235 Nov 30 j 01:21	0°♑		
	-2235 Dec 25 j 12:01	0°♒		
asc. node	-2234 Jan 12 j 19:22	20°♒31'53		
	-2234 Jan 21 j 17:00	0°♓		
evening max el	-2234 Jan 29 j 05:06	7°♓37'09	45°57'55	
	-2234 Feb 24 j 09:23	0°♈		
greatest brilliancy	-2234 Mar 08 j 18:58	6°♈37'58	-4.7m	
retrograde	-2234 Mar 19 j 12:15	8°♈44'38		
evening set	-2234 Apr 04 j 21:14	3°♈35'20		
inferior conj	-2234 Apr 09 j 23:47	0°♈27'09	5°13'39	
minimum elong	-2234 Apr 10 j 08:42	0°♈13'03	5°11'40	
min. Earth dist.	-2234 Apr 10 j 10:08	0°♈10'47	0.29185 AU	
	-2234 Apr 10 j 16:57	30°℞♓		
morning rise	-2234 Apr 15 j 20:02	26°♓52'43		
direct	-2234 May 01 j 16:00	22°♓03'29		
desc. node	-2234 May 04 j 11:58	22°♓12'36		
greatest brilliancy	-2234 May 12 j 02:05	23°♓59'48	-4.7m	
	-2234 May 23 j 22:21	0°♈		
morning max el	-2234 Jun 19 j 13:16	21°♈52'59	45°52'15	
	-2234 Jun 27 j 19:03	0°♉		
	-2234 Jul 25 j 17:14	0°♊		
	-2234 Aug 20 j 14:09	0°♋		
asc. node	-2234 Aug 25 j 12:54	5°♋54'18		
	-2234 Sep 14 j 09:34	0°♌		
	-2234 Oct 08 j 14:44	0°♍		
	-2234 Nov 01 j 13:19	0°♎		
	-2234 Nov 25 j 10:29	0°♏		
desc. node	-2234 Dec 15 j 05:19	24°♏48'07		
	-2234 Dec 19 j 09:01	0°♐		
morning set	-2234 Dec 21 j 06:04	2°♐20'51		
	-2233 Jan 12 j 09:56	0°♑		
superior conj	-2233 Jan 31 j 09:50	23°♑36'48	-1°21'39	
minimum elong	-2233 Jan 31 j 04:26	23°♑20'02	1°21'39	
max. Earth dist.	-2233 Feb 04 j 02:10	28°♑10'37	1.72507 AU	
	-2233 Feb 05 j 13:28	0°♒		
	-2233 Mar 01 j 19:52	0°♓		
evening rise	-2233 Mar 11 j 04:11	11°♓30'35		
	-2233 Mar 26 j 05:33	0°♈		
asc. node	-2233 Apr 07 j 05:33	14°♈41'01		
	-2233 Apr 19 j 18:58	0°♉		
	-2233 May 14 j 12:37	0°♊		
	-2233 Jun 08 j 11:44	0°♋		
	-2233 Jul 03 j 19:20	0°♌		
desc. node	-2233 Jul 27 j 21:20	27°♌52'47		
	-2233 Jul 29 j 18:05	0°♍		
	-2233 Aug 26 j 00:50	0°♎		
evening max el	-2233 Sep 05 j 20:45	11°♎06'58	47°14'29	
	-2233 Sep 26 j 15:04	0°♏		
greatest brilliancy	-2233 Oct 16 j 19:19	12°♏11'29	-4.9m	
retrograde	-2233 Oct 26 j 11:48	13°♏59'26		
evening set	-2233 Nov 09 j 23:02	9°♏47'58		
min. Earth dist.	-2233 Nov 15 j 16:00	6°♏27'23	0.26387 AU	
inferior conj	-2233 Nov 16 j 01:06	6°♏13'29	-0°28'57	
minimum elong	-2233 Nov 16 j 02:12	6°♏11'48	0°28'37	
asc. node	-2233 Nov 17 j 21:51	5°♏05'22		
morning rise	-2233 Nov 22 j 05:39	2°♏36'38		
	-2233 Nov 28 j 03:59	30°℞♎		
direct	-2233 Dec 06 j 06:35	28°♎37'47		
	-2233 Dec 14 j 16:36	0°♏		
greatest brilliancy	-2233 Dec 16 j 01:42	0°♏27'48	-4.9m	

	-2232 Jan 24 j 09:37	0°♐		
morning max el	-2232 Jan 25 j 07:16	0°♐53'28	46°30'34	
	-2232 Feb 21 j 21:08	0°♑		
desc. node	-2232 Mar 08 j 14:52	17°♑37'46		
	-2232 Mar 19 j 10:37	0°♒		
	-2232 Apr 14 j 05:00	0°♓		
	-2232 May 09 j 12:09	0°♈		
	-2232 Jun 03 j 10:32	0°♉		
	-2232 Jun 28 j 00:48	0°♊		
asc. node	-2232 Jun 29 j 15:14	1°♊58'02		
morning set	-2232 Jul 21 j 14:17	29°♊06'18		
	-2232 Jul 22 j 07:35	0°♋		
	-2232 Aug 15 j 08:25	0°♌		
max. Earth dist.	-2232 Aug 25 j 03:56	12°♌18'27	1.71510 AU	
superior conj	-2232 Aug 28 j 00:16	15°♌53'00	1°23'51	
minimum elong	-2232 Aug 28 j 02:20	15°♌59'32	1°23'53	
	-2232 Sep 08 j 05:45	0°♍		
	-2232 Oct 02 j 02:08	0°♎		
evening rise	-2232 Oct 06 j 18:24	5°♎52'54		
desc. node	-2232 Oct 19 j 07:35	21°♎38'40		
	-2232 Oct 25 j 23:28	0°♏		
	-2232 Nov 18 j 22:55	0°♐		
	-2232 Dec 13 j 01:52	0°♑		
	-2231 Jan 06 j 10:57	0°♒		
	-2231 Jan 31 j 07:07	0°♓		
asc. node	-2231 Feb 09 j 07:27	10°♓40'46		
	-2231 Feb 25 j 23:11	0°♈		
	-2231 Mar 25 j 06:01	0°♉		
evening max el	-2231 Apr 10 j 01:09	15°♉52'02	45°11'52	
	-2231 Apr 26 j 02:21	0°♊		
greatest brilliancy	-2231 May 17 j 16:27	13°♊05'22	-4.7m	
retrograde	-2231 May 28 j 08:22	15°♊06'02		
desc. node	-2231 May 31 j 23:49	14°♊50'33		
evening set	-2231 Jun 12 j 10:14	10°♊46'14		
inferior conj	-2231 Jun 18 j 16:14	7°♊04'56	-3°59'55	
minimum elong	-2231 Jun 18 j 08:09	7°♊17'23	3°57'45	
min. Earth dist.	-2231 Jun 18 j 23:14	6°♊54'09	0.28580 AU	
morning rise	-2231 Jun 24 j 05:41	3°♊45'34		
	-2231 Jul 02 j 18:25	30°℞♉		
direct	-2231 Jul 10 j 07:31	28°♉52'34		
	-2231 Jul 18 j 02:13	0°♊		
greatest brilliancy	-2231 Jul 21 j 05:11	1°♊01'48	-4.8m	
	-2231 Aug 28 j 18:55	0°♋		
morning max el	-2231 Aug 29 j 04:16	0°♋23'09	46°27'30	
asc. node	-2231 Sep 22 j 00:40	25°♋47'13		
	-2231 Sep 25 j 18:09	0°♌		
	-2231 Oct 21 j 08:15	0°♍		
	-2231 Nov 15 j 00:04	0°♎		
	-2231 Dec 09 j 07:36	0°♏		
	-2230 Jan 02 j 13:27	0°♐		
desc. node	-2230 Jan 11 j 17:12	11°♐19'10		
	-2230 Jan 26 j 20:13	0°♑		
	-2230 Feb 20 j 04:27	0°♒		
morning set	-2230 Mar 05 j 16:24	16°♒36'18		
	-2230 Mar 16 j 13:56	0°♓		
	-2230 Apr 10 j 00:14	0°♈		
superior conj	-2230 Apr 11 j 19:53	2°♈13'59	-0°50'19	
minimum elong	-2230 Apr 12 j 04:20	2°♈39'54	0°49'59	
max. Earth dist.	-2230 Apr 11 j 23:31	2°♈25'05	1.73662 AU	
	-2230 May 04 j 10:50	0°♉		
asc. node	-2230 May 04 j 17:30	0°♉20'28		
evening rise	-2230 May 18 j 00:52	16°♉40'39		
	-2230 May 28 j 21:13	0°♊		
	-2230 Jun 22 j 07:25	0°♋		
	-2230 Jul 16 j 18:18	0°♌		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2230 Aug 10 j 07:35	0°♍	
desc. node	-2230 Aug 24 j 09:32	17°♍06'24	
	-2230 Sep 04 j 01:46	0°♎	
	-2230 Sep 29 j 05:02	0°♏	
	-2230 Oct 25 j 03:20	0°♐	
evening max el	-2230 Nov 16 j 22:12	24°♐39'16	47°18'19
	-2230 Nov 22 j 05:51	0°♑	
asc. node	-2230 Dec 15 j 09:39	19°♑51'07	
greatest brilliancy	-2230 Dec 27 j 03:22	26°♑18'09	-4.9m
retrograde	-2229 Jan 06 j 21:57	28°♑30'33	
evening set	-2229 Jan 24 j 00:27	22°♑42'37	
min. Earth dist.	-2229 Jan 27 j 01:36	20°♑48'11	0.28173 AU
inferior conj	-2229 Jan 27 j 23:18	20°♑13'37	8°05'48
minimum elong	-2229 Jan 27 j 17:40	20°♑22'36	8°05'15
morning rise	-2229 Jan 31 j 11:17	18°♑02'10	
direct	-2229 Feb 17 j 23:03	12°♑09'18	
greatest brilliancy	-2229 Feb 26 j 17:57	13°♑35'44	-4.8m
	-2229 Mar 25 j 04:44	0°♒	
desc. node	-2229 Apr 06 j 02:25	10°♒38'45	
morning max el	-2229 Apr 07 j 20:40	12°♒19'10	45°53'29
	-2229 Apr 25 j 10:20	0°♓	
	-2229 May 22 j 21:44	0°♈	
	-2229 Jun 17 j 23:16	0°♉	
	-2229 Jul 13 j 04:40	0°♊	
asc. node	-2229 Jul 28 j 03:08	18°♊07'30	
	-2229 Aug 06 j 19:26	0°♋	
	-2229 Aug 30 j 23:32	0°♌	
greatest brilliancy	-2229 Sep 22 j 10:22	28°♌10'51	-3.9m
	-2229 Sep 23 j 21:01	0°♍	
morning set	-2229 Oct 02 j 16:04	11°♍05'14	
	-2229 Oct 17 j 15:49	0°♎	
	-2229 Nov 10 j 10:52	0°♏	
superior conj	-2229 Nov 12 j 17:00	2°♏50'22	0°09'41
minimum elong	-2229 Nov 12 j 19:37	2°♏58'36	0°09'31
behind sun begin	-2229 Nov 11 j 21:26	1°♏48'46	
behind sun end	-2229 Nov 13 j 17:49	4°♏08'25	
max. Earth dist.	-2229 Nov 16 j 00:26	7°♏00'12	1.71037 AU
desc. node	-2229 Nov 16 j 19:29	8°♏00'05	
	-2229 Dec 04 j 07:49	0°♐	
evening rise	-2229 Dec 24 j 21:08	25°♐43'04	
	-2229 Dec 28 j 07:29	0°♑	
	-2228 Jan 21 j 10:40	0°♒	
	-2228 Feb 14 j 18:56	0°♓	
asc. node	-2228 Mar 08 j 19:34	28°♓01'55	
	-2228 Mar 10 j 10:41	0°♈	
	-2228 Apr 04 j 13:09	0°♉	
	-2228 Apr 30 j 07:31	0°♊	
	-2228 May 27 j 05:23	0°♋	
evening max el	-2228 Jun 20 j 17:36	25°♋08'57	45°50'29
	-2228 Jun 25 j 21:21	0°♌	
desc. node	-2228 Jun 28 j 11:37	2°♌21'38	
greatest brilliancy	-2228 Jul 30 j 20:10	23°♌56'58	-4.8m
retrograde	-2228 Aug 08 j 22:45	25°♌28'02	
evening set	-2228 Aug 26 j 22:49	19°♌29'35	
inferior conj	-2228 Aug 29 j 20:36	17°♌44'47	-8°50'24
minimum elong	-2228 Aug 29 j 23:30	17°♌40'22	8°50'16
min. Earth dist.	-2228 Aug 30 j 11:32	17°♌22'06	0.27303 AU
morning rise	-2228 Sep 01 j 23:58	15°♌51'14	
direct	-2228 Sep 19 j 16:18	9°♌54'51	
greatest brilliancy	-2228 Sep 30 j 16:34	12°♌10'31	-4.9m
asc. node	-2228 Oct 19 j 12:10	23°♌56'17	
	-2228 Oct 26 j 14:09	0°♍	
morning max el	-2228 Nov 09 j 11:19	13°♍25'37	46°54'18
	-2228 Nov 24 j 23:32	0°♎	
	-2228 Dec 21 j 05:16	0°♏	
	-2227 Jan 15 j 12:47	0°♐	
desc. node	-2227 Feb 08 j 05:09	28°♐25'53	
	-2227 Feb 09 j 12:24	0°♑	
	-2227 Mar 06 j 08:38	0°♒	
	-2227 Mar 31 j 02:42	0°♓	
	-2227 Apr 24 j 18:32	0°♈	
morning set	-2227 May 12 j 17:53	21°♈57'05	
	-2227 May 19 j 07:34	0°♉	
asc. node	-2227 Jun 01 j 05:27	15°♉51'03	
	-2227 Jun 12 j 17:08	0°♊	
max. Earth dist.	-2227 Jun 14 j 02:17	1°♊42'16	1.73200 AU
superior conj	-2227 Jun 17 j 18:46	6°♊15'24	0°37'43
minimum elong	-2227 Jun 17 j 11:58	5°♊54'26	0°37'29
	-2227 Jul 06 j 23:03	0°♋	
evening rise	-2227 Jul 23 j 16:41	20°♋47'51	
	-2227 Jul 31 j 02:09	0°♌	
	-2227 Aug 24 j 04:05	0°♍	
	-2227 Sep 17 j 06:43	0°♎	
desc. node	-2227 Sep 20 j 21:34	4°♎29'38	
	-2227 Oct 11 j 11:43	0°♏	
	-2227 Nov 04 j 21:01	0°♐	
	-2227 Nov 29 j 14:48	0°♑	
	-2227 Dec 25 j 03:06	0°♒	
asc. node	-2226 Jan 11 j 21:36	19°♒50'33	
	-2226 Jan 21 j 12:31	0°♓	
evening max el	-2226 Jan 26 j 20:10	5°♓22'13	46°00'46
	-2226 Feb 25 j 10:37	0°♈	
greatest brilliancy	-2226 Mar 06 j 11:23	4°♈29'31	-4.7m
retrograde	-2226 Mar 17 j 05:45	6°♈37'23	
evening set	-2226 Apr 02 j 16:39	1°♈23'47	
	-2226 Apr 05 j 00:25	30°℞♓	
inferior conj	-2226 Apr 07 j 16:46	28°♓19'07	5°28'13
minimum elong	-2226 Apr 08 j 01:49	28°♓04'49	5°26'16
min. Earth dist.	-2226 Apr 08 j 02:29	28°♓03'45	0.29191 AU
morning rise	-2226 Apr 13 j 10:54	24°♓47'54	
direct	-2226 Apr 29 j 08:38	19°♓55'18	
desc. node	-2226 May 03 j 14:01	20°♓15'28	
greatest brilliancy	-2226 May 09 j 17:57	21°♓51'14	-4.7m
	-2226 May 24 j 19:55	0°♈	
morning max el	-2226 Jun 17 j 06:28	19°♈45'41	45°51'31
	-2226 Jun 27 j 14:30	0°♉	
	-2226 Jul 25 j 08:10	0°♊	
	-2226 Aug 20 j 03:20	0°♋	
asc. node	-2226 Aug 24 j 15:04	5°♋21'54	
	-2226 Sep 13 j 21:54	0°♌	
	-2226 Oct 08 j 02:38	0°♍	
	-2226 Nov 01 j 00:59	0°♎	
	-2226 Nov 24 j 22:00	0°♏	
desc. node	-2226 Dec 14 j 07:23	24°♏18'55	
morning set	-2226 Dec 18 j 15:56	29°♏46'02	
	-2226 Dec 18 j 20:24	0°♐	
	-2225 Jan 11 j 21:09	0°♑	
superior conj	-2225 Jan 28 j 22:53	21°♑13'48	-1°20'40
minimum elong	-2225 Jan 28 j 16:39	20°♑54'27	1°20'37
max. Earth dist.	-2225 Feb 01 j 15:49	25°♑49'42	1.72448 AU
	-2225 Feb 05 j 00:34	0°♒	
	-2225 Mar 01 j 06:54	0°♓	
evening rise	-2225 Mar 08 j 20:12	9°♓18'18	
	-2225 Mar 25 j 16:39	0°♈	
asc. node	-2225 Apr 06 j 07:34	14°♈13'09	
	-2225 Apr 19 j 06:16	0°♉	
	-2225 May 14 j 00:19	0°♊	
	-2225 Jun 08 j 00:10	0°♋	
	-2225 Jul 03 j 08:58	0°♌	
desc. node	-2225 Jul 26 j 23:32	27°♌14'50	
	-2225 Jul 29 j 09:53	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2225 Aug 25 j 21:27	0°♎		
evening max el	-2225 Sep 03 j 11:04	8°♎43'53	47°12'25	
	-2225 Sep 27 j 09:07	0°♏		
greatest brilliancy	-2225 Oct 14 j 08:15	9°♏40'55	-4.9m	
retrograde	-2225 Oct 24 j 00:48	11°♏28'18		
evening set	-2225 Nov 07 j 12:26	7°♏15'43		
min. Earth dist.	-2225 Nov 13 j 05:13	3°♏55'11	0.26369 AU	
inferior conj	-2225 Nov 13 j 13:13	3°♏42'58	-0°53'26	
minimum elong	-2225 Nov 13 j 15:14	3°♏39'53	0°52'49	
asc. node	-2225 Nov 16 j 23:55	1°♏38'36		
morning rise	-2225 Nov 19 j 18:24	0°♏05'48		
	-2225 Nov 19 j 22:49	30°℞♎		
direct	-2225 Dec 03 j 19:16	26°♎07'44		
greatest brilliancy	-2225 Dec 13 j 14:41	27°♎58'28	-4.9m	
	-2225 Dec 18 j 07:47	0°♏		
morning max el	-2224 Jan 22 j 21:36	28°♏31'34	46°32'00	
	-2224 Jan 24 j 09:05	0°♐		
	-2224 Feb 21 j 13:44	0°♑		
desc. node	-2224 Mar 07 j 16:53	17°♑01'13		
	-2224 Mar 19 j 00:35	0°♒		
	-2224 Apr 13 j 17:37	0°♓		
	-2224 May 08 j 23:59	0°♈		
	-2224 Jun 02 j 21:55	0°♉		
	-2224 Jun 27 j 11:58	0°♊		
asc. node	-2224 Jun 28 j 17:25	1°♊30'30		
morning set	-2224 Jul 19 j 07:05	26°♊55'04		
	-2224 Jul 21 j 18:40	0°♋		
	-2224 Aug 14 j 19:32	0°♌		
max. Earth dist.	-2224 Aug 22 j 12:19	9°♌39'11	1.71562 AU	
superior conj	-2224 Aug 25 j 14:54	13°♌33'15	1°24'08	
minimum elong	-2224 Aug 25 j 16:09	13°♌37'10	1°24'10	
	-2224 Sep 07 j 16:58	0°♍		
	-2224 Oct 01 j 13:28	0°♎		
evening rise	-2224 Oct 04 j 04:44	3°♎18'50		
desc. node	-2224 Oct 18 j 09:35	21°♎09'06		
	-2224 Oct 25 j 10:56	0°♏		
	-2224 Nov 18 j 10:33	0°♐		
	-2224 Dec 12 j 13:44	0°♑		
	-2223 Jan 05 j 23:11	0°♒		
	-2223 Jan 30 j 20:03	0°♓		
asc. node	-2223 Feb 08 j 09:34	10°♓07'50		
	-2223 Feb 25 j 13:36	0°♈		
	-2223 Mar 25 j 00:09	0°♉		
evening max el	-2223 Apr 07 j 17:13	13°♉41'57	45°12'08	
	-2223 Apr 26 j 13:23	0°♊		
greatest brilliancy	-2223 May 15 j 07:58	10°♊55'06	-4.7m	
retrograde	-2223 May 25 j 23:26	12°♊55'27		
desc. node	-2223 May 31 j 01:53	12°♊25'09		
evening set	-2223 Jun 10 j 00:45	8°♊37'24		
inferior conj	-2223 Jun 16 j 08:03	4°♊54'00	-3°41'45	
minimum elong	-2223 Jun 16 j 00:28	5°♊05'43	3°39'40	
min. Earth dist.	-2223 Jun 16 j 15:20	4°♊42'44	0.28611 AU	
morning rise	-2223 Jun 21 j 23:45	1°♊30'58		
	-2223 Jun 24 j 21:10	30°℞♉		
direct	-2223 Jul 07 j 23:43	26°♉41'09		
greatest brilliancy	-2223 Jul 18 j 20:56	28°♉49'27	-4.8m	
	-2223 Jul 21 j 16:46	0°♊		
morning max el	-2223 Aug 26 j 18:32	28°♊04'13	46°25'53	
	-2223 Aug 28 j 16:56	0°♋		
asc. node	-2223 Sep 21 j 02:40	25°♋06'12		
	-2223 Sep 25 j 10:12	0°♌		
	-2223 Oct 20 j 22:12	0°♍		
	-2223 Nov 14 j 12:58	0°♎		
	-2223 Dec 08 j 19:53	0°♏		
	-2222 Jan 02 j 01:18	0°♐		
desc. node	-2222 Jan 10 j 19:24	10°♐49'45		
	-2222 Jan 26 j 07:44	0°♑		
	-2222 Feb 19 j 15:44	0°♒		
morning set	-2222 Mar 03 j 07:55	14°♒22'09		
	-2222 Mar 16 j 01:01	0°♓		
	-2222 Apr 09 j 11:12	0°♈		
superior conj	-2222 Apr 09 j 13:49	0°♈08'04	-0°52'49	
minimum elong	-2222 Apr 09 j 22:29	0°♈34'38	0°52'29	
max. Earth dist.	-2222 Apr 09 j 20:36	0°♈28'51	1.73641 AU	
asc. node	-2222 May 03 j 19:36	29°♈53'25		
	-2222 May 03 j 21:45	0°♉		
evening rise	-2222 May 15 j 20:13	14°♉39'01		
	-2222 May 28 j 08:15	0°♊		
	-2222 Jun 21 j 18:43	0°♋		
	-2222 Jul 16 j 06:00	0°♌		
	-2222 Aug 09 j 19:54	0°♍		
desc. node	-2222 Aug 23 j 11:33	16°♍33'48		
	-2222 Sep 03 j 14:58	0°♎		
	-2222 Sep 28 j 19:37	0°♏		
	-2222 Oct 24 j 20:36	0°♐		
evening max el	-2222 Nov 14 j 12:38	22°♐16'15	47°19'58	
	-2222 Nov 22 j 06:51	0°♑		
asc. node	-2222 Dec 14 j 11:52	18°♑29'35		
greatest brilliancy	-2222 Dec 24 j 20:12	24°♑00'26	-4.9m	
retrograde	-2221 Jan 04 j 13:08	26°♑11'36		
evening set	-2221 Jan 21 j 13:05	20°♑28'38		
min. Earth dist.	-2221 Jan 24 j 16:24	18°♑31'00	0.28101 AU	
inferior conj	-2221 Jan 25 j 14:34	17°♑55'41	7°59'39	
minimum elong	-2221 Jan 25 j 08:19	18°♑05'40	7°58'57	
morning rise	-2221 Jan 29 j 03:56	15°♑42'02		
direct	-2221 Feb 15 j 13:05	9°♑52'34		
greatest brilliancy	-2221 Feb 24 j 08:20	11°♑18'58	-4.8m	
	-2221 Mar 25 j 10:59	0°♒		
desc. node	-2221 Apr 05 j 04:28	9°♒47'52		
morning max el	-2221 Apr 05 j 10:27	10°♒02'08	45°54'24	
	-2221 Apr 25 j 04:03	0°♓		
	-2221 May 22 j 11:57	0°♈		
	-2221 Jun 17 j 11:55	0°♉		
	-2221 Jul 12 j 16:31	0°♊		
asc. node	-2221 Jul 27 j 05:19	17°♊38'51		
	-2221 Aug 06 j 06:52	0°♋		
	-2221 Aug 30 j 10:47	0°♌		
greatest brilliancy	-2221 Sep 21 j 23:01	28°♌15'28	-3.9m	
	-2221 Sep 23 j 08:13	0°♍		
morning set	-2221 Sep 30 j 04:15	8°♍36'57		
	-2221 Oct 17 j 03:01	0°♎		
	-2221 Nov 09 j 22:06	0°♏		
superior conj	-2221 Nov 10 j 02:04	0°♏12'29	0°13'40	
minimum elong	-2221 Nov 10 j 05:45	0°♏24'05	0°13'28	
behind sun begin	-2221 Nov 09 j 14:14	29°♎35'15		
behind sun end	-2221 Nov 10 j 21:15	1°♏12'54		
max. Earth dist.	-2221 Nov 13 j 00:59	3°♏55'39	1.71017 AU	
desc. node	-2221 Nov 15 j 21:37	7°♏31'30		
	-2221 Dec 03 j 19:05	0°♐		
evening rise	-2221 Dec 22 j 07:05	23°♐09'09		
	-2221 Dec 27 j 18:45	0°♑		
	-2220 Jan 20 j 21:58	0°♒		
	-2220 Feb 14 j 06:23	0°♓		
asc. node	-2220 Mar 07 j 21:35	27°♓32'25		
	-2220 Mar 09 j 22:30	0°♈		
	-2220 Apr 04 j 01:42	0°♉		
	-2220 Apr 29 j 21:29	0°♊		
	-2220 May 26 j 22:27	0°♋		
evening max el	-2220 Jun 18 j 06:38	22°♋48'49	45°48'07	
	-2220 Jun 26 j 00:10	0°♌		
desc. node	-2220 Jun 27 j 13:51	1°♌23'55		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2220 Jul 28 j 07:42	21°♌33'55	-4.8m
retrograde	-2220 Aug 06 j 11:42	23°♌06'13	
evening set	-2220 Aug 24 j 12:00	17°♌06'52	
inferior conj	-2220 Aug 27 j 09:50	15°♌22'10	-8°52'24
minimum elong	-2220 Aug 27 j 11:48	15°♌19'10	8°52'18
min. Earth dist.	-2220 Aug 28 j 00:28	14°♌59'58	0.27362 AU
morning rise	-2220 Aug 30 j 11:24	13°♌31'26	
direct	-2220 Sep 17 j 06:07	7°♌31'05	
greatest brilliancy	-2220 Sep 28 j 07:06	9°♌47'34	-4.9m
asc. node	-2220 Oct 18 j 14:20	22°♌45'43	
	-2220 Oct 26 j 19:26	0°♍	
morning max el	-2220 Nov 07 j 01:40	11°♍01'31	46°54'04
	-2220 Nov 24 j 17:43	0°♎	
	-2220 Dec 20 j 20:11	0°♏	
	-2219 Jan 15 j 02:09	0°♐	
desc. node	-2219 Feb 07 j 07:10	27°♐54'26	
	-2219 Feb 09 j 00:48	0°♑	
	-2219 Mar 05 j 20:23	0°♒	
	-2219 Mar 30 j 13:59	0°♓	
	-2219 Apr 24 j 05:32	0°♈	
morning set	-2219 May 10 j 12:29	19°♈53'50	
	-2219 May 18 j 18:25	0°♉	
asc. node	-2219 May 31 j 07:38	15°♉24'32	
max. Earth dist.	-2219 Jun 12 j 00:40	29°♉49'52	1.73242 AU
	-2219 Jun 12 j 03:57	0°♊	
superior conj	-2219 Jun 15 j 13:19	4°♊11'05	0°34'56
minimum elong	-2219 Jun 15 j 06:55	3°♊51'22	0°34'41
	-2219 Jul 06 j 09:55	0°♋	
evening rise	-2219 Jul 21 j 10:16	18°♋39'15	
	-2219 Jul 30 j 13:08	0°♌	
	-2219 Aug 23 j 15:17	0°♍	
	-2219 Sep 16 j 18:14	0°♎	
desc. node	-2219 Sep 19 j 23:36	4°♎00'06	
	-2219 Oct 10 j 23:38	0°♏	
	-2219 Nov 04 j 09:30	0°♐	
	-2219 Nov 29 j 04:11	0°♑	
	-2219 Dec 24 j 18:19	0°♒	
asc. node	-2218 Jan 10 j 23:42	19°♒08'21	
	-2218 Jan 21 j 08:40	0°♓	
evening max el	-2218 Jan 24 j 12:04	3°♓09'12	46°03'35
	-2218 Feb 26 j 22:53	0°♈	
greatest brilliancy	-2218 Mar 04 j 03:35	2°♈20'23	-4.8m
retrograde	-2218 Mar 14 j 23:12	4°♈29'14	
	-2218 Mar 30 j 01:54	30°℞♓	
evening set	-2218 Mar 31 j 11:53	29°♓11'33	
inferior conj	-2218 Apr 05 j 09:28	26°♓10'23	5°42'31
minimum elong	-2218 Apr 05 j 18:36	25°♓55'56	5°40'38
min. Earth dist.	-2218 Apr 05 j 18:18	25°♓56'25	0.29192 AU
morning rise	-2218 Apr 11 j 01:20	22°♓42'34	
direct	-2218 Apr 27 j 01:21	17°♓46'39	
desc. node	-2218 May 02 j 16:09	18°♓22'06	
greatest brilliancy	-2218 May 07 j 08:53	19°♓41'29	-4.7m
	-2218 May 25 j 11:54	0°♈	
morning max el	-2218 Jun 14 j 23:45	17°♈39'06	45°50'51
	-2218 Jun 27 j 09:15	0°♉	
	-2218 Jul 24 j 22:43	0°♊	
	-2218 Aug 19 j 16:10	0°♋	
asc. node	-2218 Aug 23 j 17:00	4°♋49'41	
	-2218 Sep 13 j 09:54	0°♌	
	-2218 Oct 07 j 14:12	0°♍	
	-2218 Oct 31 j 12:19	0°♎	
	-2218 Nov 24 j 09:11	0°♏	
desc. node	-2218 Dec 13 j 09:33	23°♏51'04	
morning set	-2218 Dec 16 j 01:56	27°♏12'35	
	-2218 Dec 18 j 07:27	0°♐	
	-2217 Jan 11 j 08:07	0°♑	
superior conj	-2217 Jan 26 j 11:26	18°♑49'50	-1°19'30
minimum elong	-2217 Jan 26 j 04:24	18°♑27'58	1°19'26
max. Earth dist.	-2217 Jan 30 j 06:19	23°♑31'56	1.72397 AU
	-2217 Feb 04 j 11:27	0°♒	
	-2217 Feb 28 j 17:47	0°♓	
evening rise	-2217 Mar 06 j 11:34	7°♓04'27	
greatest brilliancy	-2217 Mar 06 j 06:54	6°♓50'04	-3.9m
	-2217 Mar 25 j 03:35	0°♈	
asc. node	-2217 Apr 05 j 09:40	13°♈45'58	
	-2217 Apr 18 j 17:24	0°♉	
	-2217 May 13 j 11:52	0°♊	
	-2217 Jun 07 j 12:26	0°♋	
	-2217 Jul 02 j 22:28	0°♌	
desc. node	-2217 Jul 26 j 01:33	26°♌36'46	
	-2217 Jul 29 j 01:38	0°♍	
	-2217 Aug 25 j 18:24	0°♎	
evening max el	-2217 Sep 01 j 01:50	6°♎23'03	47°10'19
	-2217 Sep 28 j 08:31	0°♏	
greatest brilliancy	-2217 Oct 11 j 21:38	7°♏12'30	-4.9m
retrograde	-2217 Oct 21 j 13:40	8°♏58'42	
evening set	-2217 Nov 05 j 02:13	4°♏45'07	
inferior conj	-2217 Nov 11 j 01:29	1°♏14'17	-1°17'48
minimum elong	-2217 Nov 11 j 04:25	1°♏09'48	1°16'54
min. Earth dist.	-2217 Nov 10 j 18:42	1°♏24'39	0.26350 AU
	-2217 Nov 13 j 02:24	30°℞♎	
asc. node	-2217 Nov 16 j 02:04	28°♎16'00	
morning rise	-2217 Nov 17 j 07:01	27°♎36'50	
direct	-2217 Dec 01 j 08:02	23°♎39'41	
greatest brilliancy	-2217 Dec 11 j 03:52	25°♎30'54	-4.9m
	-2217 Dec 20 j 07:23	0°♏	
morning max el	-2216 Jan 20 j 11:12	26°♏09'03	46°33'12
	-2216 Jan 24 j 07:04	0°♐	
	-2216 Feb 21 j 05:39	0°♑	
desc. node	-2216 Mar 06 j 18:56	16°♑26'01	
	-2216 Mar 18 j 14:07	0°♒	
	-2216 Apr 13 j 05:55	0°♓	
	-2216 May 08 j 11:33	0°♈	
	-2216 Jun 02 j 09:02	0°♉	
	-2216 Jun 26 j 22:50	0°♊	
asc. node	-2216 Jun 27 j 19:30	1°♊03'27	
morning set	-2216 Jul 16 j 23:44	24°♊44'20	
	-2216 Jul 21 j 05:27	0°♋	
	-2216 Aug 14 j 06:21	0°♌	
max. Earth dist.	-2216 Aug 19 j 20:20	6°♌59'52	1.71616 AU
superior conj	-2216 Aug 23 j 05:41	11°♌14'58	1°24'16
minimum elong	-2216 Aug 23 j 06:06	11°♌16'19	1°24'19
	-2216 Sep 07 j 03:53	0°♍	
	-2216 Oct 01 j 00:30	0°♎	
evening rise	-2216 Oct 01 j 15:20	0°♎46'37	
desc. node	-2216 Oct 17 j 11:45	20°♎41'04	
	-2216 Oct 24 j 22:05	0°♏	
	-2216 Nov 17 j 21:50	0°♐	
	-2216 Dec 12 j 01:13	0°♑	
	-2215 Jan 05 j 11:02	0°♒	
	-2215 Jan 30 j 08:39	0°♓	
asc. node	-2215 Feb 07 j 11:33	9°♓35'33	
	-2215 Feb 25 j 03:47	0°♈	
	-2215 Mar 24 j 18:26	0°♉	
evening max el	-2215 Apr 05 j 08:25	11°♉30'24	45°12'17
	-2215 Apr 27 j 03:58	0°♊	
greatest brilliancy	-2215 May 12 j 23:32	8°♊45'07	-4.7m
retrograde	-2215 May 23 j 14:15	10°♊45'15	
desc. node	-2215 May 30 j 04:05	9°♊54'52	
evening set	-2215 Jun 07 j 15:14	6°♊28'26	
inferior conj	-2215 Jun 13 j 23:44	2°♊43'25	-3°23'06
minimum elong	-2215 Jun 13 j 16:42	2°♊54'18	3°21'08

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2215 Jun 14 j 07:40	2°♊31'08	0.28642 AU	
	-2215 Jun 18 j 11:23	30°℞♉		
morning rise	-2215 Jun 19 j 17:37	29°♉16'52		
direct	-2215 Jul 05 j 15:17	24°♉29'55		
greatest brilliancy	-2215 Jul 16 j 13:13	26°♉38'11	-4.8m	
	-2215 Jul 23 j 16:20	0°♊		
morning max el	-2215 Aug 24 j 08:20	25°♊45'01	46°24'27	
	-2215 Aug 28 j 13:52	0°♋		
asc. node	-2215 Sep 20 j 04:52	24°♋27'04		
	-2215 Sep 25 j 01:41	0°♌		
	-2215 Oct 20 j 11:42	0°♍		
	-2215 Nov 14 j 01:28	0°♎		
	-2215 Dec 08 j 07:46	0°♏		
	-2214 Jan 01 j 12:46	0°♐		
desc. node	-2214 Jan 09 j 21:24	10°♐20'51		
	-2214 Jan 25 j 18:53	0°♑		
	-2214 Feb 19 j 02:37	0°♒		
morning set	-2214 Feb 28 j 23:29	12°♒09'13		
	-2214 Mar 15 j 11:44	0°♓		
superior conj	-2214 Apr 07 j 07:46	28°♓03'14	-0°55'15	
minimum elong	-2214 Apr 07 j 16:35	28°♓30'16	0°54'55	
max. Earth dist.	-2214 Apr 07 j 16:40	28°♓30'32	1.73625 AU	
	-2214 Apr 08 j 21:49	0°♈		
asc. node	-2214 May 02 j 21:47	29°♈27'26		
	-2214 May 03 j 08:24	0°♉		
evening rise	-2214 May 13 j 15:25	12°♉37'45		
	-2214 May 27 j 19:04	0°♊		
	-2214 Jun 21 j 05:48	0°♋		
	-2214 Jul 15 j 17:31	0°♌		
	-2214 Aug 09 j 08:01	0°♍		
desc. node	-2214 Aug 22 j 13:36	16°♍02'00		
	-2214 Sep 03 j 03:59	0°♎		
	-2214 Sep 28 j 10:05	0°♏		
	-2214 Oct 24 j 13:54	0°♐		
evening max el	-2214 Nov 12 j 02:47	19°♐53'16	47°21'38	
	-2214 Nov 22 j 08:48	0°♑		
asc. node	-2214 Dec 13 j 13:59	17°♑06'11		
greatest brilliancy	-2214 Dec 22 j 12:51	21°♑43'10	-4.9m	
retrograde	-2213 Jan 02 j 04:27	23°♑53'40		
evening set	-2213 Jan 19 j 01:32	18°♑15'35		
min. Earth dist.	-2213 Jan 22 j 07:17	16°♑14'36	0.28027 AU	
inferior conj	-2213 Jan 23 j 05:52	15°♑38'40	7°52'33	
minimum elong	-2213 Jan 22 j 23:02	15°♑49'34	7°51'44	
morning rise	-2213 Jan 26 j 20:54	13°♑22'36		
direct	-2213 Feb 13 j 02:52	7°♑36'37		
greatest brilliancy	-2213 Feb 21 j 22:56	9°♑03'28	-4.8m	
	-2213 Mar 25 j 14:45	0°♒		
morning max el	-2213 Apr 03 j 00:47	7°♒47'26	45°55'22	
desc. node	-2213 Apr 04 j 06:39	8°♒59'15		
	-2213 Apr 24 j 20:59	0°♓		
	-2213 May 22 j 01:43	0°♈		
	-2213 Jun 17 j 00:17	0°♉		
	-2213 Jul 12 j 04:10	0°♊		
asc. node	-2213 Jul 26 j 07:18	17°♊10'03		
	-2213 Aug 05 j 18:10	0°♋		
	-2213 Aug 29 j 21:54	0°♌		
greatest brilliancy	-2213 Sep 21 j 10:22	28°♌16'27	-3.9m	
	-2213 Sep 22 j 19:15	0°♍		
morning set	-2213 Sep 27 j 16:27	6°♍09'18		
	-2213 Oct 16 j 14:02	0°♎		
superior conj	-2213 Nov 07 j 11:06	27°♎35'03	0°17'38	
minimum elong	-2213 Nov 07 j 15:48	27°♎49'52	0°17'23	
	-2213 Nov 09 j 09:08	0°♏		
max. Earth dist.	-2213 Nov 10 j 04:33	1°♏01'06	1.70999 AU	
desc. node	-2213 Nov 14 j 23:44	7°♏03'25		
	-2213 Dec 03 j 06:09	0°♐		
evening rise	-2213 Dec 19 j 17:04	20°♐35'52		
	-2213 Dec 27 j 05:50	0°♑		
	-2212 Jan 20 j 09:05	0°♒		
	-2212 Feb 13 j 17:39	0°♓		
asc. node	-2212 Mar 06 j 23:46	27°♓04'03		
	-2212 Mar 09 j 10:07	0°♈		
	-2212 Apr 03 j 14:05	0°♉		
	-2212 Apr 29 j 11:24	0°♊		
	-2212 May 26 j 15:43	0°♋		
evening max el	-2212 Jun 15 j 20:31	20°♋31'05	45°45'32	
	-2212 Jun 26 j 04:38	0°♌		
desc. node	-2212 Jun 26 j 15:49	0°♌24'19		
greatest brilliancy	-2212 Jul 25 j 18:27	19°♌09'53	-4.8m	
retrograde	-2212 Aug 04 j 00:47	20°♌43'54		
evening set	-2212 Aug 22 j 00:32	14°♌44'21		
inferior conj	-2212 Aug 24 j 22:51	12°♌59'00	-8°53'23	
minimum elong	-2212 Aug 24 j 23:55	12°♌57'23	8°53'20	
min. Earth dist.	-2212 Aug 25 j 12:55	12°♌37'41	0.27420 AU	
morning rise	-2212 Aug 27 j 23:06	11°♌10'22		
direct	-2212 Sep 14 j 20:22	5°♌06'57		
greatest brilliancy	-2212 Sep 25 j 20:55	7°♌23'29	-4.9m	
asc. node	-2212 Oct 17 j 16:29	21°♌36'49		
	-2212 Oct 26 j 22:58	0°♍		
morning max el	-2212 Nov 04 j 16:28	8°♍38'44	46°53'54	
	-2212 Nov 24 j 11:28	0°♎		
	-2212 Dec 20 j 10:52	0°♏		
	-2211 Jan 14 j 15:19	0°♐		
desc. node	-2211 Feb 06 j 09:12	27°♐23'26		
	-2211 Feb 08 j 13:04	0°♑		
	-2211 Mar 05 j 08:01	0°♒		
	-2211 Mar 30 j 01:11	0°♓		
	-2211 Apr 23 j 16:27	0°♈		
morning set	-2211 May 08 j 07:29	17°♈52'05		
	-2211 May 18 j 05:11	0°♉		
asc. node	-2211 May 30 j 09:43	14°♉57'59		
max. Earth dist.	-2211 Jun 09 j 23:31	27°♉59'13	1.73283 AU	
	-2211 Jun 11 j 14:41	0°♊		
superior conj	-2211 Jun 13 j 08:10	2°♊07'55	0°32'05	
minimum elong	-2211 Jun 13 j 02:12	1°♊49'33	0°31'52	
	-2211 Jul 05 j 20:45	0°♋		
evening rise	-2211 Jul 19 j 04:05	16°♋31'23		
	-2211 Jul 30 j 00:10	0°♌		
	-2211 Aug 23 j 02:36	0°♍		
	-2211 Sep 16 j 05:54	0°♎		
desc. node	-2211 Sep 19 j 01:48	3°♎30'34		
	-2211 Oct 10 j 11:43	0°♏		
	-2211 Nov 03 j 22:08	0°♐		
	-2211 Nov 28 j 17:44	0°♑		
	-2211 Dec 24 j 09:47	0°♒		
asc. node	-2210 Jan 10 j 01:43	18°♒25'20		
	-2210 Jan 21 j 05:31	0°♓		
evening max el	-2210 Jan 22 j 04:40	0°♓57'44	46°06'28	
	-2210 Mar 01 j 07:48	0°♈		
greatest brilliancy	-2210 Mar 01 j 20:22	0°♈12'08	-4.8m	
retrograde	-2210 Mar 12 j 16:37	2°♈21'20		
	-2210 Mar 23 j 11:49	30°℞♓		
evening set	-2210 Mar 29 j 07:24	26°♓59'48		
inferior conj	-2210 Apr 03 j 02:23	24°♓02'03	5°56'20	
minimum elong	-2210 Apr 03 j 11:33	23°♓47'31	5°54'29	
min. Earth dist.	-2210 Apr 03 j 10:14	23°♓49'37	0.29187 AU	
morning rise	-2210 Apr 08 j 15:49	20°♓37'40		
direct	-2210 Apr 24 j 18:30	15°♓38'36		
desc. node	-2210 May 01 j 18:16	16°♓33'05		
greatest brilliancy	-2210 May 04 j 23:34	17°♓31'41	-4.7m	
	-2210 May 25 j 23:44	0°♈		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2210 Jun 12 j 16:41	15°♈31'53	45°50'13
	-2210 Jun 27 j 03:30	0°♉	
	-2210 Jul 24 j 13:06	0°♊	
	-2210 Aug 19 j 05:01	0°♋	
asc. node	-2210 Aug 22 j 19:15	4°♋18'18	
	-2210 Sep 12 j 22:01	0°♌	
	-2210 Oct 07 j 01:58	0°♍	
	-2210 Oct 30 j 23:53	0°♎	
	-2210 Nov 23 j 20:36	0°♏	
desc. node	-2210 Dec 12 j 11:36	23°♏22'04	
morning set	-2210 Dec 13 j 11:39	24°♏37'22	
	-2210 Dec 17 j 18:44	0°♐	
	-2209 Jan 10 j 19:16	0°♑	
superior conj	-2209 Jan 23 j 23:41	16°♑24'16	-1°18'10
minimum elong	-2209 Jan 23 j 15:54	16°♑00'04	1°18'06
max. Earth dist.	-2209 Jan 27 j 22:46	21°♑19'34	1.72340 AU
	-2209 Feb 03 j 22:31	0°♒	
	-2209 Feb 28 j 04:50	0°♓	
evening rise	-2209 Mar 04 j 02:54	4°♓49'50	
greatest brilliancy	-2209 Mar 04 j 07:01	5°♓02'30	-3.9m
	-2209 Mar 24 j 14:42	0°♈	
asc. node	-2209 Apr 04 j 11:52	13°♈18'32	
	-2209 Apr 18 j 04:43	0°♉	
	-2209 May 12 j 23:36	0°♊	
	-2209 Jun 07 j 00:53	0°♋	
	-2209 Jul 02 j 12:12	0°♌	
desc. node	-2209 Jul 25 j 03:39	25°♌58'13	
	-2209 Jul 28 j 17:47	0°♍	
	-2209 Aug 25 j 16:20	0°♎	
evening max el	-2209 Aug 29 j 15:51	3°♎59'39	47°07'47
	-2209 Sep 29 j 17:38	0°♏	
greatest brilliancy	-2209 Oct 09 j 11:20	4°♏43'09	-4.9m
retrograde	-2209 Oct 19 j 01:38	6°♏27'21	
evening set	-2209 Nov 02 j 16:00	2°♏12'34	
	-2209 Nov 06 j 11:43	30°℞♎	
inferior conj	-2209 Nov 08 j 13:36	28°♎43'58	-1°42'13
minimum elong	-2209 Nov 08 j 17:25	28°♎38'08	1°41'01
min. Earth dist.	-2209 Nov 08 j 08:28	28°♎51'50	0.26340 AU
morning rise	-2209 Nov 14 j 19:09	25°♎06'17	
asc. node	-2209 Nov 15 j 04:11	24°♎54'30	
direct	-2209 Nov 28 j 20:17	21°♎09'45	
greatest brilliancy	-2209 Dec 08 j 17:37	23°♎02'05	-4.9m
	-2209 Dec 21 j 16:23	0°♏	
morning max el	-2208 Jan 17 j 23:43	23°♏42'14	46°34'32
	-2208 Jan 24 j 04:46	0°♐	
	-2208 Feb 20 j 21:42	0°♑	
desc. node	-2208 Mar 05 j 21:12	15°♑50'42	
	-2208 Mar 18 j 03:51	0°♒	
	-2208 Apr 12 j 18:26	0°♓	
	-2208 May 07 j 23:21	0°♈	
	-2208 Jun 01 j 20:24	0°♉	
	-2208 Jun 26 j 09:57	0°♊	
asc. node	-2208 Jun 26 j 21:34	0°♊35'42	
morning set	-2208 Jul 14 j 16:56	22°♊34'38	
	-2208 Jul 20 j 16:28	0°♋	
	-2208 Aug 13 j 17:23	0°♌	
max. Earth dist.	-2208 Aug 17 j 07:49	4°♌30'47	1.71673 AU
superior conj	-2208 Aug 20 j 21:08	8°♌58'11	1°24'16
minimum elong	-2208 Aug 20 j 20:44	8°♌56'58	1°24'18
	-2208 Sep 06 j 15:02	0°♍	
evening rise	-2208 Sep 29 j 02:32	28°♍15'30	
	-2208 Sep 30 j 11:48	0°♎	
desc. node	-2208 Oct 16 j 13:52	20°♎11'53	
	-2208 Oct 24 j 09:33	0°♏	
	-2208 Nov 17 j 09:30	0°♐	
	-2208 Dec 11 j 13:08	0°♑	
	-2207 Jan 04 j 23:23	0°♒	
	-2207 Jan 29 j 21:45	0°♓	
asc. node	-2207 Feb 06 j 13:47	9°♓02'29	
	-2207 Feb 24 j 18:34	0°♈	
	-2207 Mar 24 j 13:39	0°♉	
evening max el	-2207 Apr 02 j 23:01	9°♉16'21	45°12'45
	-2207 Apr 28 j 00:06	0°♊	
greatest brilliancy	-2207 May 10 j 14:56	6°♊34'19	-4.7m
retrograde	-2207 May 21 j 05:30	8°♊34'54	
desc. node	-2207 May 29 j 06:07	7°♊19'41	
evening set	-2207 Jun 05 j 06:04	4°♊18'42	
inferior conj	-2207 Jun 11 j 15:36	0°♊32'30	-3°04'14
minimum elong	-2207 Jun 11 j 09:08	0°♊42'30	3°02'25
min. Earth dist.	-2207 Jun 12 j 00:10	0°♊19'15	0.28672 AU
	-2207 Jun 12 j 12:36	30°℞♉	
morning rise	-2207 Jun 17 j 11:34	27°♉02'48	
direct	-2207 Jul 03 j 06:51	22°♉18'11	
greatest brilliancy	-2207 Jul 14 j 06:07	24°♉27'14	-4.8m
	-2207 Jul 25 j 00:38	0°♊	
morning max el	-2207 Aug 21 j 22:48	23°♊26'56	46°23'13
	-2207 Aug 28 j 10:22	0°♋	
asc. node	-2207 Sep 19 j 07:01	23°♋47'31	
	-2207 Sep 24 j 17:12	0°♌	
	-2207 Oct 20 j 01:20	0°♍	
	-2207 Nov 13 j 14:11	0°♎	
	-2207 Dec 07 j 19:57	0°♏	
	-2206 Jan 01 j 00:35	0°♐	
desc. node	-2206 Jan 08 j 23:30	9°♐51'05	
	-2206 Jan 25 j 06:26	0°♑	
	-2206 Feb 18 j 13:56	0°♒	
morning set	-2206 Feb 26 j 14:27	9°♒52'57	
	-2206 Mar 14 j 22:51	0°♓	
superior conj	-2206 Apr 05 j 01:21	25°♓56'03	-0°57'36
minimum elong	-2206 Apr 05 j 10:17	26°♓23'28	0°57'18
max. Earth dist.	-2206 Apr 05 j 11:56	26°♓28'32	1.73604 AU
	-2206 Apr 08 j 08:50	0°♈	
asc. node	-2206 May 01 j 23:49	28°♈59'49	
	-2206 May 02 j 19:26	0°♉	
evening rise	-2206 May 11 j 10:31	10°♉35'09	
	-2206 May 27 j 06:14	0°♊	
	-2206 Jun 20 j 17:16	0°♋	
	-2206 Jul 15 j 05:24	0°♌	
	-2206 Aug 08 j 20:29	0°♍	
desc. node	-2206 Aug 21 j 15:49	15°♍29'43	
	-2206 Sep 02 j 17:21	0°♎	
	-2206 Sep 28 j 00:56	0°♏	
	-2206 Oct 24 j 07:50	0°♐	
evening max el	-2206 Nov 09 j 17:08	17°♐30'10	47°23'06
	-2206 Nov 22 j 12:37	0°♑	
asc. node	-2206 Dec 12 j 16:00	15°♑38'47	
greatest brilliancy	-2206 Dec 20 j 04:42	19°♑23'36	-4.9m
retrograde	-2206 Dec 30 j 19:58	21°♑34'19	
evening set	-2205 Jan 16 j 13:40	16°♑00'59	
min. Earth dist.	-2205 Jan 19 j 21:51	13°♑56'44	0.27959 AU
inferior conj	-2205 Jan 20 j 21:02	13°♑19'58	7°44'31
minimum elong	-2205 Jan 20 j 13:38	13°♑31'42	7°43'32
morning rise	-2205 Jan 24 j 13:58	11°♑01'16	
direct	-2205 Feb 10 j 16:44	5°♑18'45	
greatest brilliancy	-2205 Feb 19 j 13:25	6°♑46'12	-4.8m
	-2205 Mar 25 j 17:34	0°♒	
morning max el	-2205 Mar 31 j 16:01	5°♒33'22	45°56'22
desc. node	-2205 Apr 03 j 08:44	8°♒09'50	
	-2205 Apr 24 j 14:05	0°♓	
	-2205 May 21 j 15:46	0°♈	
	-2205 Jun 16 j 12:56	0°♉	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2205 Jul 11 j 16:06	0°♊	
asc. node	-2205 Jul 25 j 09:30	16°♊41'05	
	-2205 Aug 05 j 05:43	0°♋	
	-2205 Aug 29 j 09:16	0°♌	
greatest brilliancy	-2205 Sep 20 j 21:15	28°♌15'14	-3.9m
	-2205 Sep 22 j 06:32	0°♍	
morning set	-2205 Sep 25 j 05:06	3°♍42'19	
	-2205 Oct 16 j 01:18	0°♎	
superior conj	-2205 Nov 04 j 20:36	24°♎58'17	0°21'31
minimum elong	-2205 Nov 05 j 02:16	25°♎16'09	0°21'13
max. Earth dist.	-2205 Nov 07 j 11:39	28°♎16'50	1.70981 AU
	-2205 Nov 08 j 20:25	0°♏	
desc. node	-2205 Nov 14 j 01:46	6°♏34'23	
	-2205 Dec 02 j 17:26	0°♐	
evening rise	-2205 Dec 17 j 03:23	18°♐02'54	
	-2205 Dec 26 j 17:08	0°♑	
	-2204 Jan 19 j 20:28	0°♒	
	-2204 Feb 13 j 05:13	0°♓	
asc. node	-2204 Mar 06 j 01:53	26°♓34'23	
	-2204 Mar 08 j 22:07	0°♈	
	-2204 Apr 03 j 02:54	0°♉	
	-2204 Apr 29 j 01:47	0°♊	
	-2204 May 26 j 09:43	0°♋	
evening max el	-2204 Jun 13 j 11:10	18°♋14'36	45°43'12
desc. node	-2204 Jun 25 j 17:57	29°♋23'03	
	-2204 Jun 26 j 11:25	0°♌	
greatest brilliancy	-2204 Jul 23 j 05:15	16°♌46'01	-4.8m
retrograde	-2204 Aug 01 j 14:04	18°♌21'36	
evening set	-2204 Aug 19 j 12:50	12°♌22'49	
inferior conj	-2204 Aug 22 j 12:04	10°♌35'59	-8°53'26
minimum elong	-2204 Aug 22 j 12:13	10°♌35'45	8°53'24
min. Earth dist.	-2204 Aug 23 j 01:17	10°♌15'55	0.27475 AU
morning rise	-2204 Aug 25 j 11:26	8°♌48'39	
direct	-2204 Sep 12 j 11:05	2°♌43'14	
greatest brilliancy	-2204 Sep 23 j 10:24	4°♌58'56	-4.9m
asc. node	-2204 Oct 16 j 18:32	20°♌29'16	
	-2204 Oct 27 j 01:08	0°♍	
morning max el	-2204 Nov 02 j 07:15	6°♍15'37	46°53'39
	-2204 Nov 24 j 04:59	0°♎	
	-2204 Dec 20 j 01:30	0°♏	
	-2203 Jan 14 j 04:30	0°♐	
desc. node	-2203 Feb 05 j 11:27	26°♐52'51	
	-2203 Feb 08 j 01:22	0°♑	
	-2203 Mar 04 j 19:45	0°♒	
	-2203 Mar 29 j 12:32	0°♓	
	-2203 Apr 23 j 03:33	0°♈	
morning set	-2203 May 06 j 02:16	15°♈49'02	
	-2203 May 17 j 16:10	0°♉	
asc. node	-2203 May 29 j 11:47	14°♉30'47	
max. Earth dist.	-2203 Jun 07 j 20:18	26°♉01'39	1.73320 AU
superior conj	-2203 Jun 11 j 02:46	0°♊03'31	0°29'12
minimum elong	-2203 Jun 10 j 21:17	29°♉46'37	0°29'00
	-2203 Jun 11 j 01:37	0°♊	
	-2203 Jul 05 j 07:44	0°♋	
evening rise	-2203 Jul 16 j 21:44	14°♋22'38	
	-2203 Jul 29 j 11:20	0°♌	
	-2203 Aug 22 j 14:02	0°♍	
	-2203 Sep 15 j 17:41	0°♎	
desc. node	-2203 Sep 18 j 03:50	3°♎00'13	
	-2203 Oct 09 j 23:56	0°♏	
	-2203 Nov 03 j 10:55	0°♐	
	-2203 Nov 28 j 07:28	0°♑	
	-2203 Dec 24 j 01:32	0°♒	
asc. node	-2202 Jan 09 j 03:58	17°♒42'22	
evening max el	-2202 Jan 19 j 20:53	28°♒45'02	46°09'16
	-2202 Jan 21 j 03:08	0°♓	
greatest brilliancy	-2202 Feb 27 j 13:30	28°♓04'07	-4.8m
	-2202 Mar 07 j 01:16	0°♈	
retrograde	-2202 Mar 10 j 09:35	0°♈13'01	
	-2202 Mar 13 j 16:31	30°♓	
evening set	-2202 Mar 27 j 02:51	24°♓47'51	
inferior conj	-2202 Mar 31 j 19:15	21°♓53'27	6°09'32
minimum elong	-2202 Apr 01 j 04:23	21°♓38'57	6°07'47
min. Earth dist.	-2202 Apr 01 j 02:14	21°♓42'22	0.29182 AU
morning rise	-2202 Apr 06 j 06:06	18°♓32'31	
direct	-2202 Apr 22 j 11:34	13°♓30'22	
desc. node	-2202 Apr 30 j 20:19	14°♓47'33	
greatest brilliancy	-2202 May 02 j 14:21	15°♓21'33	-4.7m
	-2202 May 26 j 08:40	0°♈	
morning max el	-2202 Jun 10 j 08:48	13°♈22'16	45°49'31
	-2202 Jun 26 j 21:27	0°♉	
	-2202 Jul 24 j 03:27	0°♊	
	-2202 Aug 18 j 17:50	0°♋	
asc. node	-2202 Aug 21 j 21:24	3°♋46'37	
	-2202 Sep 12 j 10:05	0°♌	
	-2202 Oct 06 j 13:40	0°♍	
	-2202 Oct 30 j 11:23	0°♎	
	-2202 Nov 23 j 07:57	0°♏	
morning set	-2202 Dec 10 j 21:19	22°♏02'06	
desc. node	-2202 Dec 11 j 13:40	22°♏53'20	
	-2202 Dec 17 j 05:57	0°♐	
	-2201 Jan 10 j 06:22	0°♑	
superior conj	-2201 Jan 21 j 11:55	13°♑58'42	-1°16'43
minimum elong	-2201 Jan 21 j 03:26	13°♑32'21	1°16'35
max. Earth dist.	-2201 Jan 25 j 15:06	19°♑06'57	1.72279 AU
	-2201 Feb 03 j 09:32	0°♒	
	-2201 Feb 27 j 15:47	0°♓	
evening rise	-2201 Mar 01 j 18:10	2°♓35'14	
	-2201 Mar 24 j 01:44	0°♈	
asc. node	-2201 Apr 03 j 13:54	12°♈50'50	
	-2201 Apr 17 j 15:58	0°♉	
	-2201 May 12 j 11:18	0°♊	
	-2201 Jun 06 j 13:23	0°♋	
	-2201 Jul 02 j 02:04	0°♌	
desc. node	-2201 Jul 24 j 05:50	25°♌19'39	
	-2201 Jul 28 j 10:11	0°♍	
	-2201 Aug 25 j 15:02	0°♎	
evening max el	-2201 Aug 27 j 04:49	1°♎33'58	47°05'22
	-2201 Oct 01 j 18:10	0°♏	
greatest brilliancy	-2201 Oct 07 j 01:23	2°♏14'44	-4.9m
retrograde	-2201 Oct 16 j 13:10	3°♏56'44	
	-2201 Oct 30 j 15:13	30°♎	
evening set	-2201 Oct 31 j 05:58	29°♎40'15	
inferior conj	-2201 Nov 06 j 01:45	26°♎14'23	-2°06'16
minimum elong	-2201 Nov 06 j 06:26	26°♎07'13	2°04'48
min. Earth dist.	-2201 Nov 05 j 22:27	26°♎19'27	0.26333 AU
morning rise	-2201 Nov 12 j 07:05	22°♎36'43	
asc. node	-2201 Nov 14 j 06:17	21°♎37'38	
direct	-2201 Nov 26 j 08:04	18°♎40'16	
greatest brilliancy	-2201 Dec 06 j 07:51	20°♎34'23	-4.9m
	-2201 Dec 22 j 15:52	0°♏	
morning max el	-2200 Jan 15 j 11:53	21°♏14'43	46°35'51
	-2200 Jan 24 j 01:31	0°♐	
	-2200 Feb 20 j 13:19	0°♑	
desc. node	-2200 Mar 04 j 23:10	15°♑15'21	
	-2200 Mar 17 j 17:17	0°♒	
	-2200 Apr 12 j 06:41	0°♓	
	-2200 May 07 j 10:54	0°♈	
	-2200 Jun 01 j 07:32	0°♉	
asc. node	-2200 Jun 25 j 23:46	0°♊08'52	
	-2200 Jun 25 j 20:53	0°♊	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2200 Jul 12 j 09:58	20°♊24'56	
	-2200 Jul 20 j 03:21	0°♋	
	-2200 Aug 13 j 04:19	0°♌	
max. Earth dist.	-2200 Aug 14 j 20:47	2°♌06'43	1.71732 AU
superior conj	-2200 Aug 18 j 12:21	6°♌41'09	1°24'06
minimum elong	-2200 Aug 18 j 11:10	6°♌37'26	1°24'09
	-2200 Sep 06 j 02:03	0°♍	
evening rise	-2200 Sep 26 j 13:34	25°♍44'31	
	-2200 Sep 29 j 22:56	0°♎	
desc. node	-2200 Oct 15 j 15:52	19°♎42'58	
	-2200 Oct 23 j 20:48	0°♏	
	-2200 Nov 16 j 20:57	0°♐	
	-2200 Dec 11 j 00:51	0°♑	
	-2199 Jan 04 j 11:31	0°♒	
	-2199 Jan 29 j 10:41	0°♓	
asc. node	-2199 Feb 05 j 15:53	8°♓29'37	
	-2199 Feb 24 j 09:15	0°♈	
	-2199 Mar 24 j 09:04	0°♉	
evening max el	-2199 Mar 31 j 13:41	7°♉03'30	45°13'23
	-2199 Apr 29 j 02:58	0°♊	
greatest brilliancy	-2199 May 08 j 05:45	4°♊23'58	-4.7m
retrograde	-2199 May 18 j 21:15	6°♊25'49	
desc. node	-2199 May 28 j 08:12	4°♊41'05	
evening set	-2199 Jun 02 j 21:07	2°♊09'47	
	-2199 Jun 06 j 15:51	30°℞♉	
inferior conj	-2199 Jun 09 j 07:29	28°♉22'36	-2°45'14
minimum elong	-2199 Jun 09 j 01:36	28°♉31'41	2°43'33
min. Earth dist.	-2199 Jun 09 j 16:21	28°♉08'53	0.28705 AU
morning rise	-2199 Jun 15 j 05:28	24°♉50'10	
direct	-2199 Jun 30 j 22:42	20°♉07'27	
greatest brilliancy	-2199 Jul 11 j 22:52	22°♉17'19	-4.8m
	-2199 Jul 25 j 23:23	0°♊	
morning max el	-2199 Aug 19 j 14:09	21°♊11'57	46°21'48
	-2199 Aug 28 j 06:01	0°♋	
asc. node	-2199 Sep 18 j 09:02	23°♋08'31	
	-2199 Sep 24 j 08:19	0°♌	
	-2199 Oct 19 j 14:41	0°♍	
	-2199 Nov 13 j 02:37	0°♎	
	-2199 Dec 07 j 07:49	0°♏	
	-2199 Dec 31 j 12:05	0°♐	
desc. node	-2198 Jan 08 j 01:42	9°♐22'38	
	-2198 Jan 24 j 17:39	0°♑	
	-2198 Feb 18 j 00:55	0°♒	
morning set	-2198 Feb 24 j 05:13	7°♒36'58	
	-2198 Mar 14 j 09:39	0°♓	
superior conj	-2198 Apr 02 j 18:55	23°♓49'43	-0°59'54
minimum elong	-2198 Apr 03 j 03:56	24°♓17'24	0°59'36
max. Earth dist.	-2198 Apr 03 j 07:24	24°♓28'03	1.73583 AU
	-2198 Apr 07 j 19:32	0°♈	
asc. node	-2198 May 01 j 01:57	28°♈33'31	
	-2198 May 02 j 06:08	0°♉	
evening rise	-2198 May 09 j 05:42	8°♉33'51	
	-2198 May 26 j 17:05	0°♊	
	-2198 Jun 20 j 04:23	0°♋	
	-2198 Jul 14 j 16:58	0°♌	
	-2198 Aug 08 j 08:43	0°♍	
desc. node	-2198 Aug 20 j 17:49	14°♍57'28	
	-2198 Sep 02 j 06:33	0°♎	
	-2198 Sep 27 j 15:46	0°♏	
	-2198 Oct 24 j 01:58	0°♐	
evening max el	-2198 Nov 07 j 08:18	15°♐09'40	47°24'37
	-2198 Nov 22 j 18:02	0°♑	
asc. node	-2198 Dec 11 j 18:13	14°♑09'11	
greatest brilliancy	-2198 Dec 17 j 19:53	17°♑03'31	-4.9m
retrograde	-2198 Dec 28 j 11:44	19°♑15'01	
evening set	-2197 Jan 14 j 01:32	13°♑46'29	
min. Earth dist.	-2197 Jan 17 j 11:52	11°♑39'23	0.27887 AU
inferior conj	-2197 Jan 18 j 11:57	11°♑01'18	7°35'44
minimum elong	-2197 Jan 18 j 04:03	11°♑13'48	7°34'36
morning rise	-2197 Jan 22 j 07:00	8°♑39'50	
direct	-2197 Feb 08 j 06:56	3°♑01'08	
greatest brilliancy	-2197 Feb 17 j 03:09	4°♑28'43	-4.8m
	-2197 Mar 25 j 18:33	0°♒	
morning max el	-2197 Mar 29 j 07:40	3°♒21'20	45°57'21
desc. node	-2197 Apr 02 j 10:48	7°♒22'16	
	-2197 Apr 24 j 06:28	0°♓	
	-2197 May 21 j 05:19	0°♈	
	-2197 Jun 16 j 01:09	0°♉	
	-2197 Jul 11 j 03:38	0°♊	
asc. node	-2197 Jul 24 j 11:38	16°♊13'08	
	-2197 Aug 04 j 16:53	0°♋	
	-2197 Aug 28 j 20:15	0°♌	
greatest brilliancy	-2197 Sep 20 j 04:36	28°♌03'51	-3.9m
	-2197 Sep 21 j 17:29	0°♍	
morning set	-2197 Sep 22 j 17:50	1°♍16'40	
	-2197 Oct 15 j 12:17	0°♎	
superior conj	-2197 Nov 02 j 05:49	22°♎21'24	0°25'22
minimum elong	-2197 Nov 02 j 12:24	22°♎42'08	0°25'03
max. Earth dist.	-2197 Nov 04 j 18:55	25°♎33'50	1.70967 AU
	-2197 Nov 08 j 07:27	0°♏	
desc. node	-2197 Nov 13 j 03:56	6°♏06'30	
	-2197 Dec 02 j 04:30	0°♐	
evening rise	-2197 Dec 14 j 13:04	15°♐28'35	
	-2197 Dec 26 j 04:12	0°♑	
	-2196 Jan 19 j 07:34	0°♒	
	-2196 Feb 12 j 16:31	0°♓	
asc. node	-2196 Mar 05 j 03:54	26°♓05'22	
	-2196 Mar 08 j 09:50	0°♈	
	-2196 Apr 02 j 15:26	0°♉	
	-2196 Apr 28 j 15:59	0°♊	
	-2196 May 26 j 03:44	0°♋	
evening max el	-2196 Jun 11 j 02:04	15°♋59'57	45°40'53
desc. node	-2196 Jun 24 j 20:09	28°♋21'41	
	-2196 Jun 26 j 20:05	0°♌	
greatest brilliancy	-2196 Jul 20 j 16:40	14°♌24'27	-4.8m
retrograde	-2196 Jul 30 j 03:10	16°♌00'52	
evening set	-2196 Aug 17 j 00:49	10°♌03'57	
inferior conj	-2196 Aug 20 j 01:26	8°♌14'47	-8°52'33
minimum elong	-2196 Aug 20 j 00:40	8°♌15'58	8°52'31
min. Earth dist.	-2196 Aug 20 j 13:54	7°♌55'50	0.27527 AU
morning rise	-2196 Aug 23 j 00:22	6°♌27'57	
direct	-2196 Sep 10 j 01:44	0°♌21'30	
greatest brilliancy	-2196 Sep 20 j 23:51	2°♌35'53	-4.9m
asc. node	-2196 Oct 15 j 20:42	19°♌24'54	
	-2196 Oct 27 j 01:34	0°♍	
morning max el	-2196 Oct 30 j 21:02	3°♍50'58	46°53'08
	-2196 Nov 23 j 21:51	0°♎	
	-2196 Dec 19 j 15:46	0°♏	
	-2195 Jan 13 j 17:25	0°♐	
desc. node	-2195 Feb 04 j 13:27	26°♐22'12	
	-2195 Feb 07 j 13:26	0°♑	
	-2195 Mar 04 j 07:13	0°♒	
	-2195 Mar 28 j 23:36	0°♓	
	-2195 Apr 22 j 14:22	0°♈	
morning set	-2195 May 03 j 20:58	13°♈46'40	
	-2195 May 17 j 02:51	0°♉	
asc. node	-2195 May 28 j 13:58	14°♉04'45	
max. Earth dist.	-2195 Jun 05 j 15:55	24°♉01'27	1.73357 AU
superior conj	-2195 Jun 08 j 21:29	28°♉00'24	0°26'17
minimum elong	-2195 Jun 08 j 16:30	27°♉45'02	0°26'05

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2195 Jun 10 j 12:17	0°♊		
	-2195 Jul 04 j 18:29	0°♋		
evening rise	-2195 Jul 14 j 15:39	12°♋15'36		
	-2195 Jul 28 j 22:15	0°♌		
	-2195 Aug 22 j 01:13	0°♍		
	-2195 Sep 15 j 05:12	0°♎		
desc. node	-2195 Sep 17 j 05:54	2°♎30'50		
	-2195 Oct 09 j 11:53	0°♏		
	-2195 Nov 02 j 23:29	0°♐		
	-2195 Nov 27 j 21:06	0°♑		
	-2195 Dec 23 j 17:21	0°♒		
asc. node	-2194 Jan 08 j 06:02	16°♒58'42		
evening max el	-2194 Jan 17 j 12:15	26°♒30'17	46°12'03	
	-2194 Jan 21 j 01:30	0°♓		
greatest brilliancy	-2194 Feb 25 j 07:16	25°♓56'49	-4.8m	
retrograde	-2194 Mar 08 j 02:12	28°♓04'50		
evening set	-2194 Mar 24 j 22:16	22°♓36'05		
inferior conj	-2194 Mar 29 j 12:07	19°♓45'09	6°22'19	
minimum elong	-2194 Mar 29 j 21:10	19°♓30'46	6°20'39	
min. Earth dist.	-2194 Mar 29 j 18:28	19°♓35'02	0.29172 AU	
morning rise	-2194 Apr 03 j 20:13	16°♓27'45		
direct	-2194 Apr 20 j 04:04	11°♓22'27		
desc. node	-2194 Apr 29 j 22:28	13°♓06'08		
greatest brilliancy	-2194 Apr 30 j 05:28	13°♓12'09	-4.7m	
	-2194 May 26 j 14:53	0°♈		
morning max el	-2194 Jun 07 j 23:56	11°♈10'51	45°48'55	
	-2194 Jun 26 j 14:46	0°♉		
	-2194 Jul 23 j 17:25	0°♊		
	-2194 Aug 18 j 06:24	0°♋		
asc. node	-2194 Aug 20 j 23:21	3°♋15'01		
	-2194 Sep 11 j 21:57	0°♌		
	-2194 Oct 06 j 01:10	0°♍		
	-2194 Oct 29 j 22:40	0°♎		
	-2194 Nov 22 j 19:06	0°♏		
morning set	-2194 Dec 08 j 07:14	19°♏28'04		
desc. node	-2194 Dec 10 j 15:51	22°♏25'31		
	-2194 Dec 16 j 16:59	0°♐		
	-2193 Jan 09 j 17:20	0°♑		
superior conj	-2193 Jan 19 j 00:03	11°♑33'13	-1°15'05	
minimum elong	-2193 Jan 18 j 14:56	11°♑04'53	1°14'56	
max. Earth dist.	-2193 Jan 23 j 05:58	16°♑50'03	1.72222 AU	
	-2193 Feb 02 j 20:26	0°♒		
evening rise	-2193 Feb 27 j 09:04	0°♓19'40		
	-2193 Feb 27 j 02:41	0°♓		
	-2193 Mar 23 j 12:42	0°♈		
asc. node	-2193 Apr 02 j 16:01	12°♈23'37		
	-2193 Apr 17 j 03:09	0°♉		
	-2193 May 11 j 22:57	0°♊		
	-2193 Jun 06 j 01:52	0°♋		
	-2193 Jul 01 j 15:58	0°♌		
desc. node	-2193 Jul 23 j 07:50	24°♌40'24		
	-2193 Jul 28 j 02:49	0°♍		
evening max el	-2193 Aug 24 j 16:55	29°♍06'28	47°02'51	
	-2193 Aug 25 j 14:39	0°♎		
greatest brilliancy	-2193 Oct 04 j 15:30	29°♎46'43	-4.9m	
	-2193 Oct 05 j 07:32	0°♏		
retrograde	-2193 Oct 14 j 00:46	1°♏26'51		
	-2193 Oct 22 j 11:07	30°℞♎		
evening set	-2193 Oct 28 j 20:07	27°♎08'00		
inferior conj	-2193 Nov 03 j 13:57	23°♎45'20	-2°30'03	
minimum elong	-2193 Nov 03 j 19:28	23°♎36'54	2°28'21	
min. Earth dist.	-2193 Nov 03 j 12:32	23°♎47'30	0.26329 AU	
morning rise	-2193 Nov 09 j 18:51	20°♎08'10		
asc. node	-2193 Nov 13 j 08:26	18°♎25'56		
direct	-2193 Nov 23 j 19:41	16°♎11'01		
greatest brilliancy	-2193 Dec 03 j 22:18	18°♎07'27	-4.9m	
	-2193 Dec 23 j 09:03	0°♏		
morning max el	-2192 Jan 13 j 00:26	18°♏48'23	46°37'15	
	-2192 Jan 23 j 21:29	0°♐		
	-2192 Feb 20 j 04:39	0°♑		
desc. node	-2192 Mar 04 j 01:15	14°♑40'47		
	-2192 Mar 17 j 06:36	0°♒		
	-2192 Apr 11 j 18:55	0°♓		
	-2192 May 06 j 22:28	0°♈		
	-2192 May 31 j 18:41	0°♉		
asc. node	-2192 Jun 25 j 01:50	29°♉41'38		
	-2192 Jun 25 j 07:49	0°♊		
morning set	-2192 Jul 10 j 03:03	18°♊15'32		
	-2192 Jul 19 j 14:13	0°♋		
max. Earth dist.	-2192 Aug 12 j 12:18	29°♋50'47	1.71792 AU	
	-2192 Aug 12 j 15:15	0°♌		
superior conj	-2192 Aug 16 j 03:42	4°♌24'31	1°23'49	
minimum elong	-2192 Aug 16 j 01:45	4°♌18'25	1°23'51	
	-2192 Sep 05 j 13:06	0°♍		
evening rise	-2192 Sep 24 j 00:57	23°♍14'25		
	-2192 Sep 29 j 10:07	0°♎		
desc. node	-2192 Oct 14 j 18:03	19°♎14'20		
	-2192 Oct 23 j 08:10	0°♏		
	-2192 Nov 16 j 08:29	0°♐		
	-2192 Dec 10 j 12:37	0°♑		
	-2191 Jan 03 j 23:42	0°♒		
	-2191 Jan 28 j 23:42	0°♓		
asc. node	-2191 Feb 04 j 17:53	7°♓56'18		
	-2191 Feb 24 j 00:08	0°♈		
	-2191 Mar 24 j 05:10	0°♉		
evening max el	-2191 Mar 29 j 05:09	4°♉52'19	45°14'04	
	-2191 Apr 30 j 17:47	0°♊		
greatest brilliancy	-2191 May 05 j 20:27	2°♊13'17	-4.7m	
retrograde	-2191 May 16 j 13:36	4°♊16'33		
desc. node	-2191 May 27 j 10:22	1°♊58'01		
evening set	-2191 May 31 j 12:28	0°♊00'33		
	-2191 May 31 j 12:53	30°℞♉		
inferior conj	-2191 Jun 06 j 23:27	26°♉12'27	-2°26'03	
minimum elong	-2191 Jun 06 j 18:12	26°♉20'33	2°24'31	
min. Earth dist.	-2191 Jun 07 j 08:21	25°♉58'41	0.28736 AU	
morning rise	-2191 Jun 12 j 23:21	22°♉37'35		
direct	-2191 Jun 28 j 15:04	17°♉56'39		
greatest brilliancy	-2191 Jul 09 j 15:07	20°♉06'45	-4.8m	
	-2191 Jul 26 j 16:21	0°♊		
morning max el	-2191 Aug 17 j 06:18	18°♊58'57	46°20'20	
	-2191 Aug 28 j 01:13	0°♋		
asc. node	-2191 Sep 17 j 11:15	22°♋30'15		
	-2191 Sep 23 j 23:20	0°♌		
	-2191 Oct 19 j 04:02	0°♍		
	-2191 Nov 12 j 15:08	0°♎		
	-2191 Dec 06 j 19:50	0°♏		
	-2191 Dec 30 j 23:44	0°♐		
desc. node	-2190 Jan 07 j 03:41	8°♐53'00		
	-2190 Jan 24 j 05:00	0°♑		
	-2190 Feb 17 j 12:01	0°♒		
morning set	-2190 Feb 21 j 20:04	5°♒20'44		
	-2190 Mar 13 j 20:35	0°♓		
superior conj	-2190 Mar 31 j 12:32	21°♓43'02	-1°02'06	
minimum elong	-2190 Mar 31 j 21:35	22°♓10'49	1°01'48	
max. Earth dist.	-2190 Apr 01 j 04:48	22°♓33'00	1.73563 AU	
	-2190 Apr 07 j 06:23	0°♈		
asc. node	-2190 Apr 30 j 04:06	28°♈06'43		
	-2190 May 01 j 17:02	0°♉		
evening rise	-2190 May 07 j 00:55	6°♉32'08		
	-2190 May 26 j 04:09	0°♊		
	-2190 Jun 19 j 15:45	0°♋		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2190 Jul 14 j 04:47	0°♌	
	-2190 Aug 07 j 21:12	0°♍	
desc. node	-2190 Aug 19 j 19:52	14°♍24'41	
	-2190 Sep 01 j 20:05	0°♎	
	-2190 Sep 27 j 07:02	0°♏	
	-2190 Oct 23 j 20:51	0°♐	
evening max el	-2190 Nov 05 j 00:17	12°♐50'23	47°25'52
	-2190 Nov 23 j 02:08	0°♑	
asc. node	-2190 Dec 10 j 20:20	12°♑35'10	
greatest brilliancy	-2190 Dec 15 j 10:50	14°♑41'55	-4.9m
retrograde	-2190 Dec 26 j 03:37	16°♑54'08	
evening set	-2189 Jan 11 j 13:13	11°♑30'41	
min. Earth dist.	-2189 Jan 15 j 01:37	9°♑20'42	0.27810 AU
inferior conj	-2189 Jan 16 j 02:42	8°♑41'06	7°26'03
minimum elong	-2189 Jan 15 j 18:22	8°♑54'15	7°24'45
morning rise	-2189 Jan 20 j 00:01	6°♑16'39	
direct	-2189 Feb 05 j 21:24	0°♑42'18	
greatest brilliancy	-2189 Feb 14 j 16:14	2°♑09'21	-4.8m
	-2189 Mar 25 j 18:37	0°♒	
morning max el	-2189 Mar 26 j 23:13	1°♒08'19	45°58'26
desc. node	-2189 Apr 01 j 12:58	6°♒35'08	
	-2189 Apr 23 j 22:46	0°♓	
	-2189 May 20 j 18:59	0°♈	
	-2189 Jun 15 j 13:35	0°♉	
	-2189 Jul 10 j 15:25	0°♊	
asc. node	-2189 Jul 23 j 13:38	15°♊43'52	
	-2189 Aug 04 j 04:20	0°♋	
	-2189 Aug 28 j 07:32	0°♌	
greatest brilliancy	-2189 Sep 19 j 08:36	27°♌41'06	-3.9m
morning set	-2189 Sep 20 j 06:42	28°♌50'39	
	-2189 Sep 21 j 04:43	0°♍	
	-2189 Oct 14 j 23:32	0°♎	
superior conj	-2189 Oct 30 j 15:13	19°♎44'13	0°29'10
minimum elong	-2189 Oct 30 j 22:38	20°♎07'36	0°28'48
max. Earth dist.	-2189 Nov 02 j 02:17	22°♎50'18	1.70956 AU
	-2189 Nov 07 j 18:45	0°♏	
desc. node	-2189 Nov 12 j 06:00	5°♏37'28	
	-2189 Dec 01 j 15:50	0°♐	
evening rise	-2189 Dec 11 j 22:39	12°♐52'56	
	-2189 Dec 25 j 15:35	0°♑	
	-2188 Jan 18 j 19:02	0°♒	
	-2188 Feb 12 j 04:10	0°♓	
asc. node	-2188 Mar 04 j 06:06	25°♓35'50	
	-2188 Mar 07 j 21:53	0°♈	
	-2188 Apr 02 j 04:21	0°♉	
	-2188 Apr 28 j 06:38	0°♊	
	-2188 May 25 j 22:32	0°♋	
evening max el	-2188 Jun 08 j 16:27	13°♋43'09	45°38'26
desc. node	-2188 Jun 23 j 22:07	27°♋17'18	
	-2188 Jun 27 j 08:20	0°♌	
greatest brilliancy	-2188 Jul 18 j 04:44	12°♌02'42	-4.8m
retrograde	-2188 Jul 27 j 15:46	13°♌39'15	
evening set	-2188 Aug 14 j 12:25	7°♌45'00	
inferior conj	-2188 Aug 17 j 14:53	5°♌52'52	-8°50'46
minimum elong	-2188 Aug 17 j 13:12	5°♌55'27	8°50'41
min. Earth dist.	-2188 Aug 18 j 02:59	5°♌34'27	0.27579 AU
morning rise	-2188 Aug 20 j 13:49	4°♌05'44	
	-2188 Aug 28 j 14:49	30°℞♋	
direct	-2188 Sep 07 j 15:52	27°♋58'52	
	-2188 Sep 18 j 00:51	0°♌	
greatest brilliancy	-2188 Sep 18 j 13:49	0°♌12'23	-4.9m
asc. node	-2188 Oct 14 j 22:50	18°♌20'57	
	-2188 Oct 27 j 01:22	0°♍	
morning max el	-2188 Oct 28 j 09:54	1°♍22'52	46°52'39
	-2188 Nov 23 j 14:47	0°♎	
	-2188 Dec 19 j 06:13	0°♏	
	-2187 Jan 13 j 06:35	0°♐	
desc. node	-2187 Feb 03 j 15:31	25°♐50'47	
	-2187 Feb 07 j 01:47	0°♑	
	-2187 Mar 03 j 19:02	0°♒	
	-2187 Mar 28 j 11:01	0°♓	
	-2187 Apr 22 j 01:31	0°♈	
morning set	-2187 May 01 j 15:46	11°♈43'37	
	-2187 May 16 j 13:50	0°♉	
asc. node	-2187 May 27 j 16:01	13°♉37'21	
max. Earth dist.	-2187 Jun 03 j 11:46	22°♉01'04	1.73392 AU
superior conj	-2187 Jun 06 j 16:26	25°♉57'09	0°23'21
minimum elong	-2187 Jun 06 j 11:58	25°♉43'22	0°23'11
	-2187 Jun 09 j 23:14	0°♊	
	-2187 Jul 04 j 05:32	0°♋	
evening rise	-2187 Jul 12 j 09:51	10°♋08'35	
	-2187 Jul 28 j 09:31	0°♌	
	-2187 Aug 21 j 12:47	0°♍	
	-2187 Sep 14 j 17:08	0°♎	
desc. node	-2187 Sep 16 j 08:04	2°♎00'30	
	-2187 Oct 09 j 00:16	0°♏	
	-2187 Nov 02 j 12:30	0°♐	
	-2187 Nov 27 j 11:13	0°♑	
	-2187 Dec 23 j 09:49	0°♒	
asc. node	-2186 Jan 07 j 08:03	16°♒13'19	
evening max el	-2186 Jan 15 j 02:36	24°♒11'44	46°14'53
	-2186 Jan 21 j 01:17	0°♓	
greatest brilliancy	-2186 Feb 23 j 01:02	23°♓48'07	-4.8m
retrograde	-2186 Mar 05 j 18:35	25°♓55'26	
evening set	-2186 Mar 22 j 17:37	20°♓22'51	
inferior conj	-2186 Mar 27 j 04:55	17°♓35'37	6°34'38
minimum elong	-2186 Mar 27 j 13:50	17°♓21'25	6°33'04
min. Earth dist.	-2186 Mar 27 j 10:52	17°♓26'08	0.29161 AU
morning rise	-2186 Apr 01 j 10:11	14°♓21'57	
direct	-2186 Apr 17 j 20:01	9°♓13'07	
greatest brilliancy	-2186 Apr 27 j 21:01	11°♓02'03	-4.7m
desc. node	-2186 Apr 29 j 00:34	11°♓27'05	
	-2186 May 26 j 19:33	0°♈	
morning max el	-2186 Jun 05 j 14:55	8°♈58'07	45°48'35
	-2186 Jun 26 j 08:01	0°♉	
	-2186 Jul 23 j 07:30	0°♊	
	-2186 Aug 17 j 19:08	0°♋	
asc. node	-2186 Aug 20 j 01:35	2°♋43'40	
	-2186 Sep 11 j 10:03	0°♌	
	-2186 Oct 05 j 12:57	0°♍	
	-2186 Oct 29 j 10:17	0°♎	
	-2186 Nov 22 j 06:35	0°♏	
morning set	-2186 Dec 05 j 16:41	16°♏51'23	
desc. node	-2186 Dec 09 j 17:51	21°♏56'05	
	-2186 Dec 16 j 04:21	0°♐	
	-2185 Jan 09 j 04:35	0°♑	
superior conj	-2185 Jan 16 j 11:40	9°♑05'11	-1°13'17
minimum elong	-2185 Jan 16 j 01:58	8°♑35'00	1°13'06
max. Earth dist.	-2185 Jan 20 j 18:37	14°♑25'20	1.72161 AU
	-2185 Feb 02 j 07:37	0°♒	
evening rise	-2185 Feb 24 j 23:37	28°♒02'04	
	-2185 Feb 26 j 13:52	0°♓	
	-2185 Mar 22 j 23:57	0°♈	
asc. node	-2185 Apr 01 j 18:10	11°♈55'33	
	-2185 Apr 16 j 14:39	0°♉	
	-2185 May 11 j 10:55	0°♊	
	-2185 Jun 05 j 14:39	0°♋	
	-2185 Jul 01 j 06:13	0°♌	
desc. node	-2185 Jul 22 j 09:57	24°♌00'40	
	-2185 Jul 27 j 19:56	0°♍	
evening max el	-2185 Aug 22 j 04:40	26°♍37'52	47°00'15

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2185 Aug 25 j 15:33	0°♎	
greatest brilliancy	-2185 Oct 02 j 04:53	27°♎16'58	-4.9m
retrograde	-2185 Oct 11 j 12:28	28°♎55'57	
evening set	-2185 Oct 26 j 10:14	24°♎34'03	
inferior conj	-2185 Nov 01 j 01:57	21°♎14'52	-2°53'45
minimum elong	-2185 Nov 01 j 08:16	21°♎05'13	2°51'48
min. Earth dist.	-2185 Nov 01 j 02:13	21°♎14'27	0.26337 AU
morning rise	-2185 Nov 07 j 06:14	17°♎38'46	
asc. node	-2185 Nov 12 j 10:30	15°♎18'03	
direct	-2185 Nov 21 j 07:29	13°♎40'08	
greatest brilliancy	-2185 Dec 01 j 12:29	15°♎38'56	-4.9m
	-2185 Dec 23 j 22:28	0°♏	
morning max el	-2184 Jan 10 j 13:48	16°♏22'53	46°38'37
	-2184 Jan 23 j 17:15	0°♐	
	-2184 Feb 19 j 20:03	0°♑	
desc. node	-2184 Mar 03 j 03:29	14°♑06'01	
	-2184 Mar 16 j 20:03	0°♒	
	-2184 Apr 11 j 07:16	0°♓	
	-2184 May 06 j 10:09	0°♈	
	-2184 May 31 j 05:59	0°♉	
asc. node	-2184 Jun 24 j 03:53	29°♉13'51	
	-2184 Jun 24 j 18:53	0°♊	
morning set	-2184 Jul 07 j 20:26	16°♊06'40	
	-2184 Jul 19 j 01:13	0°♋	
max. Earth dist.	-2184 Aug 10 j 04:16	27°♋35'59	1.71845 AU
	-2184 Aug 12 j 02:16	0°♌	
superior conj	-2184 Aug 13 j 19:27	2°♌08'58	1°23'23
minimum elong	-2184 Aug 13 j 16:46	2°♌00'32	1°23'25
	-2184 Sep 05 j 00:12	0°♍	
evening rise	-2184 Sep 21 j 12:49	20°♍45'47	
	-2184 Sep 28 j 21:22	0°♎	
desc. node	-2184 Oct 13 j 20:07	18°♎45'10	
	-2184 Oct 22 j 19:35	0°♏	
	-2184 Nov 15 j 20:08	0°♐	
	-2184 Dec 10 j 00:34	0°♑	
	-2183 Jan 03 j 12:05	0°♒	
	-2183 Jan 28 j 12:59	0°♓	
asc. node	-2183 Feb 03 j 20:06	7°♓22'55	
	-2183 Feb 23 j 15:25	0°♈	
	-2183 Mar 24 j 02:09	0°♉	
evening max el	-2183 Mar 26 j 21:12	2°♉42'11	45°14'55
	-2183 May 03 j 08:42	0°♊	
greatest brilliancy	-2183 May 03 j 11:09	0°♊02'15	-4.7m
retrograde	-2183 May 14 j 05:55	2°♊06'33	
	-2183 May 24 j 14:31	30°℞♉	
desc. node	-2183 May 26 j 12:23	29°♉10'23	
evening set	-2183 May 29 j 03:57	27°♉50'42	
inferior conj	-2183 Jun 04 j 15:16	24°♉01'41	-2°06'33
minimum elong	-2183 Jun 04 j 10:41	24°♉08'45	2°05'13
min. Earth dist.	-2183 Jun 05 j 00:05	23°♉48'03	0.28765 AU
morning rise	-2183 Jun 10 j 16:58	20°♉24'27	
direct	-2183 Jun 26 j 07:38	15°♉45'23	
greatest brilliancy	-2183 Jul 07 j 06:36	17°♉54'53	-4.8m
	-2183 Jul 27 j 05:12	0°♊	
morning max el	-2183 Aug 14 j 22:38	16°♊46'28	46°19'02
	-2183 Aug 27 j 19:56	0°♋	
asc. node	-2183 Sep 16 j 13:20	21°♋52'03	
	-2183 Sep 23 j 14:07	0°♌	
	-2183 Oct 18 j 17:13	0°♍	
	-2183 Nov 12 j 03:30	0°♎	
	-2183 Dec 06 j 07:44	0°♏	
	-2183 Dec 30 j 11:19	0°♐	
desc. node	-2182 Jan 06 j 05:47	8°♐23'57	
	-2182 Jan 23 j 16:20	0°♑	
	-2182 Feb 16 j 23:07	0°♒	
morning set	-2182 Feb 19 j 10:22	3°♒02'41	
	-2182 Mar 13 j 07:30	0°♓	
superior conj	-2182 Mar 29 j 05:36	19°♓34'36	-1°04'15
minimum elong	-2182 Mar 29 j 14:37	20°♓02'17	1°03'58
max. Earth dist.	-2182 Mar 30 j 02:51	20°♓39'54	1.73538 AU
	-2182 Apr 06 j 17:14	0°♈	
asc. node	-2182 Apr 29 j 06:07	27°♈39'31	
	-2182 May 01 j 03:55	0°♉	
evening rise	-2182 May 04 j 19:44	4°♉29'16	
	-2182 May 25 j 15:12	0°♊	
	-2182 Jun 19 j 03:06	0°♋	
	-2182 Jul 13 j 16:35	0°♌	
	-2182 Aug 07 j 09:41	0°♍	
desc. node	-2182 Aug 18 j 22:05	13°♍52'28	
	-2182 Sep 01 j 09:35	0°♎	
	-2182 Sep 26 j 22:17	0°♏	
	-2182 Oct 23 j 15:55	0°♐	
evening max el	-2182 Nov 02 j 16:30	10°♐32'35	47°27'02
	-2182 Nov 23 j 12:33	0°♑	
asc. node	-2182 Dec 09 j 22:19	10°♑58'36	
greatest brilliancy	-2182 Dec 13 j 02:07	12°♑21'37	-4.9m
retrograde	-2182 Dec 23 j 19:26	14°♑33'48	
evening set	-2181 Jan 09 j 01:00	9°♑15'48	
min. Earth dist.	-2181 Jan 12 j 15:35	7°♑02'31	0.27735 AU
inferior conj	-2181 Jan 13 j 17:30	6°♑21'36	7°15'31
minimum elong	-2181 Jan 13 j 08:48	6°♑35'20	7°14'05
morning rise	-2181 Jan 17 j 17:12	3°♑53'49	
	-2181 Jan 25 j 16:11	30°℞♐	
direct	-2181 Feb 03 j 12:03	28°♐24'19	
greatest brilliancy	-2181 Feb 12 j 05:31	29°♐50'32	-4.8m
	-2181 Feb 12 j 17:12	0°♑	
morning max el	-2181 Mar 24 j 14:15	28°♑54'17	45°59'18
	-2181 Mar 25 j 17:30	0°♒	
desc. node	-2181 Mar 31 j 15:02	5°♒48'50	
	-2181 Apr 23 j 14:42	0°♓	
	-2181 May 20 j 08:25	0°♈	
	-2181 Jun 15 j 01:49	0°♉	
	-2181 Jul 10 j 03:00	0°♊	
asc. node	-2181 Jul 22 j 15:50	15°♊15'52	
	-2181 Aug 03 j 15:35	0°♋	
	-2181 Aug 27 j 18:37	0°♌	
morning set	-2181 Sep 17 j 19:39	26°♌25'33	
	-2181 Sep 20 j 15:45	0°♍	
	-2181 Oct 14 j 10:35	0°♎	
superior conj	-2181 Oct 28 j 01:02	17°♎09'13	0°32'52
minimum elong	-2181 Oct 28 j 09:13	17°♎34'59	0°32'28
max. Earth dist.	-2181 Oct 30 j 06:56	19°♎59'01	1.70938 AU
	-2181 Nov 07 j 05:47	0°♏	
desc. node	-2181 Nov 11 j 08:03	5°♏09'12	
	-2181 Dec 01 j 02:52	0°♐	
evening rise	-2181 Dec 09 j 08:30	10°♐19'01	
	-2181 Dec 25 j 02:37	0°♑	
	-2180 Jan 18 j 06:09	0°♒	
	-2180 Feb 11 j 15:31	0°♓	
asc. node	-2180 Mar 03 j 08:10	25°♓06'46	
	-2180 Mar 07 j 09:43	0°♈	
	-2180 Apr 01 j 17:04	0°♉	
	-2180 Apr 27 j 21:13	0°♊	
	-2180 May 25 j 17:36	0°♋	
evening max el	-2180 Jun 06 j 05:59	11°♋25'03	45°36'08
desc. node	-2180 Jun 23 j 00:16	26°♋12'26	
	-2180 Jun 28 j 00:11	0°♌	
greatest brilliancy	-2180 Jul 15 j 17:16	9°♌42'19	-4.8m
retrograde	-2180 Jul 25 j 04:06	11°♌18'52	
evening set	-2180 Aug 11 j 23:36	5°♌27'43	
inferior conj	-2180 Aug 15 j 04:23	3°♌32'07	-8°47'59

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2180 Aug 15 j 01:48	3°♌36'04	8°47'50	
min. Earth dist.	-2180 Aug 15 j 16:28	3°♌13'41	0.27632 AU	
morning rise	-2180 Aug 18 j 03:48	1°♌44'01		
	-2180 Aug 21 j 04:42	30°♋		
direct	-2180 Sep 05 j 05:37	25°♋37'07		
greatest brilliancy	-2180 Sep 16 j 04:29	27°♋50'42	-4.9m	
	-2180 Sep 20 j 21:29	0°♌		
asc. node	-2180 Oct 14 j 00:53	17°♌19'13		
morning max el	-2180 Oct 25 j 22:30	28°♌54'56	46°52'17	
	-2180 Oct 26 j 23:51	0°♍		
	-2180 Nov 23 j 07:06	0°♎		
	-2180 Dec 18 j 20:10	0°♏		
	-2179 Jan 12 j 19:15	0°♐		
desc. node	-2179 Feb 02 j 17:45	25°♐21'18		
	-2179 Feb 06 j 13:39	0°♑		
	-2179 Mar 03 j 06:22	0°♒		
	-2179 Mar 27 j 22:00	0°♓		
	-2179 Apr 21 j 12:17	0°♈		
morning set	-2179 Apr 29 j 10:30	9°♈41'21		
	-2179 May 16 j 00:29	0°♉		
asc. node	-2179 May 26 j 18:07	13°♉11'08		
max. Earth dist.	-2179 Jun 01 j 07:35	20°♉01'38	1.73430 AU	
superior conj	-2179 Jun 04 j 11:17	23°♉54'39	0°20'22	
minimum elong	-2179 Jun 04 j 07:21	23°♉42'31	0°20'14	
	-2179 Jun 09 j 09:53	0°♊		
	-2179 Jul 03 j 16:16	0°♋		
evening rise	-2179 Jul 10 j 04:00	8°♋02'35		
	-2179 Jul 27 j 20:27	0°♌		
	-2179 Aug 21 j 00:02	0°♍		
	-2179 Sep 14 j 04:46	0°♎		
desc. node	-2179 Sep 15 j 10:06	1°♎30'44		
	-2179 Oct 08 j 12:21	0°♏		
	-2179 Nov 02 j 01:15	0°♐		
	-2179 Nov 27 j 01:05	0°♑		
	-2179 Dec 23 j 02:07	0°♒		
asc. node	-2178 Jan 06 j 10:19	15°♒29'25		
evening max el	-2178 Jan 12 j 16:45	21°♒54'02	46°17'56	
	-2178 Jan 21 j 01:32	0°♓		
greatest brilliancy	-2178 Feb 20 j 18:31	21°♓40'55	-4.8m	
retrograde	-2178 Mar 03 j 11:26	23°♓48'20		
evening set	-2178 Mar 20 j 13:06	18°♓11'40		
inferior conj	-2178 Mar 24 j 21:59	15°♓28'10	6°46'11	
minimum elong	-2178 Mar 25 j 06:43	15°♓14'15	6°44'43	
min. Earth dist.	-2178 Mar 25 j 03:25	15°♓19'31	0.29151 AU	
morning rise	-2178 Mar 30 j 00:24	12°♓18'31		
direct	-2178 Apr 15 j 12:02	7°♓05'44		
greatest brilliancy	-2178 Apr 25 j 13:00	8°♓54'22	-4.7m	
desc. node	-2178 Apr 28 j 02:37	9°♓53'18		
	-2178 May 26 j 21:52	0°♈		
morning max el	-2178 Jun 03 j 06:52	6°♈49'03	45°48'09	
	-2178 Jun 26 j 00:30	0°♉		
	-2178 Jul 22 j 21:07	0°♊		
	-2178 Aug 17 j 07:29	0°♋		
asc. node	-2178 Aug 19 j 03:43	2°♋13'06		
	-2178 Sep 10 j 21:47	0°♌		
	-2178 Oct 05 j 00:22	0°♍		
	-2178 Oct 28 j 21:31	0°♎		
	-2178 Nov 21 j 17:42	0°♏		
morning set	-2178 Dec 03 j 02:07	14°♏15'37		
desc. node	-2178 Dec 08 j 19:58	21°♏28'03		
	-2178 Dec 15 j 15:22	0°♐		
	-2177 Jan 08 j 15:31	0°♑		
superior conj	-2177 Jan 13 j 23:17	6°♑38'02	-1°11'21	
minimum elong	-2177 Jan 13 j 13:04	6°♑06'14	1°11'08	
max. Earth dist.	-2177 Jan 18 j 04:30	11°♑53'03	1.72098 AU	
	-2177 Feb 01 j 18:27	0°♒		
evening rise	-2177 Feb 22 j 14:19	25°♒46'07		
	-2177 Feb 26 j 00:39	0°♓		
	-2177 Mar 22 j 10:48	0°♈		
asc. node	-2177 Mar 31 j 20:13	11°♈28'26		
	-2177 Apr 16 j 01:44	0°♉		
	-2177 May 10 j 22:31	0°♊		
	-2177 Jun 05 j 03:10	0°♋		
	-2177 Jun 30 j 20:17	0°♌		
desc. node	-2177 Jul 21 j 12:08	23°♌21'35		
	-2177 Jul 27 j 13:05	0°♍		
evening max el	-2177 Aug 19 j 17:27	24°♍12'51	46°57'42	
	-2177 Aug 25 j 17:24	0°♎		
greatest brilliancy	-2177 Sep 29 j 17:43	24°♎47'40	-4.9m	
retrograde	-2177 Oct 09 j 00:47	26°♎26'11		
evening set	-2177 Oct 24 j 00:33	22°♎00'54		
inferior conj	-2177 Oct 29 j 13:57	18°♎45'17	-3°16'56	
minimum elong	-2177 Oct 29 j 21:02	18°♎34'30	3°14'47	
min. Earth dist.	-2177 Oct 29 j 15:32	18°♎42'52	0.26347 AU	
morning rise	-2177 Nov 04 j 17:25	15°♎10'48		
asc. node	-2177 Nov 11 j 12:37	12°♎16'58		
direct	-2177 Nov 18 j 19:49	11°♎10'15		
greatest brilliancy	-2177 Nov 29 j 02:08	13°♎10'45	-4.9m	
	-2177 Dec 24 j 08:05	0°♏		
morning max el	-2176 Jan 08 j 04:16	14°♏00'54	46°39'54	
	-2176 Jan 23 j 12:08	0°♐		
	-2176 Feb 19 j 10:57	0°♑		
desc. node	-2176 Mar 02 j 05:27	13°♑31'43		
	-2176 Mar 16 j 09:05	0°♒		
	-2176 Apr 10 j 19:14	0°♓		
	-2176 May 05 j 21:28	0°♈		
	-2176 May 30 j 16:55	0°♉		
asc. node	-2176 Jun 23 j 06:06	28°♉47'35		
	-2176 Jun 24 j 05:40	0°♊		
morning set	-2176 Jul 05 j 14:06	13°♊59'43		
	-2176 Jul 18 j 11:59	0°♋		
max. Earth dist.	-2176 Aug 07 j 18:12	25°♋15'40	1.71905 AU	
superior conj	-2176 Aug 11 j 11:22	29°♋54'35	1°22'50	
minimum elong	-2176 Aug 11 j 07:57	29°♋43'54	1°22'50	
	-2176 Aug 11 j 13:06	0°♌		
	-2176 Sep 04 j 11:08	0°♍		
evening rise	-2176 Sep 19 j 00:40	18°♍17'34		
	-2176 Sep 28 j 08:27	0°♎		
desc. node	-2176 Oct 12 j 22:09	18°♎16'25		
	-2176 Oct 22 j 06:51	0°♏		
	-2176 Nov 15 j 07:37	0°♐		
	-2176 Dec 09 j 12:20	0°♑		
	-2175 Jan 03 j 00:20	0°♒		
	-2175 Jan 28 j 02:10	0°♓		
asc. node	-2175 Feb 02 j 22:11	6°♓49'31		
	-2175 Feb 23 j 06:42	0°♈		
	-2175 Mar 23 j 23:35	0°♉		
evening max el	-2175 Mar 24 j 14:07	0°♉34'52	45°15'55	
greatest brilliancy	-2175 May 01 j 02:39	27°♉53'36	-4.7m	
retrograde	-2175 May 11 j 22:14	29°♉58'13		
desc. node	-2175 May 25 j 14:31	26°♉21'04		
evening set	-2175 May 26 j 19:59	25°♉42'37		
inferior conj	-2175 Jun 02 j 07:26	21°♉52'49	-1°47'10	
minimum elong	-2175 Jun 02 j 03:32	21°♉58'51	1°46'00	
min. Earth dist.	-2175 Jun 02 j 16:08	21°♉39'20	0.28790 AU	
morning rise	-2175 Jun 08 j 10:43	18°♉13'14		
direct	-2175 Jun 24 j 00:37	13°♉36'13		
greatest brilliancy	-2175 Jul 04 j 21:55	15°♉44'19	-4.8m	
	-2175 Jul 27 j 14:15	0°♊		
morning max el	-2175 Aug 12 j 14:37	14°♊34'07	46°17'25	
	-2175 Aug 27 j 13:57	0°♋		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2175 Sep 15 j 15:23	21°♋14'27	
	-2175 Sep 23 j 04:38	0°♌	
	-2175 Oct 18 j 06:16	0°♍	
	-2175 Nov 11 j 15:48	0°♎	
	-2175 Dec 05 j 19:35	0°♏	
	-2175 Dec 29 j 22:50	0°♐	
desc. node	-2174 Jan 05 j 07:59	7°♐55'21	
	-2174 Jan 23 j 03:35	0°♑	
	-2174 Feb 16 j 10:09	0°♒	
morning set	-2174 Feb 17 j 00:31	0°♒44'20	
	-2174 Mar 12 j 18:23	0°♓	
superior conj	-2174 Mar 26 j 22:42	17°♓26'23	-1°06'17
minimum elong	-2174 Mar 27 j 07:39	17°♓53'52	1°06'03
max. Earth dist.	-2174 Mar 28 j 01:04	18°♓47'22	1.73509 AU
	-2174 Apr 06 j 04:02	0°♈	
asc. node	-2174 Apr 28 j 08:16	27°♈12'56	
	-2174 Apr 30 j 14:45	0°♉	
evening rise	-2174 May 02 j 14:42	2°♉27'02	
	-2174 May 25 j 02:09	0°♊	
	-2174 Jun 18 j 14:21	0°♋	
	-2174 Jul 13 j 04:19	0°♌	
	-2174 Aug 06 j 22:09	0°♍	
desc. node	-2174 Aug 18 j 00:05	13°♍19'42	
	-2174 Aug 31 j 23:12	0°♎	
	-2174 Sep 26 j 13:50	0°♏	
	-2174 Oct 23 j 11:43	0°♐	
evening max el	-2174 Oct 31 j 08:22	8°♐13'04	47°27'53
	-2174 Nov 24 j 02:59	0°♑	
asc. node	-2174 Dec 09 j 00:34	9°♑17'40	
greatest brilliancy	-2174 Dec 10 j 17:56	10°♑00'41	-4.9m
retrograde	-2174 Dec 21 j 10:37	12°♑11'47	
evening set	-2173 Jan 06 j 12:31	6°♑59'37	
min. Earth dist.	-2173 Jan 10 j 05:45	4°♑42'23	0.27657 AU
inferior conj	-2173 Jan 11 j 08:03	4°♑00'49	7°04'10
minimum elong	-2173 Jan 10 j 23:01	4°♑15'04	7°02'34
morning rise	-2173 Jan 15 j 10:11	1°♑29'23	
	-2173 Jan 18 j 01:45	30°℞♐	
direct	-2173 Feb 01 j 02:06	26°♐05'05	
greatest brilliancy	-2173 Feb 09 j 19:02	27°♐30'47	-4.8m
	-2173 Feb 15 j 21:52	0°♑	
morning max el	-2173 Mar 22 j 04:10	26°♑36'59	46°00'20
	-2173 Mar 25 j 15:39	0°♒	
desc. node	-2173 Mar 30 j 17:08	5°♒02'59	
	-2173 Apr 23 j 06:29	0°♓	
	-2173 May 19 j 21:49	0°♈	
	-2173 Jun 14 j 14:03	0°♉	
	-2173 Jul 09 j 14:36	0°♊	
asc. node	-2173 Jul 21 j 17:57	14°♊47'29	
	-2173 Aug 03 j 02:50	0°♋	
	-2173 Aug 27 j 05:44	0°♌	
morning set	-2173 Sep 15 j 08:58	24°♌01'28	
	-2173 Sep 20 j 02:51	0°♍	
	-2173 Oct 13 j 21:44	0°♎	
superior conj	-2173 Oct 25 j 10:57	14°♎33'59	0°36'28
minimum elong	-2173 Oct 25 j 19:48	15°♎01'53	0°36'04
max. Earth dist.	-2173 Oct 27 j 08:38	16°♎57'56	1.70935 AU
	-2173 Nov 06 j 17:00	0°♏	
desc. node	-2173 Nov 10 j 10:13	4°♏40'41	
	-2173 Nov 30 j 14:08	0°♐	
evening rise	-2173 Dec 06 j 17:46	7°♐42'25	
	-2173 Dec 24 j 13:55	0°♑	
	-2172 Jan 17 j 17:34	0°♒	
	-2172 Feb 11 j 03:09	0°♓	
asc. node	-2172 Mar 02 j 10:13	24°♓36'48	
	-2172 Mar 06 j 21:50	0°♈	
	-2172 Apr 01 j 06:08	0°♉	
	-2172 Apr 27 j 12:14	0°♊	
	-2172 May 25 j 13:26	0°♋	
evening max el	-2172 Jun 03 j 19:15	9°♋06'01	45°34'05
desc. node	-2172 Jun 22 j 02:28	25°♋05'41	
	-2172 Jun 28 j 21:33	0°♌	
greatest brilliancy	-2172 Jul 13 j 05:53	7°♌22'18	-4.8m
retrograde	-2172 Jul 22 j 16:54	8°♌59'26	
evening set	-2172 Aug 09 j 10:41	3°♌11'38	
inferior conj	-2172 Aug 12 j 18:12	1°♌12'11	-8°44'15
minimum elong	-2172 Aug 12 j 14:44	1°♌17'28	8°44'03
min. Earth dist.	-2172 Aug 13 j 06:16	0°♌53'47	0.27682 AU
	-2172 Aug 14 j 17:39	30°℞♋	
morning rise	-2172 Aug 15 j 18:34	29°♋22'40	
direct	-2172 Sep 02 j 19:30	23°♋16'06	
greatest brilliancy	-2172 Sep 13 j 19:46	25°♋30'29	-4.9m
	-2172 Sep 22 j 14:57	0°♌	
asc. node	-2172 Oct 13 j 03:04	16°♌19'19	
morning max el	-2172 Oct 23 j 11:34	26°♌28'08	46°51'44
	-2172 Oct 26 j 21:33	0°♍	
	-2172 Nov 22 j 23:18	0°♎	
	-2172 Dec 18 j 10:14	0°♏	
	-2171 Jan 12 j 08:11	0°♐	
desc. node	-2171 Feb 01 j 19:43	24°♐49'55	
	-2171 Feb 06 j 01:52	0°♑	
	-2171 Mar 02 j 18:04	0°♒	
	-2171 Mar 27 j 09:21	0°♓	
	-2171 Apr 20 j 23:23	0°♈	
morning set	-2171 Apr 27 j 04:53	7°♈37'00	
	-2171 May 15 j 11:28	0°♉	
asc. node	-2171 May 25 j 20:18	12°♉44'06	
max. Earth dist.	-2171 May 30 j 04:43	18°♉05'13	1.73465 AU
superior conj	-2171 Jun 02 j 06:02	21°♉50'53	0°17'22
minimum elong	-2171 Jun 02 j 02:39	21°♉40'27	0°17'15
	-2171 Jun 08 j 20:50	0°♊	
	-2171 Jul 03 j 03:20	0°♋	
evening rise	-2171 Jul 07 j 22:23	5°♋56'23	
	-2171 Jul 27 j 07:42	0°♌	
	-2171 Aug 20 j 11:33	0°♍	
	-2171 Sep 13 j 16:38	0°♎	
desc. node	-2171 Sep 14 j 12:11	1°♎00'27	
	-2171 Oct 08 j 00:41	0°♏	
	-2171 Nov 01 j 14:18	0°♐	
	-2171 Nov 26 j 15:23	0°♑	
	-2171 Dec 22 j 19:09	0°♒	
asc. node	-2170 Jan 05 j 12:22	14°♒42'53	
evening max el	-2170 Jan 10 j 07:17	19°♒35'43	46°20'48
	-2170 Jan 21 j 03:48	0°♓	
greatest brilliancy	-2170 Feb 18 j 11:13	19°♓30'25	-4.8m
retrograde	-2170 Mar 01 j 04:24	21°♓38'36	
evening set	-2170 Mar 18 j 08:12	15°♓57'44	
inferior conj	-2170 Mar 22 j 14:40	13°♓17'59	6°57'15
minimum elong	-2170 Mar 22 j 23:11	13°♓04'28	6°55'55
min. Earth dist.	-2170 Mar 22 j 19:24	13°♓10'28	0.29140 AU
morning rise	-2170 Mar 27 j 14:14	10°♓12'41	
direct	-2170 Apr 13 j 03:51	4°♓55'37	
greatest brilliancy	-2170 Apr 23 j 04:28	6°♓44'02	-4.7m
desc. node	-2170 Apr 27 j 04:47	8°♓20'42	
	-2170 May 26 j 23:30	0°♈	
morning max el	-2170 May 31 j 23:19	4°♈39'45	45°47'52
	-2170 Jun 25 j 17:11	0°♉	
	-2170 Jul 22 j 11:01	0°♊	
	-2170 Aug 16 j 20:09	0°♋	
asc. node	-2170 Aug 18 j 05:41	1°♋41'02	
	-2170 Sep 10 j 09:50	0°♌	
	-2170 Oct 04 j 12:04	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2170 Oct 28 j 09:01	0°♎	
	-2170 Nov 21 j 05:04	0°♏	
morning set	-2170 Nov 30 j 12:04	11°♏40'33	
desc. node	-2170 Dec 07 j 22:08	20°♏59'21	
	-2170 Dec 15 j 02:39	0°♐	
	-2169 Jan 08 j 02:44	0°♑	
superior conj	-2169 Jan 11 j 10:50	4°♑09'38	-1°09'16
minimum elong	-2169 Jan 11 j 00:11	3°♑36'27	1°09'01
max. Earth dist.	-2169 Jan 15 j 14:32	9°♑20'04	1.72046 AU
	-2169 Feb 01 j 05:39	0°♒	
evening rise	-2169 Feb 20 j 04:45	23°♒28'05	
	-2169 Feb 25 j 11:50	0°♓	
	-2169 Mar 21 j 22:05	0°♈	
asc. node	-2169 Mar 30 j 22:21	11°♈00'13	
	-2169 Apr 15 j 13:18	0°♉	
	-2169 May 10 j 10:37	0°♊	
	-2169 Jun 04 j 16:12	0°♋	
	-2169 Jun 30 j 10:58	0°♌	
desc. node	-2169 Jul 20 j 14:07	22°♌40'20	
	-2169 Jul 27 j 07:04	0°♍	
evening max el	-2169 Aug 17 j 07:13	21°♍49'23	46°55'09
	-2169 Aug 25 j 21:14	0°♎	
greatest brilliancy	-2169 Sep 27 j 06:13	22°♎17'19	-4.9m
retrograde	-2169 Oct 06 j 13:29	23°♎55'31	
evening set	-2169 Oct 21 j 15:05	19°♎26'55	
inferior conj	-2169 Oct 27 j 01:57	16°♎14'53	-3°39'43
minimum elong	-2169 Oct 27 j 09:44	16°♎03'03	3°37'25
min. Earth dist.	-2169 Oct 27 j 04:34	16°♎10'55	0.26355 AU
morning rise	-2169 Nov 02 j 04:19	12°♎42'20	
asc. node	-2169 Nov 10 j 14:47	9°♎21'12	
direct	-2169 Nov 16 j 08:34	8°♎39'51	
greatest brilliancy	-2169 Nov 26 j 15:12	10°♎41'13	-4.9m
	-2169 Dec 24 j 15:21	0°♏	
morning max el	-2168 Jan 05 j 18:50	11°♏38'37	46°41'06
	-2168 Jan 23 j 06:46	0°♐	
	-2168 Feb 19 j 01:55	0°♑	
desc. node	-2168 Mar 01 j 07:34	12°♑57'11	
	-2168 Mar 15 j 22:20	0°♒	
	-2168 Apr 10 j 07:31	0°♓	
	-2168 May 05 j 09:10	0°♈	
	-2168 May 30 j 04:15	0°♉	
asc. node	-2168 Jun 22 j 08:09	28°♉19'35	
	-2168 Jun 23 j 16:49	0°♊	
morning set	-2168 Jul 03 j 07:31	11°♊50'58	
	-2168 Jul 17 j 23:04	0°♋	
max. Earth dist.	-2168 Aug 05 j 06:40	22°♋49'52	1.71962 AU
superior conj	-2168 Aug 09 j 03:10	27°♋39'01	1°22'07
minimum elong	-2168 Aug 08 j 23:05	27°♋26'15	1°22'08
	-2168 Aug 11 j 00:14	0°♌	
	-2168 Sep 03 j 22:23	0°♍	
evening rise	-2168 Sep 16 j 12:32	15°♍48'31	
	-2168 Sep 27 j 19:51	0°♎	
desc. node	-2168 Oct 12 j 00:19	17°♎47'08	
	-2168 Oct 21 j 18:27	0°♏	
	-2168 Nov 14 j 19:24	0°♐	
	-2168 Dec 09 j 00:22	0°♑	
	-2167 Jan 02 j 12:49	0°♒	
	-2167 Jan 27 j 15:38	0°♓	
asc. node	-2167 Feb 02 j 00:13	6°♓15'18	
	-2167 Feb 22 j 22:26	0°♈	
evening max el	-2167 Mar 22 j 06:36	28°♈25'34	45°16'42
	-2167 Mar 23 j 22:15	0°♉	
greatest brilliancy	-2167 Apr 28 j 18:37	25°♉44'10	-4.7m
retrograde	-2167 May 09 j 13:52	27°♉48'21	
evening set	-2167 May 24 j 12:01	23°♉32'52	
desc. node	-2167 May 24 j 16:39	23°♉26'36	
inferior conj	-2167 May 30 j 23:28	19°♉42'34	-1°27'36
minimum elong	-2167 May 30 j 20:16	19°♉47'32	1°26'37
min. Earth dist.	-2167 May 31 j 08:24	19°♉28'41	0.28817 AU
morning rise	-2167 Jun 06 j 04:09	16°♉00'36	
direct	-2167 Jun 21 j 17:14	11°♉25'39	
greatest brilliancy	-2167 Jul 02 j 13:25	13°♉32'32	-4.8m
	-2167 Jul 27 j 21:21	0°♊	
morning max el	-2167 Aug 10 j 05:35	12°♊18'15	46°15'54
	-2167 Aug 27 j 07:55	0°♋	
asc. node	-2167 Sep 14 j 17:37	20°♋36'54	
	-2167 Sep 22 j 19:15	0°♌	
	-2167 Oct 17 j 19:28	0°♍	
	-2167 Nov 11 j 04:15	0°♎	
	-2167 Dec 05 j 07:35	0°♏	
	-2167 Dec 29 j 10:30	0°♐	
desc. node	-2166 Jan 04 j 09:57	7°♐25'31	
	-2166 Jan 22 j 14:57	0°♑	
morning set	-2166 Feb 14 j 14:50	28°♑26'06	
	-2166 Feb 15 j 21:16	0°♒	
	-2166 Mar 12 j 05:21	0°♓	
superior conj	-2166 Mar 24 j 15:57	15°♓18'15	-1°08'15
minimum elong	-2166 Mar 25 j 00:45	15°♓45'18	1°08'00
max. Earth dist.	-2166 Mar 25 j 23:29	16°♓55'11	1.73480 AU
	-2166 Apr 05 j 14:57	0°♈	
asc. node	-2166 Apr 27 j 10:26	26°♈45'57	
evening rise	-2166 Apr 30 j 09:37	0°♉24'11	
	-2166 Apr 30 j 01:43	0°♉	
	-2166 May 24 j 13:19	0°♊	
	-2166 Jun 18 j 01:49	0°♋	
	-2166 Jul 12 j 16:17	0°♌	
	-2166 Aug 06 j 10:53	0°♍	
desc. node	-2166 Aug 17 j 02:09	12°♍46'29	
	-2166 Aug 31 j 13:06	0°♎	
	-2166 Sep 26 j 05:45	0°♏	
	-2166 Oct 23 j 08:15	0°♐	
evening max el	-2166 Oct 28 j 23:17	5°♐50'40	47°28'39
	-2166 Nov 24 j 22:27	0°♑	
asc. node	-2166 Dec 08 j 02:39	7°♑32'19	
greatest brilliancy	-2166 Dec 08 j 10:13	7°♑39'46	-4.9m
retrograde	-2166 Dec 19 j 01:14	9°♑49'17	
evening set	-2165 Jan 04 j 00:01	4°♑42'53	
min. Earth dist.	-2165 Jan 07 j 20:20	2°♑21'14	0.27577 AU
inferior conj	-2165 Jan 08 j 22:35	1°♑39'43	6°52'03
minimum elong	-2165 Jan 08 j 13:18	1°♑54'24	6°50'17
	-2165 Jan 11 j 14:20	30°℞♐	
morning rise	-2165 Jan 13 j 03:12	29°♐04'30	
direct	-2165 Jan 29 j 15:37	23°♐45'24	
greatest brilliancy	-2165 Feb 07 j 09:10	25°♐11'19	-4.8m
	-2165 Feb 17 j 18:45	0°♑	
morning max el	-2165 Mar 19 j 17:32	24°♑18'12	46°01'32
	-2165 Mar 25 j 12:57	0°♒	
desc. node	-2165 Mar 29 j 19:18	4°♒18'04	
	-2165 Apr 22 j 21:58	0°♓	
	-2165 May 19 j 11:07	0°♈	
	-2165 Jun 14 j 02:15	0°♉	
	-2165 Jul 09 j 02:14	0°♊	
asc. node	-2165 Jul 20 j 19:59	14°♊18'38	
	-2165 Aug 02 j 14:10	0°♋	
	-2165 Aug 26 j 16:56	0°♌	
morning set	-2165 Sep 12 j 22:05	21°♌36'31	
	-2165 Sep 19 j 14:01	0°♍	
	-2165 Oct 13 j 08:55	0°♎	
superior conj	-2165 Oct 22 j 20:45	11°♎58'24	0°40'00
minimum elong	-2165 Oct 23 j 06:13	12°♎28'13	0°39'35

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2165 Oct	24 j 10:03	13°♎55'55	1.70931 AU	morning rise	-2162 Mar	25 j 04:04	8°♓07'56	
	-2165 Nov	06 j 04:13	0°♏		direct	-2162 Apr	10 j 20:10	2°♓46'35	
desc. node	-2165 Nov	09 j 12:18	4°♏11'55		greatest brilliancy	-2162 Apr	20 j 19:28	4°♓34'19	-4.7m
	-2165 Nov	30 j 01:22	0°♐		desc. node	-2162 Apr	26 j 06:53	6°♓52'16	
evening rise	-2165 Dec	04 j 02:59	5°♐05'44			-2162 May	26 j 23:24	0°♈	
	-2165 Dec	24 j 01:13	0°♑		morning max el	-2162 May	29 j 16:32	2°♈33'31	45°47'40
	-2164 Jan	17 j 04:57	0°♒			-2162 Jun	25 j 09:07	0°♉	
	-2164 Feb	10 j 14:45	0°♓			-2162 Jul	22 j 00:23	0°♊	
asc. node	-2164 Mar	01 j 12:26	24°♓07'33			-2162 Aug	16 j 08:23	0°♋	
	-2164 Mar	06 j 09:53	0°♈		asc. node	-2162 Aug	17 j 07:57	1°♋11'04	
	-2164 Mar	31 j 19:08	0°♉			-2162 Sep	09 j 21:32	0°♌	
	-2164 Apr	27 j 03:15	0°♊			-2162 Oct	03 j 23:30	0°♍	
	-2164 May	25 j 09:43	0°♋			-2162 Oct	27 j 20:18	0°♎	
evening max el	-2164 Jun	01 j 08:29	6°♋47'26	45°31'58		-2162 Nov	20 j 16:14	0°♏	
desc. node	-2164 Jun	21 j 04:24	23°♋56'48		morning set	-2162 Nov	27 j 21:34	9°♏04'38	
	-2164 Jun	30 j 02:43	0°♌		desc. node	-2162 Dec	07 j 00:08	20°♏30'45	
greatest brilliancy	-2164 Jul	10 j 17:38	5°♌01'31	-4.8m		-2162 Dec	14 j 13:44	0°♐	
retrograde	-2164 Jul	20 j 06:03	6°♌40'07			-2161 Jan	07 j 13:43	0°♑	
evening set	-2164 Aug	06 j 21:17	0°♌55'48						
	-2164 Aug	08 j 11:00	30°℞♋		superior conj	-2161 Jan	08 j 21:44	1°♑39'51	-1°07'00
inferior conj	-2164 Aug	10 j 07:53	28°♋52'00	-8°39'36	minimum elong	-2161 Jan	08 j 10:43	1°♑05'28	1°06'43
minimum elong	-2164 Aug	10 j 03:34	28°♋58'35	8°39'18	max. Earth dist.	-2161 Jan	13 j 01:51	6°♑51'47	1.71989 AU
min. Earth dist.	-2164 Aug	10 j 19:43	28°♋34'00	0.27738 AU		-2161 Jan	31 j 16:33	0°♒	
morning rise	-2164 Aug	13 j 09:38	27°♋00'34		evening rise	-2161 Feb	17 j 18:54	21°♒10'03	
direct	-2164 Aug	31 j 09:34	20°♋54'43			-2161 Feb	24 j 22:43	0°♓	
greatest brilliancy	-2164 Sep	11 j 11:00	23°♋10'07	-4.9m		-2161 Mar	21 j 09:04	0°♈	
	-2164 Sep	23 j 19:51	0°♌		asc. node	-2161 Mar	30 j 00:29	10°♈33'02	
asc. node	-2164 Oct	12 j 05:12	15°♌20'26			-2161 Apr	15 j 00:33	0°♉	
morning max el	-2164 Oct	21 j 01:33	24°♌03'40	46°51'16		-2161 May	09 j 22:24	0°♊	
	-2164 Oct	26 j 18:34	0°♍			-2161 Jun	04 j 04:53	0°♋	
	-2164 Nov	22 j 15:13	0°♎			-2161 Jun	30 j 01:18	0°♌	
	-2164 Dec	18 j 00:04	0°♏		desc. node	-2161 Jul	19 j 16:16	22°♌00'34	
	-2163 Jan	11 j 20:53	0°♐			-2161 Jul	27 j 00:55	0°♍	
desc. node	-2163 Jan	31 j 21:50	24°♐19'36		evening max el	-2161 Aug	14 j 21:28	19°♍28'36	46°52'20
	-2163 Feb	05 j 13:51	0°♑			-2161 Aug	26 j 02:14	0°♎	
	-2163 Mar	02 j 05:33	0°♒		greatest brilliancy	-2161 Sep	24 j 18:28	19°♎47'58	-4.9m
	-2163 Mar	26 j 20:28	0°♓		retrograde	-2161 Oct	04 j 01:44	21°♎25'33	
	-2163 Apr	20 j 10:15	0°♈		evening set	-2161 Oct	19 j 05:43	16°♎53'41	
morning set	-2163 Apr	24 j 23:34	5°♈34'12		inferior conj	-2161 Oct	24 j 13:51	13°♎45'12	-4°02'08
	-2163 May	14 j 22:11	0°♉		minimum elong	-2161 Oct	24 j 22:17	13°♎32'25	3°59'41
asc. node	-2163 May	24 j 22:21	12°♉17'29		min. Earth dist.	-2161 Oct	24 j 17:29	13°♎39'41	0.26373 AU
max. Earth dist.	-2163 May	28 j 04:00	16°♉16'14	1.73496 AU	morning rise	-2161 Oct	30 j 14:49	10°♎14'39	
					asc. node	-2161 Nov	09 j 16:51	6°♎32'08	
superior conj	-2163 May	31 j 01:05	19°♉48'50	0°14'23	direct	-2161 Nov	13 j 21:32	6°♎10'08	
minimum elong	-2163 May	30 j 22:16	19°♉40'08	0°14'16	greatest brilliancy	-2161 Nov	24 j 04:16	8°♎11'56	-4.9m
behind sun begin	-2163 May	30 j 12:38	19°♉10'30			-2161 Dec	24 j 20:20	0°♏	
behind sun end	-2163 May	31 j 07:53	20°♉09'46		morning max el	-2160 Jan	03 j 08:42	9°♏14'47	46°42'12
	-2163 Jun	08 j 07:33	0°♊			-2160 Jan	23 j 00:47	0°♐	
	-2163 Jul	02 j 14:09	0°♋			-2160 Feb	18 j 16:29	0°♑	
evening rise	-2163 Jul	05 j 17:06	3°♋52'05		desc. node	-2160 Feb	29 j 09:47	12°♑23'48	
	-2163 Jul	26 j 18:46	0°♌			-2160 Mar	15 j 11:12	0°♒	
	-2163 Aug	19 j 22:56	0°♍			-2160 Apr	09 j 19:24	0°♓	
	-2163 Sep	13 j 04:25	0°♎			-2160 May	04 j 20:27	0°♈	
desc. node	-2163 Sep	13 j 14:21	0°♎30'41			-2160 May	29 j 15:12	0°♉	
	-2163 Oct	07 j 12:58	0°♏		asc. node	-2160 Jun	21 j 10:13	27°♉52'49	
	-2163 Nov	01 j 03:19	0°♐			-2160 Jun	23 j 03:35	0°♊	
	-2163 Nov	26 j 05:41	0°♑		morning set	-2160 Jul	01 j 01:20	9°♊44'43	
	-2163 Dec	22 j 12:18	0°♒			-2160 Jul	17 j 09:47	0°♋	
asc. node	-2162 Jan	04 j 14:25	13°♒56'21		max. Earth dist.	-2160 Aug	02 j 18:59	20°♋24'58	1.72019 AU
evening max el	-2162 Jan	07 j 22:42	17°♒20'16	46°23'53					
	-2162 Jan	21 j 07:17	0°♓		superior conj	-2160 Aug	06 j 19:37	25°♋26'52	1°21'19
greatest brilliancy	-2162 Feb	16 j 03:26	17°♓20'19	-4.8m	minimum elong	-2160 Aug	06 j 14:55	25°♋12'10	1°21'18
retrograde	-2162 Feb	26 j 21:50	19°♓29'48			-2160 Aug	10 j 10:58	0°♌	
evening set	-2162 Mar	16 j 03:22	13°♓44'47			-2160 Sep	03 j 09:13	0°♍	
inferior conj	-2162 Mar	20 j 07:26	11°♓08'43	7°07'53	evening rise	-2160 Sep	14 j 01:06	13°♍22'58	
minimum elong	-2162 Mar	20 j 15:40	10°♓55'38	7°06'38		-2160 Sep	27 j 06:52	0°♎	
min. Earth dist.	-2162 Mar	20 j 11:04	11°♓02'55	0.29124 AU	desc. node	-2160 Oct	11 j 02:23	17°♎18'43	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2160 Oct 21 j 05:40	0°♏	
	-2160 Nov 14 j 06:52	0°♐	
	-2160 Dec 08 j 12:10	0°♑	
	-2159 Jan 02 j 01:09	0°♒	
	-2159 Jan 27 j 04:59	0°♓	
asc. node	-2159 Feb 01 j 02:27	5°♓42'05	
	-2159 Feb 22 j 14:11	0°♈	
evening max el	-2159 Mar 19 j 22:16	26°♈15'02	45°17'46
	-2159 Mar 23 j 21:32	0°♉	
greatest brilliancy	-2159 Apr 26 j 11:07	23°♉36'33	-4.7m
retrograde	-2159 May 07 j 05:21	25°♉40'08	
evening set	-2159 May 22 j 04:23	21°♉24'21	
desc. node	-2159 May 23 j 18:40	20°♉31'07	
inferior conj	-2159 May 28 j 15:42	17°♉33'58	-1°08'00
minimum elong	-2159 May 28 j 13:12	17°♉37'51	1°07'14
min. Earth dist.	-2159 May 29 j 01:08	17°♉19'17	0.28840 AU
morning rise	-2159 Jun 03 j 21:36	13°♉49'46	
direct	-2159 Jun 19 j 09:33	9°♉16'38	
greatest brilliancy	-2159 Jun 30 j 05:37	11°♉22'57	-4.7m
	-2159 Jul 28 j 01:46	0°♊	
morning max el	-2159 Aug 07 j 19:59	10°♊02'18	46°14'33
	-2159 Aug 27 j 01:01	0°♋	
asc. node	-2159 Sep 13 j 19:41	20°♋00'25	
	-2159 Sep 22 j 09:15	0°♌	
	-2159 Oct 17 j 08:09	0°♍	
	-2159 Nov 10 j 16:16	0°♎	
	-2159 Dec 04 j 19:12	0°♏	
	-2159 Dec 28 j 21:50	0°♐	
desc. node	-2158 Jan 03 j 12:05	6°♐57'05	
	-2158 Jan 22 j 02:03	0°♑	
morning set	-2158 Feb 12 j 04:33	26°♑06'30	
	-2158 Feb 15 j 08:11	0°♒	
	-2158 Mar 11 j 16:07	0°♓	
superior conj	-2158 Mar 22 j 08:41	13°♓09'12	-1°10'07
minimum elong	-2158 Mar 22 j 17:17	13°♓35'37	1°09'54
max. Earth dist.	-2158 Mar 23 j 19:40	14°♓56'45	1.73444 AU
	-2158 Apr 05 j 01:39	0°♈	
asc. node	-2158 Apr 26 j 12:25	26°♈19'11	
evening rise	-2158 Apr 28 j 04:07	28°♈20'53	
	-2158 Apr 29 j 12:27	0°♉	
	-2158 May 24 j 00:13	0°♊	
	-2158 Jun 17 j 13:03	0°♋	
	-2158 Jul 12 j 04:02	0°♌	
	-2158 Aug 05 j 23:24	0°♍	
desc. node	-2158 Aug 16 j 04:21	12°♍14'22	
	-2158 Aug 31 j 02:48	0°♎	
	-2158 Sep 25 j 21:33	0°♏	
	-2158 Oct 23 j 05:01	0°♐	
evening max el	-2158 Oct 26 j 13:14	3°♐26'54	47°29'18
	-2158 Nov 26 j 00:13	0°♑	
greatest brilliancy	-2158 Dec 06 j 02:23	5°♑19'25	-4.9m
asc. node	-2158 Dec 07 j 04:40	5°♑43'45	
retrograde	-2158 Dec 16 j 15:34	7°♑27'38	
evening set	-2157 Jan 01 j 11:29	2°♑26'33	
	-2157 Jan 05 j 11:19	30°℞♐	
min. Earth dist.	-2157 Jan 05 j 11:05	0°♑00'21	0.27505 AU
inferior conj	-2157 Jan 06 j 13:04	29°♐19'19	6°38'59
minimum elong	-2157 Jan 06 j 03:36	29°♐34'17	6°37'06
morning rise	-2157 Jan 10 j 20:19	26°♐40'14	
direct	-2157 Jan 27 j 04:48	21°♐26'03	
greatest brilliancy	-2157 Feb 04 j 23:54	22°♐52'56	-4.8m
	-2157 Feb 19 j 01:03	0°♑	
morning max el	-2157 Mar 17 j 07:03	21°♑59'55	46°02'41
	-2157 Mar 25 j 09:24	0°♒	
desc. node	-2157 Mar 28 j 21:20	3°♒33'49	
	-2157 Apr 22 j 13:09	0°♓	
	-2157 May 19 j 00:10	0°♈	
	-2157 Jun 13 j 14:14	0°♉	
	-2157 Jul 08 j 13:37	0°♊	
asc. node	-2157 Jul 19 j 22:10	13°♊50'56	
	-2157 Aug 02 j 01:15	0°♋	
	-2157 Aug 26 j 03:54	0°♌	
morning set	-2157 Sep 10 j 11:30	19°♌13'11	
	-2157 Sep 19 j 00:58	0°♍	
	-2157 Oct 12 j 19:54	0°♎	
superior conj	-2157 Oct 20 j 06:59	9°♎24'43	0°43'26
minimum elong	-2157 Oct 20 j 16:58	9°♎56'10	0°42'59
max. Earth dist.	-2157 Oct 21 j 13:14	11°♎00'04	1.70931 AU
	-2157 Nov 05 j 15:14	0°♏	
desc. node	-2157 Nov 08 j 14:19	3°♏43'37	
	-2157 Nov 29 j 12:24	0°♐	
evening rise	-2157 Dec 01 j 12:33	2°♐30'49	
	-2157 Dec 23 j 12:17	0°♑	
	-2156 Jan 16 j 16:10	0°♒	
	-2156 Feb 10 j 02:13	0°♓	
asc. node	-2156 Feb 29 j 14:28	23°♓38'07	
	-2156 Mar 05 j 21:53	0°♈	
	-2156 Mar 31 j 08:10	0°♉	
	-2156 Apr 26 j 18:28	0°♊	
	-2156 May 25 j 06:40	0°♋	
evening max el	-2156 May 29 j 22:24	4°♋30'52	45°30'10
desc. node	-2156 Jun 20 j 06:35	22°♋46'38	
	-2156 Jul 01 j 20:32	0°♌	
greatest brilliancy	-2156 Jul 08 j 04:56	2°♌40'52	-4.8m
retrograde	-2156 Jul 17 j 19:48	4°♌21'28	
	-2156 Aug 01 j 23:11	30°℞♋	
evening set	-2156 Aug 04 j 07:44	28°♋40'53	
inferior conj	-2156 Aug 07 j 21:38	26°♋32'24	-8°34'07
minimum elong	-2156 Aug 07 j 16:32	26°♋40'10	8°33'42
min. Earth dist.	-2156 Aug 08 j 08:49	26°♋15'24	0.27791 AU
morning rise	-2156 Aug 11 j 01:06	24°♋38'35	
direct	-2156 Aug 29 j 00:14	18°♋34'05	
greatest brilliancy	-2156 Sep 09 j 01:41	20°♋49'50	-4.9m
	-2156 Sep 24 j 16:39	0°♌	
asc. node	-2156 Oct 11 j 07:15	14°♌23'02	
morning max el	-2156 Oct 18 j 16:22	21°♌41'54	46°50'39
	-2156 Oct 26 j 14:46	0°♍	
	-2156 Nov 22 j 06:48	0°♎	
	-2156 Dec 17 j 13:43	0°♏	
	-2155 Jan 11 j 09:27	0°♐	
desc. node	-2155 Jan 31 j 00:00	23°♐49'43	
	-2155 Feb 05 j 01:43	0°♑	
	-2155 Mar 01 j 16:58	0°♒	
	-2155 Mar 26 j 07:33	0°♓	
	-2155 Apr 19 j 21:08	0°♈	
morning set	-2155 Apr 22 j 17:59	3°♈30'33	
	-2155 May 14 j 08:58	0°♉	
asc. node	-2155 May 24 j 00:26	11°♉50'46	
max. Earth dist.	-2155 May 26 j 03:03	14°♉26'21	1.73526 AU
superior conj	-2155 May 28 j 19:49	17°♉45'34	0°11'19
minimum elong	-2155 May 28 j 17:34	17°♉38'40	0°11'15
behind sun begin	-2155 May 28 j 01:50	16°♉50'14	
behind sun end	-2155 May 29 j 09:19	18°♉27'06	
	-2155 Jun 07 j 18:19	0°♊	
	-2155 Jul 02 j 01:03	0°♋	
evening rise	-2155 Jul 03 j 11:35	1°♋46'53	
	-2155 Jul 26 j 05:53	0°♌	
	-2155 Aug 19 j 10:22	0°♍	
desc. node	-2155 Sep 12 j 16:21	0°♎00'21	
	-2155 Sep 12 j 16:14	0°♎	
	-2155 Oct 07 j 01:20	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2155 Oct 31 j 16:28	0°♐	
	-2155 Nov 25 j 20:11	0°♑	
	-2155 Dec 22 j 05:52	0°♒	
asc. node	-2154 Jan 03 j 16:41	13°♒09'34	
evening max el	-2154 Jan 05 j 14:53	15°♒06'32	46°26'57
	-2154 Jan 21 j 12:38	0°♓	
greatest brilliancy	-2154 Feb 13 j 19:37	15°♓10'05	-4.8m
retrograde	-2154 Feb 24 j 15:20	17°♓20'40	
evening set	-2154 Mar 13 j 22:28	11°♓31'49	
inferior conj	-2154 Mar 18 j 00:10	8°♓59'09	7°17'48
minimum elong	-2154 Mar 18 j 08:05	8°♓46'34	7°16'41
min. Earth dist.	-2154 Mar 18 j 02:25	8°♓55'35	0.29107 AU
morning rise	-2154 Mar 22 j 17:53	6°♓02'51	
direct	-2154 Apr 08 j 12:56	0°♓37'28	
greatest brilliancy	-2154 Apr 18 j 09:52	2°♓23'42	-4.7m
desc. node	-2154 Apr 25 j 08:55	5°♓26'24	
	-2154 May 26 j 22:26	0°♈	
morning max el	-2154 May 27 j 09:41	0°♈26'45	45°47'17
	-2154 Jun 25 j 01:00	0°♉	
	-2154 Jul 21 j 13:53	0°♊	
	-2154 Aug 15 j 20:48	0°♋	
asc. node	-2154 Aug 16 j 10:00	0°♋39'54	
	-2154 Sep 09 j 09:23	0°♌	
	-2154 Oct 03 j 11:03	0°♍	
	-2154 Oct 27 j 07:41	0°♎	
	-2154 Nov 20 j 03:32	0°♏	
morning set	-2154 Nov 25 j 07:10	6°♏28'35	
desc. node	-2154 Dec 06 j 02:15	20°♏02'02	
	-2154 Dec 14 j 00:58	0°♐	
superior conj	-2153 Jan 06 j 08:31	29°♐08'57	-1°04'35
minimum elong	-2153 Jan 05 j 21:14	28°♐33'45	1°04'17
	-2153 Jan 07 j 00:53	0°♑	
max. Earth dist.	-2153 Jan 10 j 14:51	4°♑27'59	1.71933 AU
	-2153 Jan 31 j 03:39	0°♒	
evening rise	-2153 Feb 15 j 08:57	18°♒51'02	
	-2153 Feb 24 j 09:48	0°♓	
	-2153 Mar 20 j 20:14	0°♈	
asc. node	-2153 Mar 29 j 02:31	10°♈04'56	
	-2153 Apr 14 j 12:02	0°♉	
	-2153 May 09 j 10:27	0°♊	
	-2153 Jun 03 j 17:57	0°♋	
	-2153 Jun 29 j 16:11	0°♌	
desc. node	-2153 Jul 18 j 18:25	21°♌19'12	
	-2153 Jul 26 j 19:36	0°♍	
evening max el	-2153 Aug 12 j 11:24	17°♍05'59	46°49'28
	-2153 Aug 26 j 09:52	0°♎	
greatest brilliancy	-2153 Sep 22 j 07:07	17°♎18'16	-4.9m
retrograde	-2153 Oct 01 j 13:29	18°♎54'35	
evening set	-2153 Oct 16 j 20:30	14°♎19'33	
inferior conj	-2153 Oct 22 j 01:46	11°♎14'48	-4°23'59
minimum elong	-2153 Oct 22 j 10:46	11°♎01'07	4°21'26
min. Earth dist.	-2153 Oct 22 j 06:34	11°♎07'30	0.26389 AU
morning rise	-2153 Oct 28 j 01:00	7°♎46'24	
asc. node	-2153 Nov 08 j 18:57	3°♎48'21	
direct	-2153 Nov 11 j 10:06	3°♎39'47	
greatest brilliancy	-2153 Nov 21 j 17:28	5°♎42'01	-4.9m
	-2153 Dec 24 j 23:50	0°♏	
morning max el	-2153 Dec 31 j 21:29	6°♏47'19	46°43'12
	-2152 Jan 22 j 18:40	0°♐	
	-2152 Feb 18 j 07:09	0°♑	
desc. node	-2152 Feb 28 j 11:43	11°♑49'02	
	-2152 Mar 15 j 00:16	0°♒	
	-2152 Apr 09 j 07:31	0°♓	
	-2152 May 04 j 07:59	0°♈	
	-2152 May 29 j 02:24	0°♉	
asc. node	-2152 Jun 20 j 12:26	27°♉25'35	
	-2152 Jun 22 j 14:38	0°♊	
morning set	-2152 Jun 28 j 19:07	7°♊37'29	
	-2152 Jul 16 j 20:49	0°♋	
max. Earth dist.	-2152 Jul 31 j 07:47	18°♋00'34	1.72084 AU
superior conj	-2152 Aug 04 j 12:00	23°♋13'27	1°20'23
minimum elong	-2152 Aug 04 j 06:41	22°♋56'51	1°20'20
	-2152 Aug 09 j 22:04	0°♌	
	-2152 Sep 02 j 20:28	0°♍	
evening rise	-2152 Sep 11 j 13:31	10°♍55'48	
	-2152 Sep 26 j 18:17	0°♎	
desc. node	-2152 Oct 10 j 04:25	16°♎49'02	
	-2152 Oct 20 j 17:16	0°♏	
	-2152 Nov 13 j 18:42	0°♐	
	-2152 Dec 08 j 00:18	0°♑	
	-2151 Jan 01 j 13:50	0°♒	
	-2151 Jan 26 j 18:48	0°♓	
asc. node	-2151 Jan 31 j 04:28	5°♓07'05	
	-2151 Feb 22 j 06:34	0°♈	
evening max el	-2151 Mar 17 j 13:10	24°♈01'32	45°18'57
	-2151 Mar 23 j 22:24	0°♉	
greatest brilliancy	-2151 Apr 24 j 03:37	21°♉28'00	-4.7m
retrograde	-2151 May 04 j 21:00	23°♉31'21	
evening set	-2151 May 19 j 20:56	19°♉14'45	
desc. node	-2151 May 22 j 20:48	17°♉32'23	
inferior conj	-2151 May 26 j 08:00	15°♉24'44	-0°48'22
minimum elong	-2151 May 26 j 06:13	15°♉27'29	0°47'49
min. Earth dist.	-2151 May 26 j 18:02	15°♉09'06	0.28865 AU
morning rise	-2151 Jun 01 j 15:00	11°♉38'34	
direct	-2151 Jun 17 j 01:28	7°♉06'50	
greatest brilliancy	-2151 Jun 27 j 22:17	9°♉13'13	-4.7m
	-2151 Jul 28 j 04:53	0°♊	
morning max el	-2151 Aug 05 j 10:20	7°♊45'20	46°13'08
	-2151 Aug 26 j 18:11	0°♋	
asc. node	-2151 Sep 12 j 21:44	19°♋22'54	
	-2151 Sep 21 j 23:34	0°♌	
	-2151 Oct 16 j 21:13	0°♍	
	-2151 Nov 10 j 04:41	0°♎	
	-2151 Dec 04 j 07:12	0°♏	
	-2151 Dec 28 j 09:31	0°♐	
desc. node	-2150 Jan 02 j 14:16	6°♐27'44	
	-2150 Jan 21 j 13:28	0°♑	
morning set	-2150 Feb 09 j 17:56	23°♑44'49	
	-2150 Feb 14 j 19:24	0°♒	
	-2150 Mar 11 j 03:13	0°♓	
superior conj	-2150 Mar 20 j 01:23	10°♓58'55	-1°11'53
minimum elong	-2150 Mar 20 j 09:44	11°♓24'36	1°11'42
max. Earth dist.	-2150 Mar 21 j 14:10	12°♓52'03	1.73410 AU
	-2150 Apr 04 j 12:42	0°♈	
evening rise	-2150 Apr 25 j 22:40	26°♈16'36	
asc. node	-2150 Apr 25 j 14:34	25°♈51'49	
	-2150 Apr 28 j 23:33	0°♉	
	-2150 May 23 j 11:28	0°♊	
	-2150 Jun 17 j 00:37	0°♋	
	-2150 Jul 11 j 16:09	0°♌	
	-2150 Aug 05 j 12:21	0°♍	
desc. node	-2150 Aug 15 j 06:19	11°♍40'22	
	-2150 Aug 30 j 17:02	0°♎	
	-2150 Sep 25 j 14:06	0°♏	
	-2150 Oct 23 j 03:08	0°♐	
evening max el	-2150 Oct 24 j 02:56	1°♐00'54	47°29'51
	-2150 Nov 27 j 14:09	0°♑	
greatest brilliancy	-2150 Dec 03 j 18:02	2°♑56'16	-4.9m
asc. node	-2150 Dec 06 j 06:54	3°♑48'57	
retrograde	-2150 Dec 14 j 05:56	5°♑03'50	
evening set	-2150 Dec 29 j 22:42	0°♑07'40	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2150 Dec 30 j 04:00	30°℞♐	
min. Earth dist.	-2149 Jan 03 j 01:29	27°♐37'22	0.27429 AU
inferior conj	-2149 Jan 04 j 03:19	26°♐56'40	6°25'04
minimum elong	-2149 Jan 03 j 17:42	27°♐11'50	6°23'03
morning rise	-2149 Jan 08 j 13:15	24°♐13'55	
direct	-2149 Jan 24 j 17:41	19°♐04'24	
greatest brilliancy	-2149 Feb 02 j 14:18	20°♐32'30	-4.8m
	-2149 Feb 19 j 23:43	0°♑	
morning max el	-2149 Mar 14 j 21:00	19°♑41'30	46°03'58
	-2149 Mar 25 j 05:36	0°♒	
desc. node	-2149 Mar 27 j 23:28	2°♒49'22	
	-2149 Apr 22 j 04:27	0°♓	
	-2149 May 18 j 13:27	0°♈	
	-2149 Jun 13 j 02:29	0°♉	
	-2149 Jul 08 j 01:17	0°♊	
asc. node	-2149 Jul 19 j 00:15	13°♊22'04	
	-2149 Aug 01 j 12:36	0°♋	
	-2149 Aug 25 j 15:08	0°♌	
morning set	-2149 Sep 08 j 01:19	16°♌50'26	
	-2149 Sep 18 j 12:13	0°♍	
	-2149 Oct 12 j 07:11	0°♎	
superior conj	-2149 Oct 17 j 17:18	6°♎50'16	0°46'45
minimum elong	-2149 Oct 18 j 03:42	7°♎23'02	0°46'18
max. Earth dist.	-2149 Oct 18 j 19:33	8°♎13'02	1.70939 AU
	-2149 Nov 05 j 02:35	0°♏	
desc. node	-2149 Nov 07 j 16:30	3°♏14'47	
evening rise	-2149 Nov 28 j 21:46	29°♏53'39	
	-2149 Nov 28 j 23:48	0°♐	
	-2149 Dec 22 j 23:45	0°♑	
	-2148 Jan 16 j 03:44	0°♒	
	-2148 Feb 09 j 14:02	0°♓	
asc. node	-2148 Feb 28 j 16:31	23°♓07'42	
	-2148 Mar 05 j 10:13	0°♈	
	-2148 Mar 30 j 21:35	0°♉	
	-2148 Apr 26 j 10:12	0°♊	
	-2148 May 25 j 04:41	0°♋	
evening max el	-2148 May 27 j 13:24	2°♋16'20	45°28'25
desc. node	-2148 Jun 19 j 08:45	21°♋33'51	
	-2148 Jul 04 j 17:11	0°♌	
greatest brilliancy	-2148 Jul 05 j 16:17	0°♌20'13	-4.8m
retrograde	-2148 Jul 15 j 09:56	2°♌02'45	
	-2148 Jul 25 j 14:53	30°℞♋	
evening set	-2148 Aug 01 j 18:11	26°♋26'30	
inferior conj	-2148 Aug 05 j 11:33	24°♋12'53	-8°27'45
minimum elong	-2148 Aug 05 j 05:43	24°♋21'45	8°27'13
min. Earth dist.	-2148 Aug 05 j 21:49	23°♋57'16	0.27839 AU
morning rise	-2148 Aug 08 j 17:02	22°♋16'10	
direct	-2148 Aug 26 j 15:25	16°♋13'53	
greatest brilliancy	-2148 Sep 06 j 15:42	18°♋28'55	-4.9m
	-2148 Sep 25 j 08:14	0°♌	
asc. node	-2148 Oct 10 j 09:26	13°♌26'54	
morning max el	-2148 Oct 16 j 07:22	19°♌20'31	46°49'54
	-2148 Oct 26 j 10:30	0°♍	
	-2148 Nov 21 j 22:20	0°♎	
	-2148 Dec 17 j 03:27	0°♏	
	-2147 Jan 10 j 22:12	0°♐	
desc. node	-2147 Jan 30 j 02:00	23°♐18'32	
	-2147 Feb 04 j 13:50	0°♑	
	-2147 Mar 01 j 04:36	0°♒	
	-2147 Mar 25 j 18:50	0°♓	
	-2147 Apr 19 j 08:10	0°♈	
morning set	-2147 Apr 20 j 12:18	1°♈26'03	
	-2147 May 13 j 19:52	0°♉	
asc. node	-2147 May 23 j 02:37	11°♉23'54	
max. Earth dist.	-2147 May 24 j 02:14	12°♉36'31	1.73552 AU
superior conj	-2147 May 26 j 14:33	15°♉41'58	0°08'16
minimum elong	-2147 May 26 j 12:54	15°♉36'54	0°08'14
behind sun begin	-2147 May 25 j 17:47	14°♉38'04	
behind sun end	-2147 May 27 j 08:02	16°♉35'45	
	-2147 Jun 07 j 05:15	0°♊	
evening rise	-2147 Jul 01 j 06:16	29°♊41'55	
	-2147 Jul 01 j 12:06	0°♋	
	-2147 Jul 25 j 17:10	0°♌	
	-2147 Aug 18 j 21:55	0°♍	
desc. node	-2147 Sep 11 j 18:27	29°♍30'04	
	-2147 Sep 12 j 04:10	0°♎	
	-2147 Oct 06 j 13:47	0°♏	
	-2147 Oct 31 j 05:44	0°♐	
	-2147 Nov 25 j 10:54	0°♑	
	-2147 Dec 21 j 23:56	0°♒	
asc. node	-2146 Jan 02 j 18:41	12°♒20'57	
evening max el	-2146 Jan 03 j 07:19	12°♒52'50	46°29'48
	-2146 Jan 21 j 20:29	0°♓	
greatest brilliancy	-2146 Feb 11 j 12:23	12°♓59'45	-4.8m
retrograde	-2146 Feb 22 j 08:34	15°♓10'29	
evening set	-2146 Mar 11 j 17:28	9°♓18'18	
inferior conj	-2146 Mar 15 j 16:51	6°♓48'49	7°27'08
minimum elong	-2146 Mar 16 j 00:24	6°♓36'50	7°26'09
min. Earth dist.	-2146 Mar 15 j 17:44	6°♓47'26	0.29085 AU
morning rise	-2146 Mar 20 j 07:33	3°♓56'57	
	-2146 Mar 28 j 11:32	30°℞♒	
direct	-2146 Apr 06 j 05:46	28°♒27'51	
	-2146 Apr 15 j 09:18	0°♓	
greatest brilliancy	-2146 Apr 15 j 24:00	0°♓12'10	-4.7m
desc. node	-2146 Apr 24 j 11:06	4°♓02'58	
morning max el	-2146 May 25 j 01:59	28°♓17'47	45°46'58
	-2146 May 26 j 20:37	0°♈	
	-2146 Jun 24 j 16:39	0°♉	
	-2146 Jul 21 j 03:16	0°♊	
	-2146 Aug 15 j 09:08	0°♋	
asc. node	-2146 Aug 15 j 12:01	0°♋08'43	
	-2146 Sep 08 j 21:11	0°♌	
	-2146 Oct 02 j 22:33	0°♍	
	-2146 Oct 26 j 19:01	0°♎	
	-2146 Nov 19 j 14:45	0°♏	
morning set	-2146 Nov 22 j 17:17	3°♏54'22	
desc. node	-2146 Dec 05 j 04:24	19°♏33'48	
	-2146 Dec 13 j 12:05	0°♐	
superior conj	-2145 Jan 03 j 19:28	26°♐38'50	-1°02'03
minimum elong	-2145 Jan 03 j 08:02	26°♐03'11	1°01'44
	-2145 Jan 06 j 11:57	0°♑	
max. Earth dist.	-2145 Jan 08 j 05:52	2°♑10'46	1.71879 AU
	-2145 Jan 30 j 14:39	0°♒	
evening rise	-2145 Feb 12 j 22:53	16°♒31'43	
	-2145 Feb 23 j 20:49	0°♓	
	-2145 Mar 20 j 07:23	0°♈	
asc. node	-2145 Mar 28 j 04:40	9°♈37'19	
	-2145 Apr 13 j 23:29	0°♉	
	-2145 May 08 j 22:29	0°♊	
	-2145 Jun 03 j 07:00	0°♋	
	-2145 Jun 29 j 07:06	0°♌	
desc. node	-2145 Jul 17 j 20:24	20°♌37'20	
	-2145 Jul 26 j 14:38	0°♍	
evening max el	-2145 Aug 10 j 00:19	14°♍41'25	46°46'29
	-2145 Aug 26 j 19:55	0°♎	
greatest brilliancy	-2145 Sep 19 j 20:25	14°♎49'58	-4.9m
retrograde	-2145 Sep 29 j 00:53	16°♎24'30	
evening set	-2145 Oct 14 j 11:28	11°♎46'04	
inferior conj	-2145 Oct 19 j 13:47	8°♎45'22	-4°45'10
minimum elong	-2145 Oct 19 j 23:16	8°♎30'55	4°42'34
min. Earth dist.	-2145 Oct 19 j 20:04	8°♎35'49	0.26407 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2145 Oct 25 j 10:59	5°♎19'20	
asc. node	-2145 Nov 07 j 21:07	1°♎11'30	
direct	-2145 Nov 08 j 22:09	1°♎10'10	
greatest brilliancy	-2145 Nov 19 j 07:16	3°♎13'30	-4.9m
	-2145 Dec 25 j 01:32	0°♏	
morning max el	-2145 Dec 29 j 09:31	4°♏18'29	46°44'23
	-2144 Jan 22 j 11:51	0°♐	
	-2144 Feb 17 j 21:22	0°♑	
desc. node	-2144 Feb 27 j 13:53	11°♑15'52	
	-2144 Mar 14 j 12:59	0°♒	
	-2144 Apr 08 j 19:22	0°♓	
	-2144 May 03 j 19:19	0°♈	
	-2144 May 28 j 13:25	0°♉	
asc. node	-2144 Jun 19 j 14:28	26°♉58'29	
	-2144 Jun 22 j 01:28	0°♊	
morning set	-2144 Jun 26 j 12:56	5°♊31'01	
	-2144 Jul 16 j 07:36	0°♋	
max. Earth dist.	-2144 Jul 28 j 23:24	15°♋45'47	1.72148 AU
superior conj	-2144 Aug 02 j 04:31	21°♋01'20	1°19'18
minimum elong	-2144 Aug 01 j 22:38	20°♋43'00	1°19'16
	-2144 Aug 09 j 08:55	0°♌	
	-2144 Sep 02 j 07:27	0°♍	
evening rise	-2144 Sep 09 j 02:20	8°♍30'46	
	-2144 Sep 26 j 05:28	0°♎	
desc. node	-2144 Oct 09 j 06:35	16°♎20'34	
	-2144 Oct 20 j 04:40	0°♏	
	-2144 Nov 13 j 06:17	0°♐	
	-2144 Dec 07 j 12:11	0°♑	
	-2143 Jan 01 j 02:16	0°♒	
	-2143 Jan 26 j 08:21	0°♓	
asc. node	-2143 Jan 30 j 06:33	4°♓33'08	
	-2143 Feb 21 j 22:50	0°♈	
evening max el	-2143 Mar 15 j 03:39	21°♈48'09	45°20'09
	-2143 Mar 24 j 00:06	0°♉	
greatest brilliancy	-2143 Apr 21 j 19:46	19°♉20'03	-4.7m
retrograde	-2143 May 02 j 13:04	21°♉23'52	
evening set	-2143 May 17 j 13:42	17°♉05'54	
desc. node	-2143 May 21 j 22:56	14°♉33'07	
inferior conj	-2143 May 24 j 00:23	13°♉16'35	-0°28'46
minimum elong	-2143 May 23 j 23:20	13°♉18'14	0°28'26
min. Earth dist.	-2143 May 24 j 10:58	13°♉00'06	0.28892 AU
morning rise	-2143 May 30 j 08:23	9°♉28'53	
direct	-2143 Jun 14 j 17:24	4°♉57'59	
greatest brilliancy	-2143 Jun 25 j 15:18	7°♉05'01	-4.7m
	-2143 Jul 28 j 06:10	0°♊	
morning max el	-2143 Aug 03 j 01:36	5°♊31'42	46°11'49
	-2143 Aug 26 j 10:40	0°♋	
asc. node	-2143 Sep 11 j 23:58	18°♋47'15	
	-2143 Sep 21 j 13:23	0°♌	
	-2143 Oct 16 j 09:52	0°♍	
	-2143 Nov 09 j 16:44	0°♎	
	-2143 Dec 03 j 18:51	0°♏	
	-2143 Dec 27 j 20:52	0°♐	
desc. node	-2142 Jan 01 j 16:13	5°♐58'41	
	-2142 Jan 21 j 00:33	0°♑	
morning set	-2142 Feb 07 j 07:23	21°♑24'15	
	-2142 Feb 14 j 06:16	0°♒	
	-2142 Mar 10 j 13:56	0°♓	
superior conj	-2142 Mar 17 j 18:16	8°♓50'25	-1°13'33
minimum elong	-2142 Mar 18 j 02:20	9°♓15'13	1°13'23
max. Earth dist.	-2142 Mar 19 j 08:39	10°♓48'29	1.73374 AU
	-2142 Apr 03 j 23:22	0°♈	
evening rise	-2142 Apr 23 j 17:25	24°♈14'14	
asc. node	-2142 Apr 24 j 16:45	25°♈25'43	
	-2142 Apr 28 j 10:16	0°♉	
	-2142 May 22 j 22:22	0°♊	
	-2142 Jun 16 j 11:53	0°♋	
	-2142 Jul 11 j 03:58	0°♌	
	-2142 Aug 05 j 01:00	0°♍	
desc. node	-2142 Aug 14 j 08:27	11°♍07'46	
	-2142 Aug 30 j 07:01	0°♎	
	-2142 Sep 25 j 06:30	0°♏	
evening max el	-2142 Oct 21 j 17:06	28°♏37'25	47°30'18
	-2142 Oct 23 j 01:38	0°♐	
	-2142 Nov 30 j 00:30	0°♑	
greatest brilliancy	-2142 Dec 01 j 09:04	0°♑33'13	-4.9m
asc. node	-2142 Dec 05 j 08:57	1°♑50'20	
retrograde	-2142 Dec 11 j 20:40	2°♑40'51	
	-2142 Dec 23 j 05:15	30°℞♐	
evening set	-2142 Dec 27 j 09:55	27°♐49'11	
min. Earth dist.	-2142 Dec 31 j 15:32	25°♐15'15	0.27357 AU
inferior conj	-2141 Jan 01 j 17:26	24°♐34'35	6°10'19
minimum elong	-2141 Jan 01 j 07:45	24°♐49'49	6°08'11
morning rise	-2141 Jan 06 j 06:10	21°♐48'14	
direct	-2141 Jan 22 j 06:53	16°♐43'15	
greatest brilliancy	-2141 Jan 31 j 04:14	18°♐12'18	-4.8m
	-2141 Feb 20 j 16:05	0°♑	
morning max el	-2141 Mar 12 j 11:53	17°♑26'21	46°05'23
	-2141 Mar 25 j 00:47	0°♒	
desc. node	-2141 Mar 27 j 01:36	2°♒06'39	
	-2141 Apr 21 j 19:06	0°♓	
	-2141 May 18 j 02:13	0°♈	
	-2141 Jun 12 j 14:17	0°♉	
	-2141 Jul 07 j 12:34	0°♊	
asc. node	-2141 Jul 18 j 02:18	12°♊54'09	
	-2141 Jul 31 j 23:38	0°♋	
	-2141 Aug 25 j 02:04	0°♌	
morning set	-2141 Sep 05 j 15:11	14°♌28'56	
	-2141 Sep 17 j 23:08	0°♍	
	-2141 Oct 11 j 18:08	0°♎	
superior conj	-2141 Oct 15 j 03:39	4°♎17'00	0°49'57
minimum elong	-2141 Oct 15 j 14:21	4°♎50'46	0°49'31
max. Earth dist.	-2141 Oct 16 j 03:59	5°♎33'46	1.70945 AU
	-2141 Nov 04 j 13:34	0°♏	
desc. node	-2141 Nov 06 j 18:34	2°♏46'42	
evening rise	-2141 Nov 26 j 06:55	27°♏17'17	
	-2141 Nov 28 j 10:50	0°♐	
	-2141 Dec 22 j 10:53	0°♑	
	-2140 Jan 15 j 15:01	0°♒	
	-2140 Feb 09 j 01:34	0°♓	
asc. node	-2140 Feb 27 j 18:44	22°♓38'42	
	-2140 Mar 04 j 22:16	0°♈	
	-2140 Mar 30 j 10:43	0°♉	
	-2140 Apr 26 j 01:44	0°♊	
evening max el	-2140 May 25 j 04:51	0°♋04'11	45°26'39
	-2140 May 25 j 03:06	0°♋	
desc. node	-2140 Jun 18 j 10:41	20°♋19'35	
greatest brilliancy	-2140 Jul 03 j 04:00	28°♋01'19	-4.8m
retrograde	-2140 Jul 12 j 23:53	29°♋45'06	
evening set	-2140 Jul 30 j 04:34	24°♋13'43	
inferior conj	-2140 Aug 03 j 01:30	21°♋54'34	-8°20'36
minimum elong	-2140 Aug 02 j 18:58	22°♋04'32	8°19'55
min. Earth dist.	-2140 Aug 03 j 10:56	21°♋40'13	0.27888 AU
morning rise	-2140 Aug 06 j 09:12	19°♋54'27	
direct	-2140 Aug 24 j 06:41	13°♋54'59	
greatest brilliancy	-2140 Sep 04 j 05:30	16°♋08'36	-4.9m
	-2140 Sep 25 j 19:33	0°♌	
asc. node	-2140 Oct 09 j 11:33	12°♌32'21	
morning max el	-2140 Oct 13 j 21:58	16°♌58'56	46°49'02
	-2140 Oct 26 j 05:26	0°♍	
	-2140 Nov 21 j 13:23	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2140 Dec 16 j 16:48	0°♏	
	-2139 Jan 10 j 10:35	0°♐	
desc. node	-2139 Jan 29 j 04:08	22°♐48'46	
	-2139 Feb 04 j 01:36	0°♑	
	-2139 Feb 28 j 15:56	0°♒	
	-2139 Mar 25 j 05:50	0°♓	
morning set	-2139 Apr 18 j 06:41	29°♓22'33	
	-2139 Apr 18 j 18:56	0°♈	
	-2139 May 13 j 06:31	0°♉	
max. Earth dist.	-2139 May 22 j 00:37	10°♉45'03	1.73572 AU
asc. node	-2139 May 22 j 04:39	10°♉57'28	
superior conj	-2139 May 24 j 09:28	13°♉39'46	0°05'13
minimum elong	-2139 May 24 j 08:26	13°♉36'35	0°05'12
behind sun begin	-2139 May 23 j 11:20	12°♉31'44	
behind sun end	-2139 May 25 j 05:31	14°♉41'27	
	-2139 Jun 06 j 15:54	0°♊	
evening rise	-2139 Jun 29 j 01:09	27°♊38'30	
	-2139 Jun 30 j 22:54	0°♋	
	-2139 Jul 25 j 04:11	0°♌	
	-2139 Aug 18 j 09:16	0°♍	
desc. node	-2139 Sep 10 j 20:37	29°♍00'26	
	-2139 Sep 11 j 15:57	0°♎	
	-2139 Oct 06 j 02:10	0°♏	
	-2139 Oct 30 j 18:57	0°♐	
	-2139 Nov 25 j 01:39	0°♑	
	-2139 Dec 21 j 18:16	0°♒	
evening max el	-2139 Dec 31 j 23:03	10°♒37'31	46°32'39
asc. node	-2138 Jan 01 j 20:46	11°♒32'05	
	-2138 Jan 22 j 07:01	0°♓	
greatest brilliancy	-2138 Feb 09 j 05:37	10°♓50'03	-4.8m
retrograde	-2138 Feb 20 j 01:17	13°♓00'11	
evening set	-2138 Mar 09 j 12:16	7°♓04'58	
inferior conj	-2138 Mar 13 j 09:25	4°♓38'31	7°35'59
minimum elong	-2138 Mar 13 j 16:31	4°♓27'12	7°35'07
min. Earth dist.	-2138 Mar 13 j 09:09	4°♓38'57	0.29059 AU
morning rise	-2138 Mar 17 j 21:01	1°♓50'58	
	-2138 Mar 21 j 04:33	30°℞♒	
direct	-2138 Apr 03 j 22:10	26°♒18'16	
greatest brilliancy	-2138 Apr 13 j 14:14	28°♒00'42	-4.7m
	-2138 Apr 18 j 11:20	0°♓	
desc. node	-2138 Apr 23 j 13:11	2°♓42'07	
morning max el	-2138 May 22 j 17:26	26°♓07'00	45°46'51
	-2138 May 26 j 17:52	0°♈	
	-2138 Jun 24 j 07:56	0°♉	
	-2138 Jul 20 j 16:23	0°♊	
asc. node	-2138 Aug 14 j 14:17	29°♊38'55	
	-2138 Aug 14 j 21:15	0°♋	
	-2138 Sep 08 j 08:48	0°♌	
	-2138 Oct 02 j 09:56	0°♍	
	-2138 Oct 26 j 06:16	0°♎	
	-2138 Nov 19 j 01:56	0°♏	
morning set	-2138 Nov 20 j 02:57	1°♏18'43	
desc. node	-2138 Dec 04 j 06:25	19°♏05'09	
	-2138 Dec 12 j 23:13	0°♐	
superior conj	-2137 Jan 01 j 05:50	24°♐06'57	-0°59'22
minimum elong	-2138 Dec 31 j 18:21	23°♐31'05	0°59'00
	-2137 Jan 05 j 22:59	0°♑	
max. Earth dist.	-2137 Jan 05 j 19:02	29°♐47'41	1.71821 AU
	-2137 Jan 30 j 01:37	0°♒	
evening rise	-2137 Feb 10 j 12:19	14°♒10'50	
	-2137 Feb 23 j 07:48	0°♓	
	-2137 Mar 19 j 18:32	0°♈	
asc. node	-2137 Mar 27 j 06:48	9°♈09'41	
	-2137 Apr 13 j 10:57	0°♉	
	-2137 May 08 j 10:33	0°♊	
	-2137 Jun 02 j 20:06	0°♋	
	-2137 Jun 28 j 22:09	0°♌	
desc. node	-2137 Jul 16 j 22:35	19°♌55'45	
	-2137 Jul 26 j 10:04	0°♍	
evening max el	-2137 Aug 07 j 12:19	12°♍15'03	46°43'33
	-2137 Aug 27 j 09:07	0°♎	
greatest brilliancy	-2137 Sep 17 j 09:49	12°♎22'16	-4.9m
retrograde	-2137 Sep 26 j 12:04	13°♎55'05	
evening set	-2137 Oct 12 j 02:31	9°♎12'40	
inferior conj	-2137 Oct 17 j 01:53	6°♎16'21	-5°05'41
minimum elong	-2137 Oct 17 j 11:47	6°♎01'17	5°03'03
min. Earth dist.	-2137 Oct 17 j 09:43	6°♎04'25	0.26434 AU
morning rise	-2137 Oct 22 j 20:49	2°♎53'04	
	-2137 Oct 29 j 09:25	30°℞♍	
direct	-2137 Nov 06 j 10:01	28°♍40'29	
asc. node	-2137 Nov 06 j 23:11	28°♍40'51	
	-2137 Nov 14 j 16:52	0°♎	
greatest brilliancy	-2137 Nov 16 j 21:37	0°♎45'39	-4.9m
	-2137 Dec 25 j 02:07	0°♏	
morning max el	-2137 Dec 26 j 21:48	1°♏49'40	46°45'25
	-2136 Jan 22 j 04:53	0°♐	
	-2136 Feb 17 j 11:35	0°♑	
desc. node	-2136 Feb 26 j 16:04	10°♑42'27	
	-2136 Mar 14 j 01:46	0°♒	
	-2136 Apr 08 j 07:18	0°♓	
	-2136 May 03 j 06:43	0°♈	
	-2136 May 28 j 00:31	0°♉	
asc. node	-2136 Jun 18 j 16:33	26°♉31'13	
	-2136 Jun 21 j 12:26	0°♊	
morning set	-2136 Jun 24 j 06:46	3°♊24'19	
	-2136 Jul 15 j 18:31	0°♋	
max. Earth dist.	-2136 Jul 26 j 16:32	13°♋35'28	1.72206 AU
superior conj	-2136 Jul 30 j 21:15	18°♋49'38	1°18'08
minimum elong	-2136 Jul 30 j 14:52	18°♋29'44	1°18'04
	-2136 Aug 08 j 19:51	0°♌	
	-2136 Sep 01 j 18:31	0°♍	
evening rise	-2136 Sep 06 j 15:38	6°♍07'11	
	-2136 Sep 25 j 16:42	0°♎	
desc. node	-2136 Oct 08 j 08:38	15°♎51'30	
	-2136 Oct 19 j 16:07	0°♏	
	-2136 Nov 12 j 18:00	0°♐	
	-2136 Dec 07 j 00:16	0°♑	
	-2136 Dec 31 j 14:58	0°♒	
	-2135 Jan 25 j 22:19	0°♓	
asc. node	-2135 Jan 29 j 08:46	3°♓58'32	
	-2135 Feb 21 j 15:44	0°♈	
evening max el	-2135 Mar 12 j 18:28	19°♈34'42	45°21'36
	-2135 Mar 24 j 03:47	0°♉	
greatest brilliancy	-2135 Apr 19 j 11:14	17°♉10'24	-4.7m
retrograde	-2135 Apr 30 j 05:26	19°♉15'20	
evening set	-2135 May 15 j 06:30	14°♉55'42	
desc. node	-2135 May 21 j 00:56	11°♉31'33	
inferior conj	-2135 May 21 j 16:37	11°♉07'11	-0°09'07
minimum elong	-2135 May 21 j 16:17	11°♉07'42	0°08'58
transit middle	-2135 May 21 j 16:17	11°♉07'42	0°08'58
transit begin	-2135 May 21 j 12:53	11°♉12'59	
transit end	-2135 May 21 j 19:40	11°♉02'26	
min. Earth dist.	-2135 May 22 j 03:29	10°♉50'17	0.28920 AU
morning rise	-2135 May 28 j 01:31	7°♉18'21	
direct	-2135 Jun 12 j 09:33	2°♉47'52	
greatest brilliancy	-2135 Jun 23 j 07:52	4°♉55'26	-4.7m
	-2135 Jul 28 j 06:34	0°♊	
morning max el	-2135 Jul 31 j 17:48	3°♊19'45	46°10'36
	-2135 Aug 26 j 03:07	0°♋	
asc. node	-2135 Sep 11 j 02:01	18°♋10'37	
	-2135 Sep 21 j 03:18	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2135 Oct 15 j 22:38	0°♍	
	-2135 Nov 09 j 04:52	0°♎	
	-2135 Dec 03 j 06:37	0°♏	
	-2135 Dec 27 j 08:22	0°♐	
desc. node	-2135 Dec 31 j 18:22	5°♐29'45	
	-2134 Jan 20 j 11:50	0°♑	
morning set	-2134 Feb 04 j 20:25	19°♑01'27	
	-2134 Feb 13 j 17:24	0°♒	
	-2134 Mar 10 j 00:57	0°♓	
superior conj	-2134 Mar 15 j 10:38	6°♓39'17	-1°15'07
minimum elong	-2134 Mar 15 j 18:21	7°♓03'01	1°14'58
max. Earth dist.	-2134 Mar 17 j 02:34	8°♓42'11	1.73339 AU
	-2134 Apr 03 j 10:20	0°♈	
evening rise	-2134 Apr 21 j 11:43	22°♈09'31	
asc. node	-2134 Apr 23 j 18:44	24°♈58'07	
	-2134 Apr 27 j 21:17	0°♉	
	-2134 May 22 j 09:35	0°♊	
	-2134 Jun 15 j 23:28	0°♋	
	-2134 Jul 10 j 16:09	0°♌	
	-2134 Aug 04 j 14:04	0°♍	
desc. node	-2134 Aug 13 j 10:36	10°♍34'04	
	-2134 Aug 29 j 21:27	0°♎	
	-2134 Sep 24 j 23:27	0°♏	
evening max el	-2134 Oct 19 j 08:16	26°♏15'58	47°30'49
	-2134 Oct 23 j 01:19	0°♐	
greatest brilliancy	-2134 Nov 28 j 23:42	28°♐09'19	-4.9m
asc. node	-2134 Dec 04 j 11:00	29°♐46'35	
	-2134 Dec 05 j 17:31	0°♑	
retrograde	-2134 Dec 09 j 11:52	0°♑17'22	
	-2134 Dec 13 j 04:40	30°℞♐	
evening set	-2134 Dec 24 j 21:21	25°♐30'00	
min. Earth dist.	-2134 Dec 29 j 05:23	22°♐52'53	0.27285 AU
inferior conj	-2134 Dec 30 j 07:35	22°♐11'53	5°54'52
minimum elong	-2134 Dec 29 j 21:54	22°♐27'02	5°52'38
morning rise	-2133 Jan 03 j 23:07	19°♐22'01	
direct	-2133 Jan 19 j 20:38	14°♐21'40	
greatest brilliancy	-2133 Jan 28 j 17:42	15°♐51'01	-4.8m
	-2133 Feb 21 j 04:36	0°♑	
morning max el	-2133 Mar 10 j 03:16	15°♑11'35	46°06'33
	-2133 Mar 24 j 19:47	0°♒	
desc. node	-2133 Mar 26 j 03:39	1°♒23'23	
	-2133 Apr 21 j 09:58	0°♓	
	-2133 May 17 j 15:17	0°♈	
	-2133 Jun 12 j 02:23	0°♉	
	-2133 Jul 07 j 00:09	0°♊	
asc. node	-2133 Jul 17 j 04:31	12°♊25'49	
	-2133 Jul 31 j 10:57	0°♋	
	-2133 Aug 24 j 13:18	0°♌	
morning set	-2133 Sep 03 j 04:59	12°♌06'18	
	-2133 Sep 17 j 10:23	0°♍	
	-2133 Oct 11 j 05:25	0°♎	
superior conj	-2133 Oct 12 j 14:10	1°♎43'13	0°53'03
minimum elong	-2133 Oct 13 j 01:06	2°♎17'42	0°52'38
max. Earth dist.	-2133 Oct 13 j 10:39	2°♎47'50	1.70949 AU
	-2133 Nov 04 j 00:52	0°♏	
desc. node	-2133 Nov 05 j 20:36	2°♏17'30	
evening rise	-2133 Nov 23 j 16:08	24°♏40'10	
	-2133 Nov 27 j 22:11	0°♐	
	-2133 Dec 21 j 22:17	0°♑	
	-2132 Jan 15 j 02:32	0°♒	
	-2132 Feb 08 j 13:22	0°♓	
asc. node	-2132 Feb 26 j 20:47	22°♓08'16	
	-2132 Mar 04 j 10:38	0°♈	
	-2132 Mar 30 j 00:17	0°♉	
	-2132 Apr 25 j 17:57	0°♊	
evening max el	-2132 May 22 j 20:13	27°♊50'43	45°24'56
	-2132 May 25 j 02:59	0°♋	
desc. node	-2132 Jun 17 j 12:54	19°♋02'21	
greatest brilliancy	-2132 Jun 30 j 16:29	25°♋42'23	-4.8m
retrograde	-2132 Jul 10 j 13:22	27°♋26'36	
evening set	-2132 Jul 27 j 14:56	22°♋00'29	
inferior conj	-2132 Jul 31 j 15:34	19°♋35'41	-8°12'42
minimum elong	-2132 Jul 31 j 08:23	19°♋46'39	8°11'52
min. Earth dist.	-2132 Aug 01 j 00:31	19°♋22'00	0.27934 AU
morning rise	-2132 Aug 04 j 01:38	17°♋31'46	
direct	-2132 Aug 21 j 21:40	11°♋35'29	
greatest brilliancy	-2132 Sep 01 j 19:39	13°♋47'51	-4.9m
	-2132 Sep 26 j 04:22	0°♌	
asc. node	-2132 Oct 08 j 13:38	11°♌37'46	
morning max el	-2132 Oct 11 j 11:40	14°♌34'07	46°48'05
	-2132 Oct 26 j 00:15	0°♍	
	-2132 Nov 21 j 04:35	0°♎	
	-2132 Dec 16 j 06:21	0°♏	
	-2131 Jan 09 j 23:12	0°♐	
desc. node	-2131 Jan 28 j 06:18	22°♐18'24	
	-2131 Feb 03 j 13:35	0°♑	
	-2131 Feb 28 j 03:27	0°♒	
	-2131 Mar 24 j 17:03	0°♓	
morning set	-2131 Apr 16 j 01:12	27°♓18'43	
	-2131 Apr 18 j 05:57	0°♈	
	-2131 May 12 j 17:27	0°♉	
max. Earth dist.	-2131 May 19 j 21:22	8°♉47'44	1.73595 AU
asc. node	-2131 May 21 j 06:46	10°♉30'22	
superior conj	-2131 May 22 j 04:27	11°♉36'59	0°02'09
minimum elong	-2131 May 22 j 04:00	11°♉35'36	0°02'10
behind sun begin	-2131 May 21 j 06:02	10°♉28'05	
behind sun end	-2131 May 23 j 01:58	12°♉43'08	
	-2131 Jun 06 j 02:52	0°♊	
evening rise	-2131 Jun 26 j 19:59	25°♊34'03	
	-2131 Jun 30 j 10:00	0°♋	
	-2131 Jul 24 j 15:31	0°♌	
	-2131 Aug 17 j 20:56	0°♍	
desc. node	-2131 Sep 09 j 22:37	28°♍29'19	
	-2131 Sep 11 j 04:04	0°♎	
	-2131 Oct 05 j 14:54	0°♏	
	-2131 Oct 30 j 08:36	0°♐	
	-2131 Nov 24 j 16:54	0°♑	
	-2131 Dec 21 j 13:22	0°♒	
evening max el	-2131 Dec 29 j 14:09	8°♒19'38	46°35'37
asc. node	-2131 Dec 31 j 23:02	10°♒42'06	
	-2130 Jan 22 j 21:28	0°♓	
greatest brilliancy	-2130 Feb 06 j 23:29	8°♓40'36	-4.8m
retrograde	-2130 Feb 17 j 17:54	10°♓49'50	
evening set	-2130 Mar 07 j 07:09	4°♓51'49	
inferior conj	-2130 Mar 11 j 02:13	2°♓28'22	7°44'09
minimum elong	-2130 Mar 11 j 08:50	2°♓17'46	7°43'23
min. Earth dist.	-2130 Mar 11 j 01:04	2°♓30'12	0.29028 AU
morning rise	-2130 Mar 15 j 10:45	29°♒45'02	
	-2130 Mar 15 j 00:48	30°℞♒	
direct	-2130 Apr 01 j 14:08	24°♒08'48	
greatest brilliancy	-2130 Apr 11 j 05:05	25°♒49'51	-4.7m
	-2130 Apr 20 j 06:54	0°♓	
desc. node	-2130 Apr 22 j 15:14	1°♓23'33	
morning max el	-2130 May 20 j 08:30	23°♓54'55	45°46'40
	-2130 May 26 j 14:32	0°♈	
	-2130 Jun 23 j 23:12	0°♉	
	-2130 Jul 20 j 05:39	0°♊	
asc. node	-2130 Aug 13 j 16:20	29°♊07'47	
	-2130 Aug 14 j 09:34	0°♋	
	-2130 Sep 07 j 20:38	0°♌	
	-2130 Oct 01 j 21:29	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2130 Oct 25 j 17:42	0°♎	
morning set	-2130 Nov 17 j 12:33	28°♎42'07	
	-2130 Nov 18 j 13:18	0°♏	
desc. node	-2130 Dec 03 j 08:32	18°♏36'15	
	-2130 Dec 12 j 10:32	0°♐	
superior conj	-2130 Dec 29 j 16:07	21°♐34'01	-0°56'32
minimum elong	-2130 Dec 29 j 04:39	20°♐58'13	0°56'10
max. Earth dist.	-2129 Jan 03 j 04:47	27°♐13'18	1.71762 AU
	-2129 Jan 05 j 10:13	0°♑	
	-2129 Jan 29 j 12:48	0°♒	
evening rise	-2129 Feb 08 j 01:40	11°♒49'06	
	-2129 Feb 22 j 18:58	0°♓	
	-2129 Mar 19 j 05:48	0°♈	
asc. node	-2129 Mar 26 j 08:50	8°♈41'26	
	-2129 Apr 12 j 22:32	0°♉	
	-2129 May 07 j 22:45	0°♊	
	-2129 Jun 02 j 09:25	0°♋	
	-2129 Jun 28 j 13:34	0°♌	
desc. node	-2129 Jul 16 j 00:42	19°♌12'53	
	-2129 Jul 26 j 06:19	0°♍	
evening max el	-2129 Aug 05 j 00:03	9°♍47'36	46°40'34
	-2129 Aug 28 j 03:03	0°♎	
greatest brilliancy	-2129 Sep 14 j 22:55	9°♎53'33	-4.9m
retrograde	-2129 Sep 23 j 23:26	11°♎25'15	
evening set	-2129 Oct 09 j 17:35	6°♎38'16	
inferior conj	-2129 Oct 14 j 13:54	3°♎46'39	-5°25'33
minimum elong	-2129 Oct 15 j 00:09	3°♎31'04	5°22'54
min. Earth dist.	-2129 Oct 14 j 23:12	3°♎32'30	0.26466 AU
morning rise	-2129 Oct 20 j 06:24	0°♎26'42	
	-2129 Oct 21 j 02:27	30°℞♍	
direct	-2129 Nov 03 j 21:54	26°♍09'57	
asc. node	-2129 Nov 06 j 01:18	26°♍15'30	
greatest brilliancy	-2129 Nov 14 j 11:53	28°♍17'15	-4.9m
	-2129 Nov 18 j 09:02	0°♎	
morning max el	-2129 Dec 24 j 10:58	29°♎22'32	46°46'27
	-2129 Dec 25 j 01:46	0°♏	
	-2128 Jan 21 j 21:42	0°♐	
	-2128 Feb 17 j 01:47	0°♑	
desc. node	-2128 Feb 25 j 18:00	10°♑08'12	
	-2128 Mar 13 j 14:33	0°♒	
	-2128 Apr 07 j 19:14	0°♓	
	-2128 May 02 j 18:08	0°♈	
	-2128 May 27 j 11:36	0°♉	
asc. node	-2128 Jun 17 j 18:45	26°♉04'23	
	-2128 Jun 20 j 23:21	0°♊	
morning set	-2128 Jun 22 j 00:58	1°♊18'52	
	-2128 Jul 15 j 05:25	0°♋	
max. Earth dist.	-2128 Jul 24 j 10:53	11°♋28'58	1.72270 AU
superior conj	-2128 Jul 28 j 14:10	16°♋38'28	1°16'50
minimum elong	-2128 Jul 28 j 07:20	16°♋17'08	1°16'45
	-2128 Aug 08 j 06:51	0°♌	
	-2128 Sep 01 j 05:40	0°♍	
evening rise	-2128 Sep 04 j 05:02	3°♍43'43	
	-2128 Sep 25 j 04:04	0°♎	
desc. node	-2128 Oct 07 j 10:41	15°♎22'06	
	-2128 Oct 19 j 03:41	0°♏	
	-2128 Nov 12 j 05:49	0°♐	
	-2128 Dec 06 j 12:26	0°♑	
	-2128 Dec 31 j 03:47	0°♒	
	-2127 Jan 25 j 12:26	0°♓	
asc. node	-2127 Jan 28 j 10:47	3°♓23'00	
	-2127 Feb 21 j 08:58	0°♈	
evening max el	-2127 Mar 10 j 10:23	17°♈24'07	45°23'14
	-2127 Mar 24 j 09:11	0°♉	
greatest brilliancy	-2127 Apr 17 j 02:44	15°♉01'31	-4.7m
retrograde	-2127 Apr 27 j 22:25	17°♉07'40	
evening set	-2127 May 12 j 23:42	12°♉46'28	
inferior conj	-2127 May 19 j 09:03	8°♉58'46	0°10'29
minimum elong	-2127 May 19 j 09:26	8°♉58'10	0°10'24
transit middle	-2127 May 19 j 09:26	8°♉58'10	0°10'24
transit begin	-2127 May 19 j 06:19	9°♉03'01	
transit end	-2127 May 19 j 12:34	8°♉53'18	
min. Earth dist.	-2127 May 19 j 19:51	8°♉41'58	0.28942 AU
desc. node	-2127 May 20 j 03:06	8°♉30'43	
morning rise	-2127 May 25 j 18:43	5°♉09'06	
direct	-2127 Jun 10 j 02:19	0°♉39'02	
greatest brilliancy	-2127 Jun 20 j 23:53	2°♉46'22	-4.7m
	-2127 Jul 28 j 05:35	0°♊	
morning max el	-2127 Jul 29 j 10:43	1°♊10'29	46°09'14
	-2127 Aug 25 j 19:06	0°♋	
asc. node	-2127 Sep 10 j 04:04	17°♋34'40	
	-2127 Sep 20 j 16:59	0°♌	
	-2127 Oct 15 j 11:17	0°♍	
	-2127 Nov 08 j 16:59	0°♎	
	-2127 Dec 02 j 18:22	0°♏	
	-2127 Dec 26 j 19:49	0°♐	
desc. node	-2127 Dec 30 j 20:32	5°♐00'56	
	-2126 Jan 19 j 23:04	0°♑	
morning set	-2126 Feb 02 j 09:03	16°♑37'35	
	-2126 Feb 13 j 04:26	0°♒	
	-2126 Mar 09 j 11:52	0°♓	
superior conj	-2126 Mar 13 j 02:46	4°♓27'37	-1°16'35
minimum elong	-2126 Mar 13 j 10:04	4°♓50'07	1°16'28
max. Earth dist.	-2126 Mar 14 j 21:42	6°♓39'50	1.73303 AU
	-2126 Apr 02 j 21:12	0°♈	
evening rise	-2126 Apr 19 j 06:00	20°♈05'11	
asc. node	-2126 Apr 22 j 20:54	24°♈31'25	
	-2126 Apr 27 j 08:11	0°♉	
	-2126 May 21 j 20:39	0°♊	
	-2126 Jun 15 j 10:53	0°♋	
	-2126 Jul 10 j 04:09	0°♌	
	-2126 Aug 04 j 02:58	0°♍	
desc. node	-2126 Aug 12 j 12:35	10°♍00'27	
	-2126 Aug 29 j 11:49	0°♎	
	-2126 Sep 24 j 16:37	0°♏	
evening max el	-2126 Oct 17 j 00:10	23°♏56'26	47°30'51
	-2126 Oct 23 j 02:06	0°♐	
greatest brilliancy	-2126 Nov 26 j 14:09	25°♐44'19	-4.9m
asc. node	-2126 Dec 03 j 13:14	27°♐36'44	
retrograde	-2126 Dec 07 j 02:46	27°♐52'16	
evening set	-2126 Dec 22 j 08:30	23°♐09'30	
min. Earth dist.	-2126 Dec 26 j 18:58	20°♐28'58	0.27212 AU
inferior conj	-2126 Dec 27 j 21:17	19°♐47'48	5°38'22
minimum elong	-2126 Dec 27 j 11:42	20°♐02'48	5°36'05
morning rise	-2125 Jan 01 j 15:40	16°♐54'18	
direct	-2125 Jan 17 j 10:15	11°♐58'59	
greatest brilliancy	-2125 Jan 26 j 06:41	13°♐28'13	-4.8m
	-2125 Feb 21 j 13:58	0°♑	
morning max el	-2125 Mar 07 j 18:01	12°♑55'18	46°07'48
	-2125 Mar 24 j 14:11	0°♒	
desc. node	-2125 Mar 25 j 05:46	0°♒41'04	
	-2125 Apr 21 j 00:28	0°♓	
	-2125 May 17 j 04:02	0°♈	
	-2125 Jun 11 j 14:13	0°♉	
	-2125 Jul 06 j 11:27	0°♊	
asc. node	-2125 Jul 16 j 06:33	11°♊57'48	
	-2125 Jul 30 j 21:59	0°♋	
	-2125 Aug 24 j 00:13	0°♌	
morning set	-2125 Aug 31 j 19:25	9°♌46'42	
	-2125 Sep 16 j 21:18	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2125 Oct 10 j 01:15	29°♍12'16	0°56'00
minimum elong	-2125 Oct 10 j 12:17	29°♍47'02	0°55'35
max. Earth dist.	-2125 Oct 10 j 16:07	29°♍59'09	1.70962 AU
	-2125 Oct 10 j 16:23	0°♎	
	-2125 Nov 03 j 11:55	0°♏	
desc. node	-2125 Nov 04 j 22:47	1°♏49'36	
evening rise	-2125 Nov 21 j 01:13	22°♏03'12	
	-2125 Nov 27 j 09:19	0°♐	
	-2125 Dec 21 j 09:32	0°♑	
	-2124 Jan 14 j 13:55	0°♒	
	-2124 Feb 08 j 01:01	0°♓	
asc. node	-2124 Feb 25 j 22:50	21°♓38'19	
	-2124 Mar 03 j 22:53	0°♈	
	-2124 Mar 29 j 13:47	0°♉	
	-2124 Apr 25 j 10:12	0°♊	
evening max el	-2124 May 20 j 11:00	25°♊36'40	45°23'20
	-2124 May 25 j 03:42	0°♋	
desc. node	-2124 Jun 16 j 15:01	17°♋43'30	
greatest brilliancy	-2124 Jun 28 j 05:39	23°♋25'26	-4.7m
retrograde	-2124 Jul 08 j 02:33	25°♋09'49	
evening set	-2124 Jul 25 j 01:26	19°♋49'00	
inferior conj	-2124 Jul 29 j 05:49	17°♋18'38	-8°04'00
minimum elong	-2124 Jul 28 j 22:04	17°♋30'31	8°03'02
min. Earth dist.	-2124 Jul 29 j 14:40	17°♋05'06	0.27975 AU
morning rise	-2124 Aug 01 j 18:27	15°♋10'40	
direct	-2124 Aug 19 j 12:19	9°♋17'46	
greatest brilliancy	-2124 Aug 30 j 10:30	11°♋29'38	-4.9m
	-2124 Sep 26 j 10:06	0°♌	
asc. node	-2124 Oct 07 j 15:46	10°♌45'48	
morning max el	-2124 Oct 09 j 00:36	12°♌08'51	46°47'11
	-2124 Oct 25 j 18:06	0°♍	
	-2124 Nov 20 j 19:10	0°♎	
	-2124 Dec 15 j 19:29	0°♏	
	-2123 Jan 09 j 11:30	0°♐	
desc. node	-2123 Jan 27 j 08:15	21°♐48'07	
	-2123 Feb 03 j 01:20	0°♑	
	-2123 Feb 27 j 14:47	0°♒	
	-2123 Mar 24 j 04:02	0°♓	
morning set	-2123 Apr 13 j 19:08	25°♓13'43	
	-2123 Apr 17 j 16:42	0°♈	
	-2123 May 12 j 04:07	0°♉	
max. Earth dist.	-2123 May 17 j 17:20	6°♉48'54	1.73615 AU
superior conj	-2123 May 19 j 23:03	9°♉33'54	-0°00'59
minimum elong	-2123 May 19 j 23:15	9°♉34'29	0°00'56
behind sun begin	-2123 May 19 j 01:11	8°♉26'43	
behind sun end	-2123 May 20 j 21:18	10°♉42'16	
asc. node	-2123 May 20 j 08:58	10°♉04'24	
	-2123 Jun 05 j 13:35	0°♊	
evening rise	-2123 Jun 24 j 14:46	23°♊30'22	
	-2123 Jun 29 j 20:50	0°♋	
	-2123 Jul 24 j 02:34	0°♌	
	-2123 Aug 17 j 08:18	0°♍	
desc. node	-2123 Sep 09 j 00:43	27°♍59'37	
	-2123 Sep 10 j 15:51	0°♎	
	-2123 Oct 05 j 03:16	0°♏	
	-2123 Oct 29 j 21:54	0°♐	
	-2123 Nov 24 j 07:53	0°♑	
	-2123 Dec 21 j 08:37	0°♒	
evening max el	-2123 Dec 27 j 04:22	6°♒00'17	46°38'18
asc. node	-2123 Dec 31 j 00:59	9°♒51'16	
	-2122 Jan 23 j 16:40	0°♓	
greatest brilliancy	-2122 Feb 04 j 16:57	6°♓30'35	-4.8m
retrograde	-2122 Feb 15 j 10:05	8°♓39'16	
evening set	-2122 Mar 05 j 01:34	2°♓38'25	
inferior conj	-2122 Mar 08 j 18:44	0°♓17'53	7°51'33
minimum elong	-2122 Mar 09 j 00:51	0°♓08'07	7°50'55
min. Earth dist.	-2122 Mar 08 j 16:57	0°♓20'45	0.29001 AU
	-2122 Mar 09 j 05:56	30°℞♒	
morning rise	-2122 Mar 13 j 00:19	27°♒38'47	
direct	-2122 Mar 30 j 05:31	21°♒58'45	
greatest brilliancy	-2122 Apr 08 j 20:19	23°♒39'19	-4.7m
desc. node	-2122 Apr 21 j 17:23	0°♓07'33	
	-2122 Apr 21 j 12:41	0°♓	
morning max el	-2122 May 17 j 23:28	21°♓42'55	45°46'40
	-2122 May 26 j 10:22	0°♈	
	-2122 Jun 23 j 14:01	0°♉	
	-2122 Jul 19 j 18:33	0°♊	
asc. node	-2122 Aug 12 j 18:20	28°♊37'29	
	-2122 Aug 13 j 21:33	0°♋	
	-2122 Sep 07 j 08:07	0°♌	
	-2122 Oct 01 j 08:44	0°♍	
	-2122 Oct 25 j 04:48	0°♎	
morning set	-2122 Nov 14 j 22:41	26°♎08'16	
	-2122 Nov 18 j 00:18	0°♏	
desc. node	-2122 Dec 02 j 10:40	18°♏08'35	
	-2122 Dec 11 j 21:27	0°♐	
superior conj	-2122 Dec 27 j 02:38	19°♐03'00	-0°53'35
minimum elong	-2122 Dec 26 j 15:18	18°♐27'35	0°53'13
max. Earth dist.	-2122 Dec 31 j 13:14	24°♐35'56	1.71709 AU
	-2121 Jan 04 j 21:05	0°♑	
	-2121 Jan 28 j 23:37	0°♒	
evening rise	-2121 Feb 05 j 15:00	9°♒28'10	
	-2121 Feb 22 j 05:51	0°♓	
	-2121 Mar 18 j 16:51	0°♈	
asc. node	-2121 Mar 25 j 10:58	8°♈14'05	
	-2121 Apr 12 j 09:56	0°♉	
	-2121 May 07 j 10:47	0°♊	
	-2121 Jun 01 j 22:37	0°♋	
	-2121 Jun 28 j 04:59	0°♌	
desc. node	-2121 Jul 15 j 02:41	18°♌29'43	
	-2121 Jul 26 j 02:59	0°♍	
evening max el	-2121 Aug 02 j 12:08	7°♍21'58	46°37'40
	-2121 Aug 29 j 02:41	0°♎	
greatest brilliancy	-2121 Sep 12 j 11:21	7°♎24'56	-4.9m
retrograde	-2121 Sep 21 j 11:16	8°♎56'16	
evening set	-2121 Oct 07 j 08:40	4°♎04'21	
inferior conj	-2121 Oct 12 j 01:49	1°♎17'33	-5°44'44
minimum elong	-2121 Oct 12 j 12:21	1°♎01'35	5°42'06
min. Earth dist.	-2121 Oct 12 j 12:18	1°♎01'41	0.26498 AU
	-2121 Oct 14 j 05:14	30°℞♍	
morning rise	-2121 Oct 17 j 15:41	28°♍01'30	
direct	-2121 Nov 01 j 10:14	23°♍40'04	
asc. node	-2121 Nov 05 j 03:27	23°♍56'42	
greatest brilliancy	-2121 Nov 12 j 01:41	25°♍49'12	-4.9m
	-2121 Nov 20 j 09:20	0°♎	
morning max el	-2121 Dec 22 j 01:00	26°♎58'36	46°47'37
	-2121 Dec 25 j 00:01	0°♏	
	-2120 Jan 21 j 13:50	0°♐	
	-2120 Feb 16 j 15:27	0°♑	
desc. node	-2120 Feb 24 j 20:11	9°♑35'52	
	-2120 Mar 13 j 02:57	0°♒	
	-2120 Apr 07 j 06:54	0°♓	
	-2120 May 02 j 05:20	0°♈	
	-2120 May 26 j 22:32	0°♉	
asc. node	-2120 Jun 16 j 20:46	25°♉37'25	
morning set	-2120 Jun 19 j 18:56	29°♉13'14	
	-2120 Jun 20 j 10:08	0°♊	
	-2120 Jul 14 j 16:09	0°♋	
max. Earth dist.	-2120 Jul 22 j 04:38	9°♋21'11	1.72328 AU
superior conj	-2120 Jul 26 j 06:53	14°♋27'17	1°15'25
minimum elong	-2120 Jul 25 j 23:37	14°♋04'39	1°15'19

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2120 Aug 07 j 17:40	0°♌	
	-2120 Aug 31 j 16:39	0°♍	
evening rise	-2120 Sep 01 j 18:28	1°♍20'54	
	-2120 Sep 24 j 15:15	0°♎	
desc. node	-2120 Oct 06 j 12:51	14°♎53'35	
	-2120 Oct 18 j 15:05	0°♏	
	-2120 Nov 11 j 17:28	0°♐	
	-2120 Dec 06 j 00:26	0°♑	
	-2120 Dec 30 j 16:25	0°♒	
	-2119 Jan 25 j 02:23	0°♓	
asc. node	-2119 Jan 27 j 12:52	2°♓48'18	
	-2119 Feb 21 j 02:17	0°♈	
evening max el	-2119 Mar 08 j 02:52	15°♈15'31	45°24'45
	-2119 Mar 24 j 16:35	0°♉	
greatest brilliancy	-2119 Apr 14 j 18:20	12°♉53'11	-4.7m
retrograde	-2119 Apr 25 j 15:10	14°♉59'59	
evening set	-2119 May 10 j 17:02	10°♉37'17	
inferior conj	-2119 May 17 j 01:25	6°♉50'22	0°30'04
minimum elong	-2119 May 17 j 02:31	6°♉48'39	0°29'46
min. Earth dist.	-2119 May 17 j 12:03	6°♉33'48	0.28968 AU
desc. node	-2119 May 19 j 05:13	5°♉30'04	
morning rise	-2119 May 23 j 11:40	2°♉59'55	
	-2119 May 30 j 02:45	30°℞♈	
direct	-2119 Jun 07 j 19:22	28°♈30'17	
	-2119 Jun 16 j 20:50	0°♉	
greatest brilliancy	-2119 Jun 18 j 15:29	0°♉36'41	-4.7m
morning max el	-2119 Jul 27 j 03:23	29°♉00'42	46°07'50
	-2119 Jul 28 j 03:43	0°♊	
	-2119 Aug 25 j 10:49	0°♋	
asc. node	-2119 Sep 09 j 06:18	16°♋59'33	
	-2119 Sep 20 j 06:30	0°♌	
	-2119 Oct 14 j 23:49	0°♍	
	-2119 Nov 08 j 04:58	0°♎	
	-2119 Dec 02 j 06:00	0°♏	
	-2119 Dec 26 j 07:10	0°♐	
desc. node	-2119 Dec 29 j 22:28	4°♐31'47	
	-2118 Jan 19 j 10:11	0°♑	
morning set	-2118 Jan 30 j 21:50	14°♑14'25	
	-2118 Feb 12 j 15:22	0°♒	
	-2118 Mar 08 j 22:40	0°♓	
superior conj	-2118 Mar 10 j 19:01	2°♓16'37	-1°17'55
minimum elong	-2118 Mar 11 j 01:53	2°♓37'46	1°17'50
max. Earth dist.	-2118 Mar 12 j 19:09	4°♓44'51	1.73264 AU
	-2118 Apr 02 j 07:57	0°♈	
evening rise	-2118 Apr 17 j 00:24	18°♈01'23	
asc. node	-2118 Apr 21 j 23:02	24°♈04'51	
	-2118 Apr 26 j 19:01	0°♉	
	-2118 May 21 j 07:43	0°♊	
	-2118 Jun 14 j 22:23	0°♋	
	-2118 Jul 09 j 16:17	0°♌	
	-2118 Aug 03 j 16:02	0°♍	
desc. node	-2118 Aug 11 j 14:42	9°♍26'46	
	-2118 Aug 29 j 02:24	0°♎	
	-2118 Sep 24 j 10:10	0°♏	
evening max el	-2118 Oct 14 j 15:59	21°♏36'33	47°30'50
	-2118 Oct 23 j 04:13	0°♐	
greatest brilliancy	-2118 Nov 24 j 05:02	23°♐19'43	-4.9m
asc. node	-2118 Dec 02 j 15:15	25°♐21'22	
retrograde	-2118 Dec 04 j 17:19	25°♐26'43	
evening set	-2118 Dec 19 j 19:50	20°♐48'39	
min. Earth dist.	-2118 Dec 24 j 08:51	18°♐04'25	0.27137 AU
inferior conj	-2118 Dec 25 j 10:59	17°♐23'31	5°21'16
minimum elong	-2118 Dec 25 j 01:33	17°♐38'17	5°18'55
morning rise	-2118 Dec 30 j 08:06	14°♐26'15	
direct	-2117 Jan 14 j 23:45	9°♐36'11	
greatest brilliancy	-2117 Jan 23 j 20:01	11°♐05'22	-4.8m
	-2117 Feb 21 j 20:48	0°♑	
morning max el	-2117 Mar 05 j 08:02	10°♑37'05	46°09'09
desc. node	-2117 Mar 24 j 07:54	29°♑59'24	
	-2117 Mar 24 j 08:08	0°♒	
	-2117 Apr 20 j 14:46	0°♓	
	-2117 May 16 j 16:42	0°♈	
	-2117 Jun 11 j 02:02	0°♉	
	-2117 Jul 05 j 22:49	0°♊	
asc. node	-2117 Jul 15 j 08:37	11°♊29'35	
	-2117 Jul 30 j 09:09	0°♋	
	-2117 Aug 23 j 11:21	0°♌	
morning set	-2117 Aug 29 j 09:36	7°♌25'47	
	-2117 Sep 16 j 08:26	0°♍	
superior conj	-2117 Oct 07 j 12:15	26°♍40'29	0°58'49
minimum elong	-2117 Oct 07 j 23:17	27°♍15'17	0°58'26
max. Earth dist.	-2117 Oct 07 j 17:47	26°♍57'56	1.70974 AU
	-2117 Oct 10 j 03:33	0°♎	
	-2117 Nov 02 j 23:08	0°♏	
desc. node	-2117 Nov 04 j 00:49	1°♏20'45	
evening rise	-2117 Nov 18 j 10:05	19°♏25'03	
	-2117 Nov 26 j 20:37	0°♐	
	-2117 Dec 20 j 20:55	0°♑	
	-2116 Jan 14 j 01:26	0°♒	
	-2116 Feb 07 j 12:50	0°♓	
asc. node	-2116 Feb 25 j 01:02	21°♓08'16	
	-2116 Mar 03 j 11:19	0°♈	
	-2116 Mar 29 j 03:30	0°♉	
	-2116 Apr 25 j 02:51	0°♊	
evening max el	-2116 May 18 j 00:56	23°♊20'26	45°21'46
	-2116 May 25 j 05:50	0°♋	
desc. node	-2116 Jun 15 j 16:59	16°♋21'37	
greatest brilliancy	-2116 Jun 25 j 18:44	21°♋08'14	-4.7m
retrograde	-2116 Jul 05 j 15:46	22°♋53'09	
evening set	-2116 Jul 22 j 11:54	17°♋37'17	
inferior conj	-2116 Jul 26 j 20:11	15°♋01'24	-7°54'26
minimum elong	-2116 Jul 26 j 11:52	15°♋14'08	7°53'19
min. Earth dist.	-2116 Jul 27 j 05:04	14°♋47'47	0.28024 AU
morning rise	-2116 Jul 30 j 11:31	12°♋49'15	
direct	-2116 Aug 17 j 02:48	6°♋59'30	
greatest brilliancy	-2116 Aug 28 j 02:12	9°♋11'51	-4.8m
	-2116 Sep 26 j 14:22	0°♌	
morning max el	-2116 Oct 06 j 13:38	9°♌42'46	46°46'15
asc. node	-2116 Oct 06 j 17:53	9°♌53'34	
	-2116 Oct 25 j 11:58	0°♍	
	-2116 Nov 20 j 09:57	0°♎	
	-2116 Dec 15 j 08:50	0°♏	
	-2115 Jan 09 j 00:01	0°♐	
desc. node	-2115 Jan 26 j 10:26	21°♐17'55	
	-2115 Feb 02 j 13:16	0°♑	
	-2115 Feb 27 j 02:17	0°♒	
	-2115 Mar 23 j 15:14	0°♓	
morning set	-2115 Apr 11 j 13:14	23°♓08'31	
	-2115 Apr 17 j 03:42	0°♈	
	-2115 May 11 j 15:01	0°♉	
max. Earth dist.	-2115 May 15 j 13:58	4°♉51'27	1.73633 AU
superior conj	-2115 May 17 j 18:05	7°♉31'31	-0°04'03
minimum elong	-2115 May 17 j 18:52	7°♉33'56	0°03'59
behind sun begin	-2115 May 16 j 21:17	6°♉27'38	
behind sun end	-2115 May 18 j 16:27	8°♉40'15	
asc. node	-2115 May 19 j 10:57	9°♉37'02	
	-2115 Jun 05 j 00:30	0°♊	
evening rise	-2115 Jun 22 j 10:01	21°♊27'39	
	-2115 Jun 29 j 07:53	0°♋	
	-2115 Jul 23 j 13:52	0°♌	
	-2115 Aug 16 j 19:58	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2115 Sep 08 j 02:53	27°♍28'52	
	-2115 Sep 10 j 04:02	0°♎	
	-2115 Oct 04 j 16:08	0°♏	
	-2115 Oct 29 j 11:44	0°♐	
	-2115 Nov 23 j 23:31	0°♑	
	-2115 Dec 21 j 04:53	0°♒	
evening max el	-2115 Dec 24 j 18:33	3°♒39'33	46°41'17
asc. node	-2115 Dec 30 j 03:07	8°♒58'49	
	-2114 Jan 24 j 19:40	0°♓	
greatest brilliancy	-2114 Feb 02 j 09:55	4°♓18'57	-4.8m
retrograde	-2114 Feb 13 j 02:39	6°♓28'02	
evening set	-2114 Mar 02 j 19:53	0°♓24'16	
	-2114 Mar 03 j 11:38	30°℞♒	
inferior conj	-2114 Mar 06 j 11:21	28°♒06'33	7°58'21
minimum elong	-2114 Mar 06 j 16:53	27°♒57'41	7°57'51
min. Earth dist.	-2114 Mar 06 j 08:42	28°♒10'45	0.28969 AU
morning rise	-2114 Mar 10 j 14:03	25°♒31'49	
direct	-2114 Mar 27 j 20:57	19°♒47'45	
greatest brilliancy	-2114 Apr 06 j 11:40	21°♒28'12	-4.7m
desc. node	-2114 Apr 20 j 19:30	28°♒52'58	
	-2114 Apr 22 j 10:40	0°♓	
morning max el	-2114 May 15 j 15:22	19°♓32'22	45°46'50
	-2114 May 26 j 05:55	0°♈	
	-2114 Jun 23 j 04:56	0°♉	
	-2114 Jul 19 j 07:38	0°♊	
asc. node	-2114 Aug 11 j 20:36	28°♊07'20	
	-2114 Aug 13 j 09:44	0°♋	
	-2114 Sep 06 j 19:52	0°♌	
	-2114 Sep 30 j 20:16	0°♍	
	-2114 Oct 24 j 16:15	0°♎	
morning set	-2114 Nov 12 j 08:33	23°♎32'14	
	-2114 Nov 17 j 11:44	0°♏	
desc. node	-2114 Dec 01 j 12:41	17°♏39'12	
	-2114 Dec 11 j 08:49	0°♐	
superior conj	-2114 Dec 24 j 12:29	16°♐28'23	-0°50'30
minimum elong	-2114 Dec 24 j 01:23	15°♐53'39	0°50'06
max. Earth dist.	-2114 Dec 28 j 19:24	21°♐50'02	1.71655 AU
	-2113 Jan 04 j 08:22	0°♑	
	-2113 Jan 28 j 10:52	0°♒	
evening rise	-2113 Feb 03 j 03:52	7°♒04'36	
	-2113 Feb 21 j 17:07	0°♓	
	-2113 Mar 18 j 04:17	0°♈	
asc. node	-2113 Mar 24 j 13:06	7°♈45'34	
	-2113 Apr 11 j 21:44	0°♉	
	-2113 May 06 j 23:14	0°♊	
	-2113 Jun 01 j 12:14	0°♋	
	-2113 Jun 27 j 20:55	0°♌	
desc. node	-2113 Jul 14 j 04:54	17°♌46'02	
	-2113 Jul 26 j 00:35	0°♍	
evening max el	-2113 Jul 31 j 01:21	4°♍58'52	46°34'49
	-2113 Aug 30 j 11:32	0°♎	
greatest brilliancy	-2113 Sep 09 j 23:05	4°♎55'42	-4.9m
retrograde	-2113 Sep 18 j 23:38	6°♎27'20	
evening set	-2113 Oct 04 j 23:59	1°♎30'27	
	-2113 Oct 07 j 14:15	30°℞♍	
inferior conj	-2113 Oct 09 j 13:56	28°♍48'15	-6°02'57
minimum elong	-2113 Oct 10 j 00:39	28°♍32'03	6°00'24
min. Earth dist.	-2113 Oct 10 j 01:02	28°♍31'27	0.26539 AU
morning rise	-2113 Oct 15 j 00:59	25°♍36'26	
direct	-2113 Oct 29 j 23:24	21°♍10'09	
asc. node	-2113 Nov 04 j 05:30	21°♍43'11	
greatest brilliancy	-2113 Nov 09 j 15:08	23°♍20'09	-4.9m
	-2113 Nov 21 j 18:13	0°♎	
morning max el	-2113 Dec 19 j 15:41	24°♎35'01	46°48'25
	-2113 Dec 24 j 21:57	0°♏	
	-2112 Jan 21 j 06:11	0°♐	
	-2112 Feb 16 j 05:30	0°♑	
desc. node	-2112 Feb 23 j 22:20	9°♑02'13	
	-2112 Mar 12 j 15:44	0°♒	
	-2112 Apr 06 j 18:54	0°♓	
	-2112 May 01 j 16:51	0°♈	
	-2112 May 26 j 09:45	0°♉	
asc. node	-2112 Jun 15 j 22:52	25°♉09'51	
morning set	-2112 Jun 17 j 13:12	27°♉07'44	
	-2112 Jun 19 j 21:12	0°♊	
	-2112 Jul 14 j 03:11	0°♋	
max. Earth dist.	-2112 Jul 19 j 21:03	7°♋08'32	1.72382 AU
superior conj	-2112 Jul 24 j 00:07	12°♋16'56	1°13'54
minimum elong	-2112 Jul 23 j 16:31	11°♋53'14	1°13'47
	-2112 Aug 07 j 04:46	0°♌	
evening rise	-2112 Aug 30 j 08:34	28°♌59'28	
	-2112 Aug 31 j 03:53	0°♍	
	-2112 Sep 24 j 02:40	0°♎	
desc. node	-2112 Oct 05 j 14:53	14°♎24'00	
	-2112 Oct 18 j 02:43	0°♏	
	-2112 Nov 11 j 05:23	0°♐	
	-2112 Dec 05 j 12:47	0°♑	
	-2112 Dec 30 j 05:30	0°♒	
	-2111 Jan 24 j 16:56	0°♓	
asc. node	-2111 Jan 26 j 15:05	2°♓12'24	
	-2111 Feb 20 j 20:28	0°♈	
evening max el	-2111 Mar 05 j 19:30	13°♈05'57	45°26'26
	-2111 Mar 25 j 03:21	0°♉	
greatest brilliancy	-2111 Apr 12 j 10:40	10°♉44'42	-4.7m
retrograde	-2111 Apr 23 j 07:38	12°♉51'23	
evening set	-2111 May 08 j 10:36	8°♉27'16	
inferior conj	-2111 May 14 j 17:51	4°♉41'17	0°49'26
minimum elong	-2111 May 14 j 19:39	4°♉38'28	0°48'57
min. Earth dist.	-2111 May 15 j 04:23	4°♉24'51	0.28987 AU
desc. node	-2111 May 18 j 07:12	2°♉29'46	
morning rise	-2111 May 21 j 04:27	0°♉50'05	
	-2111 May 22 j 18:27	30°℞♈	
direct	-2111 Jun 05 j 12:29	26°♈21'02	
greatest brilliancy	-2111 Jun 16 j 06:52	28°♈26'02	-4.7m
	-2111 Jun 20 j 00:15	0°♉	
morning max el	-2111 Jul 24 j 19:17	26°♉48'33	46°06'30
	-2111 Jul 28 j 01:16	0°♊	
	-2111 Aug 25 j 02:30	0°♋	
asc. node	-2111 Sep 08 j 08:19	16°♋23'31	
	-2111 Sep 19 j 20:06	0°♌	
	-2111 Oct 14 j 12:26	0°♍	
	-2111 Nov 07 j 17:02	0°♎	
	-2111 Dec 01 j 17:43	0°♏	
	-2111 Dec 25 j 18:39	0°♐	
desc. node	-2111 Dec 29 j 00:39	4°♐02'54	
	-2110 Jan 18 j 21:29	0°♑	
morning set	-2110 Jan 28 j 10:18	11°♑49'33	
	-2110 Feb 12 j 02:32	0°♒	
superior conj	-2110 Mar 08 j 10:48	0°♓03'20	-1°19'10
minimum elong	-2110 Mar 08 j 17:09	0°♓22'54	1°19'05
	-2110 Mar 08 j 09:44	0°♓	
max. Earth dist.	-2110 Mar 10 j 16:04	2°♓47'26	1.73223 AU
	-2110 Apr 01 j 18:57	0°♈	
evening rise	-2110 Apr 14 j 18:18	15°♈55'18	
asc. node	-2110 Apr 21 j 01:02	23°♈37'11	
	-2110 Apr 26 j 06:05	0°♉	
	-2110 May 20 j 19:00	0°♊	
	-2110 Jun 14 j 10:04	0°♋	
	-2110 Jul 09 j 04:36	0°♌	
	-2110 Aug 03 j 05:19	0°♍	
desc. node	-2110 Aug 10 j 16:51	8°♍52'36	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2110 Aug 28 j 17:16	0°♎		
	-2110 Sep 24 j 04:09	0°♏		
evening max el	-2110 Oct 12 j 07:08	19°♏14'57	47°30'43	
	-2110 Oct 23 j 07:46	0°♐		
greatest brilliancy	-2110 Nov 21 j 20:31	20°♐56'07	-4.9m	
asc. node	-2110 Dec 01 j 17:20	23°♐01'05		
retrograde	-2110 Dec 02 j 07:24	23°♐01'30		
evening set	-2110 Dec 17 j 07:30	18°♐27'58		
min. Earth dist.	-2110 Dec 21 j 23:15	15°♐39'50	0.27066 AU	
inferior conj	-2110 Dec 23 j 00:50	14°♐59'48	5°03'37	
minimum elong	-2110 Dec 22 j 15:38	15°♐14'11	5°01'13	
morning rise	-2110 Dec 28 j 00:36	11°♐58'41		
direct	-2109 Jan 12 j 13:03	7°♐13'48		
greatest brilliancy	-2109 Jan 21 j 10:07	8°♐43'29	-4.8m	
	-2109 Feb 22 j 01:33	0°♑		
morning max el	-2109 Mar 02 j 21:13	8°♑16'26	46°10'18	
desc. node	-2109 Mar 23 j 09:57	29°♑17'42		
	-2109 Mar 24 j 01:47	0°♒		
	-2109 Apr 20 j 05:05	0°♓		
	-2109 May 16 j 05:27	0°♈		
	-2109 Jun 10 j 13:55	0°♉		
	-2109 Jul 05 j 10:14	0°♊		
asc. node	-2109 Jul 14 j 10:50	11°♊01'44		
	-2109 Jul 29 j 20:20	0°♋		
	-2109 Aug 22 j 22:27	0°♌		
morning set	-2109 Aug 26 j 23:53	5°♌05'16		
	-2109 Sep 15 j 19:32	0°♍		
superior conj	-2109 Oct 04 j 23:33	24°♍09'43	1°01'30	
minimum elong	-2109 Oct 05 j 10:32	24°♍44'21	1°01'09	
max. Earth dist.	-2109 Oct 04 j 19:16	23°♍56'13	1.70991 AU	
	-2109 Oct 09 j 14:42	0°♎		
	-2109 Nov 02 j 10:20	0°♏		
desc. node	-2109 Nov 03 j 02:53	0°♏52'00		
evening rise	-2109 Nov 15 j 19:11	16°♏47'45		
	-2109 Nov 26 j 07:52	0°♐		
	-2109 Dec 20 j 08:14	0°♑		
	-2108 Jan 13 j 12:54	0°♒		
	-2108 Feb 07 j 00:37	0°♓		
asc. node	-2108 Feb 24 j 03:04	20°♓37'49		
	-2108 Mar 02 j 23:46	0°♈		
	-2108 Mar 28 j 17:21	0°♉		
	-2108 Apr 24 j 19:53	0°♊		
evening max el	-2108 May 15 j 14:33	21°♊03'27	45°20'23	
	-2108 May 25 j 09:36	0°♋		
desc. node	-2108 Jun 14 j 19:12	14°♋57'26		
greatest brilliancy	-2108 Jun 23 j 07:33	18°♋50'50	-4.7m	
retrograde	-2108 Jul 03 j 05:32	20°♋36'58		
evening set	-2108 Jul 19 j 22:24	15°♋25'43		
inferior conj	-2108 Jul 24 j 10:34	12°♋44'32	-7°44'13	
minimum elong	-2108 Jul 24 j 01:46	12°♋57'59	7°42'55	
min. Earth dist.	-2108 Jul 24 j 19:24	12°♋31'01	0.28070 AU	
morning rise	-2108 Jul 28 j 04:47	10°♋28'12		
direct	-2108 Aug 14 j 17:15	4°♋41'36		
greatest brilliancy	-2108 Aug 25 j 18:03	6°♋54'54	-4.8m	
	-2108 Sep 26 j 16:49	0°♌		
morning max el	-2108 Oct 04 j 03:15	7°♌18'50	46°45'18	
asc. node	-2108 Oct 05 j 19:59	9°♌02'43		
	-2108 Oct 25 j 05:16	0°♍		
	-2108 Nov 20 j 00:24	0°♎		
	-2108 Dec 14 j 21:55	0°♏		
	-2107 Jan 08 j 12:17	0°♐		
desc. node	-2107 Jan 25 j 12:34	20°♐48'16		
	-2107 Feb 02 j 00:58	0°♑		
	-2107 Feb 26 j 13:33	0°♒		
	-2107 Mar 23 j 02:12	0°♓		
morning set	-2107 Apr 09 j 07:17	21°♓03'38		
	-2107 Apr 16 j 14:30	0°♈		
	-2107 May 11 j 01:46	0°♉		
max. Earth dist.	-2107 May 13 j 11:15	2°♉56'28	1.73654 AU	
superior conj	-2107 May 15 j 12:57	5°♉29'03	-0°07'06	
minimum elong	-2107 May 15 j 14:21	5°♉33'22	0°07'01	
behind sun begin	-2107 May 14 j 18:16	4°♉31'40		
behind sun end	-2107 May 16 j 10:26	6°♉35'04		
asc. node	-2107 May 18 j 13:06	9°♉10'40		
	-2107 Jun 04 j 11:17	0°♊		
evening rise	-2107 Jun 20 j 05:06	19°♊24'53		
	-2107 Jun 28 j 18:49	0°♋		
	-2107 Jul 23 j 01:02	0°♌		
	-2107 Aug 16 j 07:29	0°♍		
desc. node	-2107 Sep 07 j 04:52	26°♍58'14		
	-2107 Sep 09 j 16:03	0°♎		
	-2107 Oct 04 j 04:49	0°♏		
	-2107 Oct 29 j 01:26	0°♐		
	-2107 Nov 23 j 15:08	0°♑		
	-2107 Dec 21 j 01:30	0°♒		
evening max el	-2107 Dec 22 j 09:24	1°♒21'14	46°44'17	
asc. node	-2107 Dec 29 j 05:22	8°♒06'26		
	-2106 Jan 26 j 09:51	0°♓		
greatest brilliancy	-2106 Jan 31 j 02:15	2°♓07'15	-4.8m	
retrograde	-2106 Feb 10 j 19:42	4°♓17'28		
	-2106 Feb 25 j 11:13	30°℞♒		
evening set	-2106 Feb 28 j 13:56	28°♒10'57		
inferior conj	-2106 Mar 04 j 03:52	25°♒55'45	8°04'29	
minimum elong	-2106 Mar 04 j 08:50	25°♒47'51	8°04'04	
min. Earth dist.	-2106 Mar 04 j 00:01	26°♒01'54	0.28937 AU	
morning rise	-2106 Mar 08 j 03:53	23°♒25'21		
direct	-2106 Mar 25 j 12:36	17°♒37'26		
greatest brilliancy	-2106 Apr 04 j 02:29	19°♒17'28	-4.7m	
desc. node	-2106 Apr 19 j 21:31	27°♒41'20		
	-2106 Apr 23 j 02:31	0°♓		
morning max el	-2106 May 13 j 07:52	17°♓24'15	45°46'55	
	-2106 May 26 j 00:37	0°♈		
	-2106 Jun 22 j 19:24	0°♉		
	-2106 Jul 18 j 20:24	0°♊		
asc. node	-2106 Aug 10 j 22:38	27°♊37'13		
	-2106 Aug 12 j 21:40	0°♋		
	-2106 Sep 06 j 07:21	0°♌		
	-2106 Sep 30 j 07:32	0°♍		
	-2106 Oct 24 j 03:25	0°♎		
morning set	-2106 Nov 09 j 18:30	20°♎57'26		
	-2106 Nov 16 j 22:49	0°♏		
desc. node	-2106 Nov 30 j 14:50	17°♏11'17		
	-2106 Dec 10 j 19:51	0°♐		
superior conj	-2106 Dec 21 j 22:10	13°♐54'06	-0°47'16	
minimum elong	-2106 Dec 21 j 11:23	13°♐20'22	0°46'52	
max. Earth dist.	-2106 Dec 26 j 03:35	19°♐11'15	1.71606 AU	
	-2105 Jan 03 j 19:21	0°♑		
	-2105 Jan 27 j 21:48	0°♒		
evening rise	-2105 Jan 31 j 16:42	4°♒41'50		
	-2105 Feb 21 j 04:05	0°♓		
	-2105 Mar 17 j 15:23	0°♈		
asc. node	-2105 Mar 23 j 15:09	7°♈17'51		
	-2105 Apr 11 j 09:10	0°♉		
	-2105 May 06 j 11:21	0°♊		
	-2105 Jun 01 j 01:38	0°♋		
	-2105 Jun 27 j 12:49	0°♌		
desc. node	-2105 Jul 13 j 06:58	17°♌02'00		
	-2105 Jul 25 j 22:48	0°♍		
evening max el	-2105 Jul 28 j 15:12	2°♍38'01	46°31'48	
	-2105 Sep 01 j 11:40	0°♎		
greatest brilliancy	-2105 Sep 07 j 10:30	2°♎26'42	-4.9m	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2105 Sep 16 j 11:55	3°♎58'30	
	-2105 Sep 30 j 17:04	30°℞♍	
evening set	-2105 Oct 02 j 15:17	28°♍56'57	
inferior conj	-2105 Oct 07 j 01:52	26°♍19'19	-6°20'36
minimum elong	-2105 Oct 07 j 12:41	26°♍02'58	6°18'08
min. Earth dist.	-2105 Oct 07 j 13:23	26°♍01'54	0.26577 AU
morning rise	-2105 Oct 12 j 09:50	23°♍11'55	
direct	-2105 Oct 27 j 12:35	18°♍40'55	
asc. node	-2105 Nov 03 j 07:39	19°♍35'38	
greatest brilliancy	-2105 Nov 07 j 03:54	20°♍50'55	-4.9m
	-2105 Nov 22 j 17:30	0°♎	
morning max el	-2105 Dec 17 j 05:45	22°♎10'54	46°49'09
	-2105 Dec 24 j 18:42	0°♏	
	-2104 Jan 20 j 21:53	0°♐	
	-2104 Feb 15 j 19:01	0°♑	
desc. node	-2104 Feb 23 j 00:17	8°♑29'22	
	-2104 Mar 12 j 04:04	0°♒	
	-2104 Apr 06 j 06:30	0°♓	
	-2104 May 01 j 03:58	0°♈	
	-2104 May 25 j 20:34	0°♉	
morning set	-2104 Jun 15 j 07:39	25°♉03'57	
asc. node	-2104 Jun 15 j 01:05	24°♉43'47	
	-2104 Jun 19 j 07:53	0°♊	
	-2104 Jul 13 j 13:53	0°♋	
max. Earth dist.	-2104 Jul 17 j 12:34	4°♋54'12	1.72443 AU
superior conj	-2104 Jul 21 j 17:25	10°♋07'57	1°12'18
minimum elong	-2104 Jul 21 j 09:31	9°♋43'20	1°12'09
	-2104 Aug 06 j 15:34	0°♌	
evening rise	-2104 Aug 27 j 22:34	26°♌38'36	
	-2104 Aug 30 j 14:52	0°♍	
	-2104 Sep 23 j 13:51	0°♎	
desc. node	-2104 Oct 04 j 16:57	13°♎55'11	
	-2104 Oct 17 j 14:07	0°♏	
	-2104 Nov 10 j 17:03	0°♐	
	-2104 Dec 05 j 00:53	0°♑	
	-2104 Dec 29 j 18:20	0°♒	
	-2103 Jan 24 j 07:17	0°♓	
asc. node	-2103 Jan 25 j 17:05	1°♓36'42	
	-2103 Feb 20 j 14:42	0°♈	
evening max el	-2103 Mar 03 j 11:35	10°♈55'55	45°28'07
	-2103 Mar 25 j 17:12	0°♉	
greatest brilliancy	-2103 Apr 10 j 03:43	8°♉38'09	-4.7m
retrograde	-2103 Apr 20 j 23:49	10°♉44'03	
evening set	-2103 May 06 j 04:23	6°♉18'23	
inferior conj	-2103 May 12 j 10:23	2°♉33'36	1°08'46
minimum elong	-2103 May 12 j 12:52	2°♉29'43	1°08'04
min. Earth dist.	-2103 May 12 j 21:03	2°♉16'54	0.29004 AU
	-2103 May 16 j 14:19	30°℞♈	
desc. node	-2103 May 17 j 09:24	29°♈32'04	
morning rise	-2103 May 18 j 21:08	28°♈41'43	
direct	-2103 Jun 03 j 05:17	24°♈13'14	
greatest brilliancy	-2103 Jun 13 j 22:29	26°♈16'55	-4.7m
	-2103 Jun 21 j 19:35	0°♉	
morning max el	-2103 Jul 22 j 10:16	24°♉35'19	46°05'10
	-2103 Jul 27 j 21:39	0°♊	
	-2103 Aug 24 j 17:37	0°♋	
asc. node	-2103 Sep 07 j 10:26	15°♋48'57	
	-2103 Sep 19 j 09:19	0°♌	
	-2103 Oct 14 j 00:46	0°♍	
	-2103 Nov 07 j 04:53	0°♎	
	-2103 Dec 01 j 05:14	0°♏	
	-2103 Dec 25 j 05:54	0°♐	
desc. node	-2103 Dec 28 j 02:47	3°♐34'37	
	-2102 Jan 18 j 08:32	0°♑	
morning set	-2102 Jan 25 j 22:26	9°♑24'24	
	-2102 Feb 11 j 13:25	0°♒	
superior conj	-2102 Mar 06 j 02:30	27°♒50'36	-1°20'17
minimum elong	-2102 Mar 06 j 08:16	28°♒08'23	1°20'14
	-2102 Mar 07 j 20:29	0°♓	
max. Earth dist.	-2102 Mar 08 j 12:35	0°♓49'37	1.73179 AU
	-2102 Apr 01 j 05:41	0°♈	
evening rise	-2102 Apr 12 j 12:11	13°♈49'57	
asc. node	-2102 Apr 20 j 03:13	23°♈10'49	
	-2102 Apr 25 j 16:53	0°♉	
	-2102 May 20 j 06:02	0°♊	
	-2102 Jun 13 j 21:30	0°♋	
	-2102 Jul 08 j 16:40	0°♌	
	-2102 Aug 02 j 18:23	0°♍	
desc. node	-2102 Aug 09 j 18:51	8°♍18'42	
	-2102 Aug 28 j 08:01	0°♎	
	-2102 Sep 23 j 22:22	0°♏	
evening max el	-2102 Oct 09 j 21:04	16°♏50'28	47°30'14
	-2102 Oct 23 j 13:05	0°♐	
greatest brilliancy	-2102 Nov 19 j 12:05	18°♐31'54	-4.9m
retrograde	-2102 Nov 29 j 20:44	20°♐35'22	
asc. node	-2102 Nov 30 j 19:34	20°♐34'15	
evening set	-2102 Dec 14 j 18:55	16°♐05'58	
min. Earth dist.	-2102 Dec 19 j 13:42	13°♐13'45	0.26997 AU
inferior conj	-2102 Dec 20 j 14:21	12°♐35'12	4°44'57
minimum elong	-2102 Dec 20 j 05:28	12°♐49'06	4°42'34
morning rise	-2102 Dec 25 j 16:46	9°♐30'17	
direct	-2101 Jan 10 j 01:33	4°♐50'20	
greatest brilliancy	-2101 Jan 19 j 00:27	6°♐21'14	-4.8m
	-2101 Feb 22 j 04:30	0°♑	
morning max el	-2101 Feb 28 j 09:44	5°♑54'12	46°11'43
desc. node	-2101 Mar 22 j 12:06	28°♑37'16	
	-2101 Mar 23 j 18:52	0°♒	
	-2101 Apr 19 j 19:01	0°♓	
	-2101 May 15 j 17:54	0°♈	
	-2101 Jun 10 j 01:34	0°♉	
	-2101 Jul 04 j 21:27	0°♊	
asc. node	-2101 Jul 13 j 12:51	10°♊33'53	
	-2101 Jul 29 j 07:20	0°♋	
	-2101 Aug 22 j 09:21	0°♌	
morning set	-2101 Aug 24 j 14:37	2°♌46'50	
	-2101 Sep 15 j 06:26	0°♍	
superior conj	-2101 Oct 02 j 11:11	21°♍40'35	1°04'03
minimum elong	-2101 Oct 02 j 22:02	22°♍14'45	1°03'42
max. Earth dist.	-2101 Oct 02 j 01:02	21°♍08'33	1.71017 AU
	-2101 Oct 09 j 01:40	0°♎	
	-2101 Nov 01 j 21:25	0°♏	
desc. node	-2101 Nov 02 j 05:04	0°♏24'01	
evening rise	-2101 Nov 13 j 04:16	14°♏10'40	
	-2101 Nov 25 j 19:04	0°♐	
	-2101 Dec 19 j 19:32	0°♑	
	-2100 Jan 13 j 00:20	0°♒	
	-2100 Feb 06 j 12:23	0°♓	
asc. node	-2100 Feb 23 j 05:09	20°♓07'35	
	-2100 Mar 02 j 12:13	0°♈	
	-2100 Mar 28 j 07:15	0°♉	
	-2100 Apr 24 j 13:09	0°♊	
evening max el	-2100 May 13 j 04:42	18°♊48'14	45°19'11
	-2100 May 25 j 15:04	0°♋	
desc. node	-2100 Jun 13 j 21:18	13°♋30'46	
greatest brilliancy	-2100 Jun 20 j 19:58	16°♋33'39	-4.7m
retrograde	-2100 Jun 30 j 19:56	18°♋21'37	
evening set	-2100 Jul 17 j 09:03	13°♋14'45	
inferior conj	-2100 Jul 22 j 01:02	10°♋28'19	-7°33'14
minimum elong	-2100 Jul 21 j 15:50	10°♋42'22	7°31'47
min. Earth dist.	-2100 Jul 22 j 09:32	10°♋15'20	0.28114 AU
morning rise	-2100 Jul 25 j 22:15	8°♋07'47	
direct	-2100 Aug 12 j 08:09	2°♋24'25	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2100 Aug 23 j 09:29	4°♋38'17	-4.8m
	-2100 Sep 26 j 17:43	0°♌	
morning max el	-2100 Oct 01 j 17:54	4°♌58'15	46°44'25
asc. node	-2100 Oct 04 j 22:08	8°♌13'22	
	-2100 Oct 24 j 22:04	0°♍	
	-2100 Nov 19 j 14:37	0°♎	
	-2100 Dec 14 j 10:53	0°♏	
	-2099 Jan 08 j 00:31	0°♐	
desc. node	-2099 Jan 24 j 14:31	20°♐17'58	
	-2099 Feb 01 j 12:41	0°♑	
	-2099 Feb 26 j 00:53	0°♒	
	-2099 Mar 22 j 13:14	0°♓	
morning set	-2099 Apr 07 j 00:59	18°♓57'33	
	-2099 Apr 16 j 01:20	0°♈	
	-2099 May 10 j 12:32	0°♉	
max. Earth dist.	-2099 May 11 j 10:21	1°♉06'58	1.73671 AU
superior conj	-2099 May 13 j 07:38	3°♉25'59	-0°10'10
minimum elong	-2099 May 13 j 09:38	3°♉32'10	0°10'02
behind sun begin	-2099 May 12 j 16:17	2°♉38'52	
behind sun end	-2099 May 14 j 03:00	4°♉25'28	
asc. node	-2099 May 17 j 15:14	8°♉44'09	
	-2099 Jun 03 j 22:06	0°♊	
evening rise	-2099 Jun 18 j 00:17	17°♊22'23	
	-2099 Jun 28 j 05:47	0°♋	
	-2099 Jul 22 j 12:16	0°♌	
	-2099 Aug 15 j 19:05	0°♍	
desc. node	-2099 Sep 06 j 07:00	26°♍27'49	
	-2099 Sep 09 j 04:08	0°♎	
	-2099 Oct 03 j 17:34	0°♏	
	-2099 Oct 28 j 15:14	0°♐	
	-2099 Nov 23 j 06:58	0°♑	
evening max el	-2099 Dec 20 j 01:06	29°♑04'48	46°47'03
	-2099 Dec 20 j 22:55	0°♒	
asc. node	-2099 Dec 28 j 07:19	7°♒12'05	
greatest brilliancy	-2098 Jan 28 j 18:10	29°♒54'15	-4.8m
	-2098 Jan 29 j 00:10	0°♓	
retrograde	-2098 Feb 08 j 12:56	2°♓05'44	
	-2098 Feb 18 j 14:40	30°℞♒	
evening set	-2098 Feb 26 j 07:42	25°♒56'49	
inferior conj	-2098 Mar 01 j 20:15	23°♒43'48	8°09'53
minimum elong	-2098 Mar 02 j 00:36	23°♒36'51	8°09'33
min. Earth dist.	-2098 Mar 01 j 14:54	23°♒52'19	0.28902 AU
morning rise	-2098 Mar 05 j 17:43	21°♒17'29	
direct	-2098 Mar 23 j 04:38	15°♒26'05	
greatest brilliancy	-2098 Apr 01 j 16:41	17°♒05'08	-4.7m
desc. node	-2098 Apr 18 j 23:42	26°♒31'14	
	-2098 Apr 23 j 14:42	0°♓	
morning max el	-2098 May 11 j 00:39	15°♓16'15	45°47'03
	-2098 May 25 j 19:02	0°♈	
	-2098 Jun 22 j 09:52	0°♉	
	-2098 Jul 18 j 09:13	0°♊	
asc. node	-2098 Aug 10 j 00:40	27°♊06'52	
	-2098 Aug 12 j 09:41	0°♋	
	-2098 Sep 05 j 18:57	0°♌	
	-2098 Sep 29 j 18:55	0°♍	
	-2098 Oct 23 j 14:43	0°♎	
morning set	-2098 Nov 07 j 04:56	18°♎23'44	
	-2098 Nov 16 j 10:03	0°♏	
desc. node	-2098 Nov 29 j 16:56	16°♏42'46	
	-2098 Dec 10 j 07:00	0°♐	
superior conj	-2098 Dec 19 j 08:05	11°♐20'04	-0°43'57
minimum elong	-2098 Dec 18 j 21:44	10°♐47'39	0°43'34
max. Earth dist.	-2098 Dec 23 j 15:01	16°♐42'07	1.71557 AU
	-2097 Jan 03 j 06:26	0°♑	
	-2097 Jan 27 j 08:53	0°♒	

evening rise	-2097 Jan 29 j 05:39	2°♒18'50	
	-2097 Feb 20 j 15:14	0°♓	
	-2097 Mar 17 j 02:43	0°♈	
asc. node	-2097 Mar 22 j 17:18	6°♈49'46	
	-2097 Apr 10 j 20:53	0°♉	
	-2097 May 05 j 23:46	0°♊	
	-2097 May 31 j 15:23	0°♋	
	-2097 Jun 27 j 05:13	0°♌	
desc. node	-2097 Jul 12 j 08:59	16°♌16'40	
	-2097 Jul 25 j 22:10	0°♍	
evening max el	-2097 Jul 26 j 05:04	0°♍16'46	46°28'44
greatest brilliancy	-2097 Sep 04 j 22:21	29°♍58'03	-4.9m
	-2097 Sep 05 j 00:48	0°♎	
retrograde	-2097 Sep 13 j 23:51	1°♎29'18	
	-2097 Sep 22 j 14:05	30°℞♍	
evening set	-2097 Sep 30 j 06:45	26°♍23'16	
inferior conj	-2097 Oct 04 j 13:56	23°♍50'09	-6°37'24
minimum elong	-2097 Oct 05 j 00:44	23°♍33'46	6°35'02
min. Earth dist.	-2097 Oct 05 j 01:59	23°♍31'53	0.26616 AU
morning rise	-2097 Oct 09 j 18:32	20°♍47'12	
direct	-2097 Oct 25 j 01:42	16°♍11'25	
asc. node	-2097 Nov 02 j 09:48	17°♍32'43	
greatest brilliancy	-2097 Nov 04 j 16:52	18°♍21'13	-4.9m
	-2097 Nov 23 j 11:04	0°♎	
morning max el	-2097 Dec 14 j 19:02	19°♎43'53	46°49'58
	-2097 Dec 24 j 15:02	0°♏	
	-2096 Jan 20 j 13:33	0°♐	
	-2096 Feb 15 j 08:38	0°♑	
desc. node	-2096 Feb 22 j 02:28	7°♑56'42	
	-2096 Mar 11 j 16:33	0°♒	
	-2096 Apr 05 j 18:19	0°♓	
	-2096 Apr 30 j 15:21	0°♈	
	-2096 May 25 j 07:41	0°♉	
morning set	-2096 Jun 13 j 02:02	22°♉59'09	
asc. node	-2096 Jun 14 j 03:04	24°♉16'07	
	-2096 Jun 18 j 18:51	0°♊	
	-2096 Jul 13 j 00:50	0°♋	
max. Earth dist.	-2096 Jul 15 j 03:54	2°♋38'37	1.72502 AU
superior conj	-2096 Jul 19 j 10:47	7°♋58'26	1°10'35
minimum elong	-2096 Jul 19 j 02:36	7°♋33'01	1°10'24
	-2096 Aug 06 j 02:38	0°♌	
evening rise	-2096 Aug 25 j 12:47	24°♌17'46	
	-2096 Aug 30 j 02:06	0°♍	
	-2096 Sep 23 j 01:19	0°♎	
desc. node	-2096 Oct 03 j 19:07	13°♎25'44	
	-2096 Oct 17 j 01:50	0°♏	
	-2096 Nov 10 j 05:04	0°♐	
	-2096 Dec 04 j 13:20	0°♑	
	-2096 Dec 29 j 07:32	0°♒	
	-2095 Jan 23 j 22:03	0°♓	
asc. node	-2095 Jan 24 j 19:13	1°♓00'22	
	-2095 Feb 20 j 09:40	0°♈	
evening max el	-2095 Mar 01 j 02:45	8°♈42'52	45°29'51
	-2095 Mar 26 j 12:16	0°♉	
greatest brilliancy	-2095 Apr 07 j 21:02	6°♉31'12	-4.7m
retrograde	-2095 Apr 18 j 15:51	8°♉36'17	
evening set	-2095 May 03 j 22:21	4°♉08'38	
inferior conj	-2095 May 10 j 03:03	0°♉25'28	1°27'54
minimum elong	-2095 May 10 j 06:12	0°♉20'31	1°27'00
min. Earth dist.	-2095 May 10 j 14:09	0°♉08'04	0.29023 AU
	-2095 May 10 j 19:17	30°℞♈	
desc. node	-2095 May 16 j 11:28	26°♈36'12	
morning rise	-2095 May 16 j 13:46	26°♈33'02	
direct	-2095 May 31 j 21:39	22°♈04'45	
greatest brilliancy	-2095 Jun 11 j 14:50	24°♈07'50	-4.7m
	-2095 Jun 23 j 01:44	0°♉	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2095 Jul 20 j 00:59	22°♉20'32	46°03'55
	-2095 Jul 27 j 17:47	0°♊	
	-2095 Aug 24 j 08:51	0°♋	
asc. node	-2095 Sep 06 j 12:37	15°♋13'59	
	-2095 Sep 18 j 22:45	0°♌	
	-2095 Oct 13 j 13:19	0°♍	
	-2095 Nov 06 j 16:57	0°♎	
	-2095 Nov 30 j 17:00	0°♏	
	-2095 Dec 24 j 17:27	0°♐	
desc. node	-2095 Dec 27 j 04:44	3°♐04'44	
	-2094 Jan 17 j 19:54	0°♑	
morning set	-2094 Jan 23 j 10:24	6°♑57'35	
	-2094 Feb 11 j 00:36	0°♒	
superior conj	-2094 Mar 03 j 18:12	25°♒36'58	-1°21'17
minimum elong	-2094 Mar 03 j 23:22	25°♒52'52	1°21'15
max. Earth dist.	-2094 Mar 06 j 07:41	28°♒46'29	1.73129 AU
	-2094 Mar 07 j 07:32	0°♓	
	-2094 Mar 31 j 16:41	0°♈	
evening rise	-2094 Apr 10 j 06:05	11°♈43'48	
asc. node	-2094 Apr 19 j 05:20	22°♈43'27	
	-2094 Apr 25 j 03:58	0°♉	
	-2094 May 19 j 17:22	0°♊	
	-2094 Jun 13 j 09:17	0°♋	
	-2094 Jul 08 j 05:07	0°♌	
	-2094 Aug 02 j 07:53	0°♍	
desc. node	-2094 Aug 08 j 20:58	7°♍43'58	
	-2094 Aug 27 j 23:18	0°♎	
	-2094 Sep 23 j 17:22	0°♏	
evening max el	-2094 Oct 07 j 10:02	14°♏22'42	47°29'45
	-2094 Oct 23 j 20:59	0°♐	
greatest brilliancy	-2094 Nov 17 j 03:24	16°♐06'08	-4.9m
retrograde	-2094 Nov 27 j 10:02	18°♐08'06	
asc. node	-2094 Nov 29 j 21:33	18°♐00'27	
evening set	-2094 Dec 12 j 06:21	13°♐42'06	
min. Earth dist.	-2094 Dec 17 j 04:06	10°♐46'09	0.26934 AU
inferior conj	-2094 Dec 18 j 03:45	10°♐09'13	4°25'36
minimum elong	-2094 Dec 17 j 19:13	10°♐22'32	4°23'15
morning rise	-2094 Dec 23 j 08:47	7°♐00'45	
direct	-2093 Jan 07 j 13:40	2°♐25'09	
greatest brilliancy	-2093 Jan 16 j 14:56	3°♐57'47	-4.8m
	-2093 Feb 22 j 06:26	0°♑	
morning max el	-2093 Feb 25 j 22:54	3°♑32'15	46°13'16
desc. node	-2093 Mar 21 j 14:11	27°♑56'13	
	-2093 Mar 23 j 11:57	0°♒	
	-2093 Apr 19 j 09:06	0°♓	
	-2093 May 15 j 06:32	0°♈	
	-2093 Jun 09 j 13:25	0°♉	
	-2093 Jul 04 j 08:54	0°♊	
asc. node	-2093 Jul 12 j 14:57	10°♊05'31	
	-2093 Jul 28 j 18:36	0°♋	
	-2093 Aug 21 j 20:33	0°♌	
morning set	-2093 Aug 22 j 05:21	0°♌27'32	
	-2093 Sep 14 j 17:39	0°♍	
superior conj	-2093 Sep 29 j 22:48	19°♍10'25	1°06'27
minimum elong	-2093 Sep 30 j 09:23	19°♍43'48	1°06'08
max. Earth dist.	-2093 Sep 29 j 09:04	18°♍27'07	1.71041 AU
	-2093 Oct 08 j 12:56	0°♎	
desc. node	-2093 Nov 01 j 07:05	29°♎54'42	
	-2093 Nov 01 j 08:46	0°♏	
evening rise	-2093 Nov 10 j 13:17	11°♏32'42	
	-2093 Nov 25 j 06:29	0°♐	
	-2093 Dec 19 j 07:04	0°♑	
	-2092 Jan 12 j 12:03	0°♒	
	-2092 Feb 06 j 00:27	0°♓	
asc. node	-2092 Feb 22 j 07:20	19°♓36'42	
	-2092 Mar 02 j 01:01	0°♈	
	-2092 Mar 27 j 21:33	0°♉	
	-2092 Apr 24 j 07:03	0°♊	
evening max el	-2092 May 10 j 19:43	16°♊34'47	45°18'10
	-2092 May 25 j 23:00	0°♋	
desc. node	-2092 Jun 12 j 23:15	12°♋00'39	
greatest brilliancy	-2092 Jun 18 j 08:02	14°♋16'01	-4.7m
retrograde	-2092 Jun 28 j 10:42	16°♋06'01	
evening set	-2092 Jul 14 j 19:53	11°♋03'32	
inferior conj	-2092 Jul 19 j 15:33	8°♋11'49	-7°21'33
minimum elong	-2092 Jul 19 j 06:01	8°♋26'22	7°19'57
min. Earth dist.	-2092 Jul 19 j 23:25	7°♋59'48	0.28160 AU
morning rise	-2092 Jul 23 j 15:50	5°♋46'57	
direct	-2092 Aug 09 j 23:38	0°♋07'06	
greatest brilliancy	-2092 Aug 21 j 00:23	2°♋20'45	-4.8m
	-2092 Sep 26 j 17:45	0°♌	
morning max el	-2092 Sep 29 j 09:23	2°♌39'13	46°43'18
asc. node	-2092 Oct 04 j 00:14	7°♌23'55	
	-2092 Oct 24 j 14:53	0°♍	
	-2092 Nov 19 j 04:57	0°♎	
	-2092 Dec 14 j 00:01	0°♏	
	-2091 Jan 07 j 12:54	0°♐	
desc. node	-2091 Jan 23 j 16:44	19°♐48'02	
	-2091 Feb 01 j 00:32	0°♑	
	-2091 Feb 25 j 12:21	0°♒	
	-2091 Mar 22 j 00:25	0°♓	
morning set	-2091 Apr 04 j 18:34	16°♓50'27	
	-2091 Apr 15 j 12:21	0°♈	
max. Earth dist.	-2091 May 09 j 10:04	29°♈18'51	1.73680 AU
	-2091 May 09 j 23:28	0°♉	
superior conj	-2091 May 11 j 02:17	1°♉22'21	-0°13'14
minimum elong	-2091 May 11 j 04:54	1°♉30'23	0°13'04
behind sun begin	-2091 May 10 j 16:16	0°♉51'34	
behind sun end	-2091 May 11 j 17:32	2°♉09'11	
asc. node	-2091 May 16 j 17:15	8°♉16'52	
	-2091 Jun 03 j 09:02	0°♊	
evening rise	-2091 Jun 15 j 19:34	15°♊19'57	
	-2091 Jun 27 j 16:51	0°♋	
	-2091 Jul 21 j 23:35	0°♌	
	-2091 Aug 15 j 06:49	0°♍	
desc. node	-2091 Sep 05 j 09:08	25°♍56'56	
	-2091 Sep 08 j 16:24	0°♎	
	-2091 Oct 03 j 06:33	0°♏	
	-2091 Oct 28 j 05:20	0°♐	
	-2091 Nov 22 j 23:15	0°♑	
evening max el	-2091 Dec 17 j 17:21	26°♑49'04	46°49'54
	-2091 Dec 20 j 21:23	0°♒	
asc. node	-2091 Dec 27 j 09:27	6°♒16'31	
greatest brilliancy	-2090 Jan 26 j 10:11	27°♒40'42	-4.8m
retrograde	-2090 Feb 06 j 06:01	29°♒52'56	
evening set	-2090 Feb 24 j 01:06	23°♒42'16	
min. Earth dist.	-2090 Feb 27 j 05:26	21°♒42'08	0.28862 AU
inferior conj	-2090 Feb 27 j 12:28	21°♒30'56	8°14'38
minimum elong	-2090 Feb 27 j 16:10	21°♒25'01	8°14'24
morning rise	-2090 Mar 03 j 07:30	19°♒08'27	
direct	-2090 Mar 20 j 20:48	13°♒14'06	
greatest brilliancy	-2090 Mar 30 j 06:11	14°♒51'25	-4.7m
desc. node	-2090 Apr 18 j 01:47	25°♒22'33	
	-2090 Apr 23 j 23:55	0°♓	
morning max el	-2090 May 08 j 17:10	13°♓07'20	45°47'12
	-2090 May 25 j 13:06	0°♈	
	-2090 Jun 22 j 00:12	0°♉	
	-2090 Jul 17 j 21:57	0°♊	
asc. node	-2090 Aug 09 j 02:55	26°♊37'19	
	-2090 Aug 11 j 21:36	0°♋	
	-2090 Sep 05 j 06:28	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2090 Sep 29 j 06:16	0°♍	
	-2090 Oct 23 j 02:00	0°♎	
morning set	-2090 Nov 04 j 15:14	15°♎49'33	
	-2090 Nov 15 j 21:17	0°♏	
desc. node	-2090 Nov 28 j 18:57	16°♏13'53	
	-2090 Dec 09 j 18:12	0°♐	
superior conj	-2090 Dec 16 j 17:26	8°♐44'01	-0°40'30
minimum elong	-2090 Dec 16 j 07:38	8°♐13'20	0°40'07
max. Earth dist.	-2090 Dec 21 j 02:14	14°♐12'06	1.71507 AU
	-2089 Jan 02 j 17:34	0°♑	
evening rise	-2089 Jan 26 j 17:55	29°♑53'32	
	-2089 Jan 26 j 20:00	0°♒	
	-2089 Feb 20 j 02:23	0°♓	
	-2089 Mar 16 j 14:03	0°♈	
asc. node	-2089 Mar 21 j 19:22	6°♈21'22	
	-2089 Apr 10 j 08:36	0°♉	
	-2089 May 05 j 12:15	0°♊	
	-2089 May 31 j 05:13	0°♋	
	-2089 Jun 26 j 21:50	0°♌	
desc. node	-2089 Jul 11 j 11:11	15°♌31'39	
evening max el	-2089 Jul 23 j 18:24	27°♌54'48	46°25'45
	-2089 Jul 25 j 22:24	0°♍	
greatest brilliancy	-2089 Sep 02 j 10:45	27°♍31'03	-4.9m
retrograde	-2089 Sep 11 j 11:23	29°♍01'16	
evening set	-2089 Sep 27 j 22:18	23°♍50'52	
inferior conj	-2089 Oct 02 j 02:08	21°♍22'17	-6°53'08
minimum elong	-2089 Oct 02 j 12:51	21°♍06'02	6°50'55
min. Earth dist.	-2089 Oct 02 j 14:55	21°♍02'53	0.26658 AU
morning rise	-2089 Oct 07 j 03:11	18°♍23'53	
direct	-2089 Oct 22 j 14:22	13°♍43'05	
asc. node	-2089 Nov 01 j 11:49	15°♍35'34	
greatest brilliancy	-2089 Nov 02 j 06:21	15°♍53'02	-4.9m
	-2089 Nov 23 j 23:58	0°♎	
morning max el	-2089 Dec 12 j 07:33	17°♎15'09	46°50'32
	-2089 Dec 24 j 10:38	0°♏	
	-2088 Jan 20 j 04:56	0°♐	
	-2088 Feb 14 j 22:06	0°♑	
desc. node	-2088 Feb 21 j 04:35	7°♑24'13	
	-2088 Mar 11 j 04:55	0°♒	
	-2088 Apr 05 j 05:59	0°♓	
	-2088 Apr 30 j 02:34	0°♈	
	-2088 May 24 j 18:38	0°♉	
morning set	-2088 Jun 10 j 20:14	20°♉54'19	
asc. node	-2088 Jun 13 j 05:11	23°♉49'19	
	-2088 Jun 18 j 05:41	0°♊	
	-2088 Jul 12 j 11:39	0°♋	
max. Earth dist.	-2088 Jul 12 j 19:47	0°♋25'13	1.72561 AU
superior conj	-2088 Jul 17 j 04:14	5°♋49'48	1°08'45
minimum elong	-2088 Jul 16 j 19:51	5°♋23'44	1°08'34
	-2088 Aug 05 j 13:32	0°♌	
evening rise	-2088 Aug 23 j 03:25	21°♌58'58	
	-2088 Aug 29 j 13:09	0°♍	
	-2088 Sep 22 j 12:31	0°♎	
desc. node	-2088 Oct 02 j 21:08	12°♎56'41	
	-2088 Oct 16 j 13:16	0°♏	
	-2088 Nov 09 j 16:50	0°♐	
	-2088 Dec 04 j 01:34	0°♑	
	-2088 Dec 28 j 20:35	0°♒	
asc. node	-2087 Jan 23 j 21:23	0°♓24'22	
	-2087 Jan 23 j 12:48	0°♓	
	-2087 Feb 20 j 05:01	0°♈	
evening max el	-2087 Feb 26 j 17:14	6°♈28'26	45°31'45
	-2087 Mar 27 j 14:12	0°♉	
greatest brilliancy	-2087 Apr 05 j 13:59	4°♉23'58	-4.7m
retrograde	-2087 Apr 16 j 07:54	6°♉28'52	

evening set	-2087 May 01 j 16:17	1°♉58'42	
	-2087 May 05 j 01:39	30°℞♈	
inferior conj	-2087 May 07 j 19:36	28°♈17'32	1°46'50
minimum elong	-2087 May 07 j 23:25	28°♈11'34	1°45'47
min. Earth dist.	-2087 May 08 j 07:12	27°♈59'21	0.29042 AU
morning rise	-2087 May 14 j 06:10	24°♈24'56	
desc. node	-2087 May 15 j 13:28	23°♈43'08	
direct	-2087 May 29 j 13:33	19°♈56'18	
greatest brilliancy	-2087 Jun 09 j 07:28	21°♈59'32	-4.7m
	-2087 Jun 23 j 23:20	0°♉	
morning max el	-2087 Jul 17 j 16:06	20°♉07'22	46°02'47
	-2087 Jul 27 j 13:05	0°♊	
	-2087 Aug 23 j 23:40	0°♋	
asc. node	-2087 Sep 05 j 14:37	14°♋39'27	
	-2087 Sep 18 j 11:48	0°♌	
	-2087 Oct 13 j 01:31	0°♍	
	-2087 Nov 06 j 04:39	0°♎	
	-2087 Nov 30 j 04:22	0°♏	
	-2087 Dec 24 j 04:37	0°♐	
desc. node	-2087 Dec 26 j 06:56	2°♐36'54	
	-2086 Jan 17 j 06:53	0°♑	
morning set	-2086 Jan 20 j 22:16	4°♑31'24	
	-2086 Feb 10 j 11:28	0°♒	
superior conj	-2086 Mar 01 j 09:39	23°♒23'22	-1°22'09
minimum elong	-2086 Mar 01 j 14:09	23°♒37'17	1°22'08
max. Earth dist.	-2086 Mar 04 j 00:08	26°♒36'04	1.73084 AU
	-2086 Mar 06 j 18:18	0°♓	
	-2086 Mar 31 j 03:24	0°♈	
evening rise	-2086 Apr 07 j 23:34	9°♈37'15	
asc. node	-2086 Apr 18 j 07:19	22°♈16'26	
	-2086 Apr 24 j 14:47	0°♉	
	-2086 May 19 j 04:27	0°♊	
	-2086 Jun 12 j 20:49	0°♋	
	-2086 Jul 07 j 17:21	0°♌	
	-2086 Aug 01 j 21:12	0°♍	
desc. node	-2086 Aug 07 j 23:06	7°♍09'52	
	-2086 Aug 27 j 14:30	0°♎	
	-2086 Sep 23 j 12:32	0°♏	
evening max el	-2086 Oct 04 j 23:28	11°♏57'21	47°29'22
	-2086 Oct 24 j 07:01	0°♐	
greatest brilliancy	-2086 Nov 14 j 18:24	13°♐41'23	-4.9m
retrograde	-2086 Nov 24 j 23:51	15°♐42'36	
asc. node	-2086 Nov 28 j 23:40	15°♐22'35	
evening set	-2086 Dec 09 j 18:04	11°♐19'24	
min. Earth dist.	-2086 Dec 14 j 18:22	8°♐20'25	0.26870 AU
inferior conj	-2086 Dec 15 j 17:13	7°♐44'51	4°05'49
minimum elong	-2086 Dec 15 j 09:08	7°♐57'27	4°03'30
morning rise	-2086 Dec 21 j 00:50	4°♐33'12	
direct	-2085 Jan 05 j 02:06	0°♐01'31	
greatest brilliancy	-2085 Jan 14 j 05:11	1°♐35'50	-4.9m
	-2085 Feb 22 j 06:28	0°♑	
morning max el	-2085 Feb 23 j 13:04	1°♑14'09	46°14'40
desc. node	-2085 Mar 20 j 16:15	27°♑16'52	
	-2085 Mar 23 j 04:15	0°♒	
	-2085 Apr 18 j 22:40	0°♓	
	-2085 May 14 j 18:46	0°♈	
	-2085 Jun 09 j 00:56	0°♉	
	-2085 Jul 03 j 20:01	0°♊	
asc. node	-2085 Jul 11 j 17:08	9°♊38'28	
	-2085 Jul 28 j 05:31	0°♋	
morning set	-2085 Aug 19 j 20:06	28°♋09'30	
	-2085 Aug 21 j 07:24	0°♌	
	-2085 Sep 14 j 04:32	0°♍	
superior conj	-2085 Sep 27 j 10:31	16°♍41'36	1°08'43
minimum elong	-2085 Sep 27 j 20:47	17°♍13'58	1°08'26

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2085 Sep 26 j 18:11	15°♍50'07	1.71067 AU
	-2085 Oct 07 j 23:53	0°♎	
desc. node	-2085 Oct 31 j 09:09	29°♎26'30	
	-2085 Oct 31 j 19:48	0°♏	
evening rise	-2085 Nov 07 j 22:26	8°♏56'05	
	-2085 Nov 24 j 17:35	0°♐	
	-2085 Dec 18 j 18:13	0°♑	
	-2084 Jan 11 j 23:21	0°♒	
	-2084 Feb 05 j 12:07	0°♓	
asc. node	-2084 Feb 21 j 09:21	19°♓06'38	
	-2084 Mar 01 j 13:27	0°♈	
	-2084 Mar 27 j 11:35	0°♉	
	-2084 Apr 24 j 00:58	0°♊	
evening max el	-2084 May 08 j 11:43	14°♊24'44	45°17'05
	-2084 May 26 j 09:18	0°♋	
desc. node	-2084 Jun 12 j 01:30	10°♋28'44	
greatest brilliancy	-2084 Jun 15 j 20:28	11°♋59'55	-4.7m
retrograde	-2084 Jun 26 j 01:27	13°♋51'25	
evening set	-2084 Jul 12 j 06:55	8°♋53'34	
inferior conj	-2084 Jul 17 j 06:09	5°♋56'30	-7°09'13
minimum elong	-2084 Jul 16 j 20:21	6°♋11'29	7°07'29
min. Earth dist.	-2084 Jul 17 j 13:21	5°♋45'30	0.28202 AU
morning rise	-2084 Jul 21 j 09:29	3°♋27'10	
	-2084 Jul 28 j 06:09	30°℞♊	
direct	-2084 Aug 07 j 15:28	27°♊51'12	
	-2084 Aug 18 j 10:50	0°♋	
greatest brilliancy	-2084 Aug 18 j 14:50	0°♋03'49	-4.8m
	-2084 Sep 26 j 16:23	0°♌	
morning max el	-2084 Sep 27 j 00:38	0°♌20'47	46°42'03
asc. node	-2084 Oct 03 j 02:18	6°♌36'14	
	-2084 Oct 24 j 07:03	0°♍	
	-2084 Nov 18 j 18:51	0°♎	
	-2084 Dec 13 j 12:46	0°♏	
	-2083 Jan 07 j 00:55	0°♐	
desc. node	-2083 Jan 22 j 18:49	19°♐18'45	
	-2083 Jan 31 j 12:01	0°♑	
	-2083 Feb 24 j 23:26	0°♒	
	-2083 Mar 21 j 11:14	0°♓	
morning set	-2083 Apr 02 j 12:25	14°♓45'22	
	-2083 Apr 14 j 23:00	0°♈	
max. Earth dist.	-2083 May 07 j 09:57	27°♈32'18	1.73693 AU
superior conj	-2083 May 08 j 21:06	29°♈20'12	-0°16'14
minimum elong	-2083 May 09 j 00:18	29°♈30'02	0°16'04
	-2083 May 09 j 10:04	0°♉	
asc. node	-2083 May 15 j 19:24	7°♉50'53	
	-2083 Jun 02 j 19:42	0°♊	
evening rise	-2083 Jun 13 j 14:53	13°♊18'25	
	-2083 Jun 27 j 03:40	0°♋	
	-2083 Jul 21 j 10:42	0°♌	
	-2083 Aug 14 j 18:20	0°♍	
desc. node	-2083 Sep 04 j 11:08	25°♍26'21	
	-2083 Sep 08 j 04:28	0°♎	
	-2083 Oct 02 j 19:23	0°♏	
	-2083 Oct 27 j 19:21	0°♐	
	-2083 Nov 22 j 15:36	0°♑	
evening max el	-2083 Dec 15 j 09:50	24°♑34'22	46°52'40
	-2083 Dec 20 j 20:31	0°♒	
asc. node	-2083 Dec 26 j 11:41	5°♒20'49	
greatest brilliancy	-2082 Jan 24 j 03:03	25°♒28'57	-4.8m
retrograde	-2082 Feb 03 j 23:03	27°♒40'59	
evening set	-2082 Feb 21 j 18:28	21°♒29'19	
inferior conj	-2082 Feb 25 j 04:50	19°♒19'15	8°18'45
minimum elong	-2082 Feb 25 j 07:52	19°♒14'25	8°18'35
min. Earth dist.	-2082 Feb 24 j 20:19	19°♒32'50	0.28814 AU
morning rise	-2082 Feb 28 j 21:33	17°♒00'11	
direct	-2082 Mar 18 j 12:58	11°♒03'33	
greatest brilliancy	-2082 Mar 27 j 19:49	12°♒38'54	-4.7m
desc. node	-2082 Apr 17 j 03:49	24°♒16'50	
	-2082 Apr 24 j 06:04	0°♓	
morning max el	-2082 May 06 j 08:59	10°♓57'46	45°47'20
	-2082 May 25 j 06:23	0°♈	
	-2082 Jun 21 j 14:06	0°♉	
	-2082 Jul 17 j 10:25	0°♊	
asc. node	-2082 Aug 08 j 04:55	26°♊07'29	
	-2082 Aug 11 j 09:22	0°♋	
	-2082 Sep 04 j 17:52	0°♌	
	-2082 Sep 28 j 17:30	0°♍	
	-2082 Oct 22 j 13:09	0°♎	
morning set	-2082 Nov 02 j 01:33	13°♎15'47	
	-2082 Nov 15 j 08:23	0°♏	
desc. node	-2082 Nov 27 j 21:07	15°♏45'52	
	-2082 Dec 09 j 05:15	0°♐	
superior conj	-2082 Dec 14 j 02:44	6°♐08'11	-0°36'58
minimum elong	-2082 Dec 13 j 17:34	5°♐39'28	0°36'35
max. Earth dist.	-2082 Dec 18 j 12:47	11°♐40'15	1.71459 AU
	-2081 Jan 02 j 04:36	0°♑	
evening rise	-2081 Jan 24 j 06:04	27°♑28'06	
	-2081 Jan 26 j 07:01	0°♒	
	-2081 Feb 19 j 13:27	0°♓	
	-2081 Mar 16 j 01:16	0°♈	
asc. node	-2081 Mar 20 j 21:27	5°♈53'25	
	-2081 Apr 09 j 20:12	0°♉	
	-2081 May 05 j 00:36	0°♊	
	-2081 May 30 j 19:02	0°♋	
	-2081 Jun 26 j 14:41	0°♌	
desc. node	-2081 Jul 10 j 13:15	14°♌45'43	
evening max el	-2081 Jul 21 j 06:53	25°♌30'52	46°22'30
	-2081 Jul 25 j 23:52	0°♍	
greatest brilliancy	-2081 Aug 30 j 23:35	25°♍04'23	-4.9m
retrograde	-2081 Sep 08 j 22:34	26°♍33'16	
evening set	-2081 Sep 25 j 13:47	21°♍18'19	
inferior conj	-2081 Sep 29 j 14:22	18°♍54'28	-7°08'01
minimum elong	-2081 Sep 30 j 00:52	18°♍38'30	7°05'58
min. Earth dist.	-2081 Sep 30 j 04:11	18°♍33'27	0.26704 AU
morning rise	-2081 Oct 04 j 11:40	16°♍00'53	
direct	-2081 Oct 20 j 02:39	11°♍14'23	
greatest brilliancy	-2081 Oct 30 j 20:29	13°♍25'28	-4.9m
asc. node	-2081 Oct 31 j 13:58	13°♍42'59	
	-2081 Nov 24 j 09:39	0°♎	
morning max el	-2081 Dec 09 j 19:44	14°♎45'18	46°51'13
	-2081 Dec 24 j 05:44	0°♏	
	-2080 Jan 19 j 20:07	0°♐	
	-2080 Feb 14 j 11:29	0°♑	
desc. node	-2080 Feb 20 j 06:33	6°♑51'22	
	-2080 Mar 10 j 17:15	0°♒	
	-2080 Apr 04 j 17:38	0°♓	
	-2080 Apr 29 j 13:46	0°♈	
	-2080 May 24 j 05:33	0°♉	
morning set	-2080 Jun 08 j 14:55	18°♉50'59	
asc. node	-2080 Jun 12 j 07:23	23°♉22'49	
	-2080 Jun 17 j 16:29	0°♊	
max. Earth dist.	-2080 Jul 10 j 14:39	28°♊21'12	1.72623 AU
	-2080 Jul 11 j 22:29	0°♋	
superior conj	-2080 Jul 14 j 22:08	3°♋42'34	1°06'52
minimum elong	-2080 Jul 14 j 13:35	3°♋16'01	1°06'40
	-2080 Aug 05 j 00:29	0°♌	
evening rise	-2080 Aug 20 j 18:29	19°♌41'18	
	-2080 Aug 29 j 00:18	0°♍	
	-2080 Sep 21 j 23:54	0°♎	
desc. node	-2080 Oct 01 j 23:13	12°♎27'19	
	-2080 Oct 16 j 00:55	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2080 Nov 09 j 04:49	0°♐	
	-2080 Dec 03 j 14:02	0°♑	
	-2080 Dec 28 j 09:54	0°♒	
asc. node	-2079 Jan 22 j 23:23	29°♒47'09	
	-2079 Jan 23 j 03:56	0°♓	
	-2079 Feb 20 j 01:08	0°♈	
evening max el	-2079 Feb 24 j 07:50	4°♈13'47	45°33'49
	-2079 Mar 29 j 03:27	0°♉	
greatest brilliancy	-2079 Apr 03 j 06:35	2°♉16'08	-4.7m
retrograde	-2079 Apr 14 j 00:31	4°♉21'38	
evening set	-2079 Apr 29 j 10:30	29°♈48'35	
	-2079 Apr 29 j 02:09	30°℞♈	
inferior conj	-2079 May 05 j 12:19	26°♈09'39	2°05'34
minimum elong	-2079 May 05 j 16:45	26°♈02'42	2°04'21
min. Earth dist.	-2079 May 06 j 00:14	25°♈50'59	0.29059 AU
morning rise	-2079 May 11 j 22:36	22°♈17'21	
desc. node	-2079 May 14 j 15:41	20°♈53'25	
direct	-2079 May 27 j 05:41	17°♈47'54	
greatest brilliancy	-2079 Jun 07 j 00:11	19°♈51'31	-4.7m
	-2079 Jun 24 j 15:23	0°♉	
morning max el	-2079 Jul 15 j 08:13	17°♉56'43	46°01'44
	-2079 Jul 27 j 07:54	0°♊	
	-2079 Aug 23 j 14:23	0°♋	
asc. node	-2079 Sep 04 j 16:45	14°♋05'08	
	-2079 Sep 18 j 00:56	0°♌	
	-2079 Oct 12 j 13:53	0°♍	
	-2079 Nov 05 j 16:36	0°♎	
	-2079 Nov 29 j 16:04	0°♏	
	-2079 Dec 23 j 16:06	0°♐	
desc. node	-2079 Dec 25 j 09:03	2°♐07'45	
	-2078 Jan 16 j 18:11	0°♑	
morning set	-2078 Jan 18 j 09:35	2°♑02'25	
	-2078 Feb 09 j 22:36	0°♒	
superior conj	-2078 Feb 27 j 00:46	21°♒07'50	-1°22'54
minimum elong	-2078 Feb 27 j 04:34	21°♒19'33	1°22'53
max. Earth dist.	-2078 Mar 01 j 15:37	24°♒21'44	1.73037 AU
	-2078 Mar 06 j 05:19	0°♓	
	-2078 Mar 30 j 14:25	0°♈	
evening rise	-2078 Apr 05 j 17:01	7°♈29'45	
asc. node	-2078 Apr 17 j 09:31	21°♈49'12	
	-2078 Apr 24 j 01:55	0°♉	
	-2078 May 18 j 15:49	0°♊	
	-2078 Jun 12 j 08:36	0°♋	
	-2078 Jul 07 j 05:49	0°♌	
	-2078 Aug 01 j 10:48	0°♍	
desc. node	-2078 Aug 07 j 01:06	6°♍34'47	
	-2078 Aug 27 j 06:06	0°♎	
	-2078 Sep 23 j 08:32	0°♏	
evening max el	-2078 Oct 02 j 13:43	9°♏33'17	47°28'36
	-2078 Oct 24 j 21:06	0°♐	
greatest brilliancy	-2078 Nov 12 j 08:35	11°♐13'48	-4.9m
retrograde	-2078 Nov 22 j 13:45	13°♐14'47	
asc. node	-2078 Nov 28 j 01:52	12°♐36'29	
evening set	-2078 Dec 07 j 05:40	8°♐54'01	
min. Earth dist.	-2078 Dec 12 j 08:10	5°♐52'21	0.26814 AU
inferior conj	-2078 Dec 13 j 06:22	5°♐17'55	3°45'05
minimum elong	-2078 Dec 12 j 22:47	5°♐29'42	3°42'52
morning rise	-2078 Dec 18 j 16:33	2°♐03'19	
	-2078 Dec 22 j 19:17	30°℞♏	
direct	-2077 Jan 02 j 14:50	27°♏35'22	
greatest brilliancy	-2077 Jan 11 j 18:51	29°♏10'57	-4.9m
	-2077 Jan 14 j 00:15	0°♐	
morning max el	-2077 Feb 21 j 03:52	28°♐55'58	46°16'08
	-2077 Feb 22 j 06:04	0°♑	
desc. node	-2077 Mar 19 j 18:23	26°♑36'48	
	-2077 Mar 22 j 20:44	0°♒	
	-2077 Apr 18 j 12:32	0°♓	
	-2077 May 14 j 07:20	0°♈	
	-2077 Jun 08 j 12:47	0°♉	
	-2077 Jul 03 j 07:28	0°♊	
asc. node	-2077 Jul 10 j 19:08	9°♊09'49	
	-2077 Jul 27 j 16:44	0°♋	
morning set	-2077 Aug 17 j 11:29	25°♋52'41	
	-2077 Aug 20 j 18:32	0°♌	
	-2077 Sep 13 j 15:40	0°♍	
max. Earth dist.	-2077 Sep 24 j 03:31	13°♍13'00	1.71094 AU
superior conj	-2077 Sep 24 j 22:55	14°♍14'10	1°10'49
minimum elong	-2077 Sep 25 j 08:47	14°♍45'14	1°10'34
	-2077 Oct 07 j 11:07	0°♎	
desc. node	-2077 Oct 30 j 11:20	28°♎57'43	
	-2077 Oct 31 j 07:09	0°♏	
evening rise	-2077 Nov 05 j 07:48	6°♏19'06	
	-2077 Nov 24 j 05:03	0°♐	
	-2077 Dec 18 j 05:48	0°♑	
	-2076 Jan 11 j 11:09	0°♒	
	-2076 Feb 05 j 00:19	0°♓	
asc. node	-2076 Feb 20 j 11:27	18°♓35'11	
	-2076 Mar 01 j 02:28	0°♈	
	-2076 Mar 27 j 02:18	0°♉	
	-2076 Apr 23 j 19:54	0°♊	
evening max el	-2076 May 06 j 03:49	12°♊13'35	45°16'07
	-2076 May 26 j 23:52	0°♋	
desc. node	-2076 Jun 11 j 03:34	8°♋52'06	
greatest brilliancy	-2076 Jun 13 j 09:33	9°♋43'31	-4.7m
retrograde	-2076 Jun 23 j 15:51	11°♋35'44	
evening set	-2076 Jul 09 j 18:10	6°♋42'38	
inferior conj	-2076 Jul 14 j 20:47	3°♋40'23	-6°56'22
minimum elong	-2076 Jul 14 j 10:48	3°♋55'41	6°54'30
min. Earth dist.	-2076 Jul 15 j 03:34	3°♋29'59	0.28237 AU
morning rise	-2076 Jul 19 j 03:09	1°♋06'25	
	-2076 Jul 21 j 02:30	30°℞♊	
direct	-2076 Aug 05 j 07:10	25°♊34'37	
greatest brilliancy	-2076 Aug 16 j 05:12	27°♊45'52	-4.8m
	-2076 Aug 21 j 03:53	0°♋	
morning max el	-2076 Sep 24 j 15:08	27°♋59'48	46°40'57
	-2076 Sep 26 j 14:28	0°♌	
asc. node	-2076 Oct 02 j 04:29	5°♌48'47	
	-2076 Oct 23 j 23:14	0°♍	
	-2076 Nov 18 j 08:53	0°♎	
	-2076 Dec 13 j 01:43	0°♏	
	-2075 Jan 06 j 13:13	0°♐	
desc. node	-2075 Jan 21 j 20:48	18°♐48'04	
	-2075 Jan 30 j 23:51	0°♑	
	-2075 Feb 24 j 10:56	0°♒	
	-2075 Mar 20 j 22:29	0°♓	
morning set	-2075 Mar 31 j 05:46	12°♓37'20	
	-2075 Apr 14 j 10:05	0°♈	
max. Earth dist.	-2075 May 05 j 08:33	25°♈40'33	1.73698 AU
superior conj	-2075 May 06 j 15:33	27°♈15'39	-0°19'17
minimum elong	-2075 May 06 j 19:19	27°♈27'15	0°19'05
	-2075 May 08 j 21:05	0°♉	
asc. node	-2075 May 14 j 21:32	7°♉23'34	
	-2075 Jun 02 j 06:45	0°♊	
evening rise	-2075 Jun 11 j 10:00	11°♊15'05	
	-2075 Jun 26 j 14:54	0°♋	
	-2075 Jul 20 j 22:12	0°♌	
	-2075 Aug 14 j 06:14	0°♍	
desc. node	-2075 Sep 03 j 13:16	24°♍55'07	
	-2075 Sep 07 j 16:53	0°♎	
	-2075 Oct 02 j 08:31	0°♏	
	-2075 Oct 27 j 09:41	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2075 Nov 22 j 08:25	0°♉				-2072 Jun 17 j 03:24	0°♊		
evening max el	-2075 Dec 13 j 01:29	22°♉16'43	46°55'09		max. Earth dist.	-2072 Jul 08 j 10:28	26°♊19'47	1.72682 AU	
	-2075 Dec 20 j 21:00	0°♒				-2072 Jul 11 j 09:25	0°♋		
asc. node	-2075 Dec 25 j 13:38	4°♒22'31							
greatest brilliancy	-2074 Jan 21 j 20:10	23°♒16'09	-4.8m		superior conj	-2072 Jul 12 j 15:43	1°♋34'07	1°04'52	
retrograde	-2074 Feb 01 j 15:23	25°♒27'24			minimum elong	-2072 Jul 12 j 07:04	1°♋07'13	1°04'38	
evening set	-2074 Feb 19 j 11:24	19°♒15'18				-2072 Aug 04 j 11:31	0°♌		
inferior conj	-2074 Feb 22 j 21:06	17°♒06'03	8°22'04		evening rise	-2072 Aug 18 j 09:27	17°♌23'15		
minimum elong	-2074 Feb 22 j 23:26	17°♒02'20	8°21'57			-2072 Aug 28 j 11:30	0°♍		
min. Earth dist.	-2074 Feb 22 j 11:29	17°♒21'25	0.28770 AU			-2072 Sep 21 j 11:19	0°♎		
morning rise	-2074 Feb 26 j 11:43	14°♒49'55			desc. node	-2072 Oct 01 j 01:22	11°♎57'58		
direct	-2074 Mar 16 j 04:41	8°♒51'20				-2072 Oct 15 j 12:37	0°♏		
greatest brilliancy	-2074 Mar 25 j 10:03	10°♒25'16	-4.7m			-2072 Nov 08 j 16:51	0°♐		
desc. node	-2074 Apr 16 j 06:01	23°♒11'40				-2072 Dec 03 j 02:33	0°♑		
	-2074 Apr 24 j 10:54	0°♓				-2072 Dec 27 j 23:16	0°♒		
morning max el	-2074 May 03 j 23:54	8°♓44'30	45°47'31		asc. node	-2071 Jan 22 j 01:33	29°♒10'27		
	-2074 May 24 j 23:48	0°♈				-2071 Jan 22 j 19:08	0°♓		
	-2074 Jun 21 j 04:17	0°♉				-2071 Feb 19 j 21:43	0°♈		
	-2074 Jul 16 j 23:10	0°♊			evening max el	-2071 Feb 21 j 22:58	2°♈00'53	45°35'59	
asc. node	-2074 Aug 07 j 07:01	25°♊37'09				-2071 Mar 31 j 14:02	0°♉		
	-2074 Aug 10 j 21:22	0°♋			greatest brilliancy	-2071 Mar 31 j 22:29	0°♉07'59	-4.7m	
	-2074 Sep 04 j 05:31	0°♌			retrograde	-2071 Apr 11 j 17:32	2°♉14'45		
	-2074 Sep 28 j 04:59	0°♍				-2071 Apr 22 j 09:07	30°℞♈		
	-2074 Oct 22 j 00:31	0°♎			evening set	-2071 Apr 27 j 04:50	27°♈38'36		
morning set	-2074 Oct 30 j 12:11	10°♎42'12			inferior conj	-2071 May 03 j 05:02	24°♈01'53	2°24'09	
	-2074 Nov 14 j 19:41	0°♏			minimum elong	-2071 May 03 j 10:04	23°♈54'00	2°22'46	
desc. node	-2074 Nov 26 j 23:11	15°♏16'58			min. Earth dist.	-2071 May 03 j 16:54	23°♈43'17	0.29081 AU	
	-2074 Dec 08 j 16:28	0°♐			morning rise	-2071 May 09 j 14:56	20°♈10'16		
					desc. node	-2071 May 13 j 17:44	18°♈07'45		
superior conj	-2074 Dec 11 j 12:25	3°♐32'59	-0°33'21		direct	-2071 May 24 j 22:21	15°♈39'37		
minimum elong	-2074 Dec 11 j 03:57	3°♐06'28	0°33'01		greatest brilliancy	-2071 Jun 04 j 16:40	17°♈43'26	-4.7m	
max. Earth dist.	-2074 Dec 15 j 21:55	9°♐03'31	1.71407 AU			-2071 Jun 25 j 03:23	0°♉		
	-2073 Jan 01 j 15:46	0°♑			morning max el	-2071 Jul 13 j 01:07	15°♉48'02	46°00'35	
evening rise	-2073 Jan 21 j 18:24	25°♑02'37				-2071 Jul 27 j 02:18	0°♊		
	-2073 Jan 25 j 18:12	0°♒				-2071 Aug 23 j 04:58	0°♋		
	-2073 Feb 19 j 00:42	0°♓			asc. node	-2071 Sep 03 j 18:58	13°♋31'17		
	-2073 Mar 15 j 12:44	0°♈				-2071 Sep 17 j 13:57	0°♌		
asc. node	-2073 Mar 19 j 23:36	5°♈24'56				-2071 Oct 12 j 02:07	0°♍		
	-2073 Apr 09 j 08:06	0°♉				-2071 Nov 05 j 04:24	0°♎		
	-2073 May 04 j 13:19	0°♊				-2071 Nov 29 j 03:36	0°♏		
	-2073 May 30 j 09:18	0°♋				-2071 Dec 23 j 03:26	0°♐		
	-2073 Jun 26 j 08:10	0°♌			desc. node	-2071 Dec 24 j 10:59	1°♐38'29		
desc. node	-2073 Jul 09 j 15:16	13°♌58'18			morning set	-2070 Jan 15 j 20:52	29°♐33'39		
evening max el	-2073 Jul 18 j 18:36	23°♌04'34	46°19'28			-2070 Jan 16 j 05:20	0°♑		
	-2073 Jul 26 j 03:03	0°♍				-2070 Feb 09 j 09:34	0°♒		
greatest brilliancy	-2073 Aug 28 j 12:12	22°♍37'03	-4.9m						
retrograde	-2073 Sep 06 j 09:45	24°♍05'08			superior conj	-2070 Feb 24 j 15:56	18°♒52'54	-1°23'30	
evening set	-2073 Sep 23 j 05:13	18°♍45'10			minimum elong	-2070 Feb 24 j 18:59	19°♒02'20	1°23'31	
inferior conj	-2073 Sep 27 j 02:35	16°♍26'13	-7°22'05		max. Earth dist.	-2070 Feb 27 j 08:21	22°♒11'47	1.72987 AU	
minimum elong	-2073 Sep 27 j 12:49	16°♍10'40	7°20'11			-2070 Mar 05 j 16:09	0°♓		
min. Earth dist.	-2073 Sep 27 j 17:26	16°♍03'40	0.26751 AU			-2070 Mar 30 j 01:14	0°♈		
morning rise	-2073 Oct 01 j 20:05	13°♍37'53			evening rise	-2070 Apr 03 j 10:40	5°♈23'31		
direct	-2073 Oct 17 j 14:56	8°♍45'03			asc. node	-2070 Apr 16 j 11:38	21°♈22'24		
greatest brilliancy	-2073 Oct 28 j 10:57	10°♍57'57	-4.9m			-2070 Apr 23 j 12:50	0°♉		
asc. node	-2073 Oct 30 j 16:08	11°♍54'24				-2070 May 18 j 03:01	0°♊		
	-2073 Nov 24 j 16:54	0°♎				-2070 Jun 11 j 20:16	0°♋		
morning max el	-2073 Dec 07 j 08:30	12°♎16'30	46°52'04			-2070 Jul 06 j 18:14	0°♌		
	-2073 Dec 24 j 00:25	0°♏				-2070 Aug 01 j 00:25	0°♍		
	-2072 Jan 19 j 11:08	0°♐			desc. node	-2070 Aug 06 j 03:15	6°♍00'10		
	-2072 Feb 14 j 00:45	0°♑				-2070 Aug 26 j 21:51	0°♎		
desc. node	-2072 Feb 19 j 08:46	6°♑19'21				-2070 Sep 23 j 05:01	0°♏		
	-2072 Mar 10 j 05:32	0°♒			evening max el	-2070 Sep 30 j 04:45	7°♏11'46	47°27'51	
	-2072 Apr 04 j 05:18	0°♓				-2070 Oct 25 j 15:33	0°♐		
	-2072 Apr 29 j 01:02	0°♈			greatest brilliancy	-2070 Nov 09 j 22:26	8°♐46'22	-4.9m	
	-2072 May 23 j 16:35	0°♉			retrograde	-2070 Nov 20 j 03:52	10°♐47'12		
morning set	-2072 Jun 06 j 09:20	16°♉46'30			asc. node	-2070 Nov 27 j 03:52	9°♐45'09		
asc. node	-2072 Jun 11 j 09:23	22°♉55'16			evening set	-2070 Dec 04 j 17:27	6°♐28'50		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2070 Dec 09 j 21:44	3°♐24'47	0.26756 AU
inferior conj	-2070 Dec 10 j 19:24	2°♐51'16	3°23'47
minimum elong	-2070 Dec 10 j 12:23	3°♐02'07	3°21'42
	-2070 Dec 15 j 13:21	30℞♏	
morning rise	-2070 Dec 16 j 08:03	29°♏33'51	
direct	-2070 Dec 31 j 03:55	25°♏09'43	
greatest brilliancy	-2069 Jan 09 j 08:07	26°♏46'00	-4.9m
	-2069 Jan 16 j 15:59	0°♐	
morning max el	-2069 Feb 18 j 18:46	26°♐38'43	46°17'35
	-2069 Feb 22 j 04:22	0°♑	
desc. node	-2069 Mar 18 j 20:29	25°♑57'55	
	-2069 Mar 22 j 12:36	0°♒	
	-2069 Apr 18 j 01:55	0°♓	
	-2069 May 13 j 19:29	0°♈	
	-2069 Jun 08 j 00:16	0°♉	
	-2069 Jul 02 j 18:34	0°♊	
asc. node	-2069 Jul 09 j 21:17	8°♊42'33	
	-2069 Jul 27 j 03:41	0°♋	
morning set	-2069 Aug 15 j 02:46	23°♋36'19	
	-2069 Aug 20 j 05:27	0°♌	
	-2069 Sep 13 j 02:37	0°♍	
max. Earth dist.	-2069 Sep 21 j 08:52	10°♍24'05	1.71124 AU
superior conj	-2069 Sep 22 j 11:13	11°♍47'03	1°12'47
minimum elong	-2069 Sep 22 j 20:34	12°♍16'32	1°12'33
	-2069 Oct 06 j 22:09	0°♎	
desc. node	-2069 Oct 29 j 13:21	28°♎29'07	
	-2069 Oct 30 j 18:16	0°♏	
evening rise	-2069 Nov 02 j 16:47	3°♏41'35	
	-2069 Nov 23 j 16:15	0°♐	
	-2069 Dec 17 j 17:07	0°♑	
	-2068 Jan 10 j 22:40	0°♒	
	-2068 Feb 04 j 12:14	0°♓	
asc. node	-2068 Feb 19 j 13:39	18°♓04'57	
	-2068 Feb 29 j 15:12	0°♈	
	-2068 Mar 26 j 16:45	0°♉	
	-2068 Apr 23 j 14:47	0°♊	
evening max el	-2068 May 03 j 19:28	10°♊02'49	45°15'16
	-2068 May 27 j 18:16	0°♋	
desc. node	-2068 Jun 10 j 05:33	7°♋13'52	
greatest brilliancy	-2068 Jun 10 j 23:24	7°♋29'57	-4.7m
retrograde	-2068 Jun 21 j 06:00	9°♋22'22	
evening set	-2068 Jul 07 j 05:50	4°♋33'48	
inferior conj	-2068 Jul 12 j 11:45	1°♋26'37	-6°42'54
minimum elong	-2068 Jul 12 j 01:38	1°♋42'08	6°40'55
min. Earth dist.	-2068 Jul 12 j 18:24	1°♋16'24	0.28276 AU
	-2068 Jul 14 j 20:27	30℞♊	
morning rise	-2068 Jul 16 j 21:07	28°♊47'55	
direct	-2068 Aug 02 j 22:47	23°♊20'17	
greatest brilliancy	-2068 Aug 13 j 20:22	25°♊30'35	-4.8m
	-2068 Aug 22 j 19:12	0°♋	
morning max el	-2068 Sep 22 j 04:48	25°♋37'46	46°39'33
	-2068 Sep 26 j 11:25	0°♌	
asc. node	-2068 Oct 01 j 06:34	5°♌02'43	
	-2068 Oct 23 j 14:55	0°♍	
	-2068 Nov 17 j 22:34	0°♎	
	-2068 Dec 12 j 14:22	0°♏	
	-2067 Jan 06 j 01:11	0°♐	
desc. node	-2067 Jan 20 j 23:01	18°♐19'06	
	-2067 Jan 30 j 11:20	0°♑	
	-2067 Feb 23 j 22:03	0°♒	
	-2067 Mar 20 j 09:21	0°♓	
morning set	-2067 Mar 28 j 23:08	10°♓30'32	
	-2067 Apr 13 j 20:48	0°♈	
max. Earth dist.	-2067 May 03 j 05:44	23°♈45'39	1.73699 AU
superior conj	-2067 May 04 j 10:16	25°♈13'13	-0°22'16
minimum elong	-2067 May 04 j 14:36	25°♈26'30	0°22'02
	-2067 May 08 j 07:43	0°♉	
asc. node	-2067 May 13 j 23:34	6°♉57'10	
	-2067 Jun 01 j 17:24	0°♊	
evening rise	-2067 Jun 09 j 05:27	9°♊14'13	
	-2067 Jun 26 j 01:42	0°♋	
	-2067 Jul 20 j 09:18	0°♌	
	-2067 Aug 13 j 17:46	0°♍	
desc. node	-2067 Sep 02 j 15:24	24°♍24'56	
	-2067 Sep 07 j 05:01	0°♎	
	-2067 Oct 01 j 21:29	0°♏	
	-2067 Oct 26 j 23:58	0°♐	
	-2067 Nov 22 j 01:24	0°♑	
evening max el	-2067 Dec 10 j 16:10	19°♑56'49	46°57'42
	-2067 Dec 20 j 22:33	0°♒	
asc. node	-2067 Dec 24 j 15:48	3°♒23'54	
greatest brilliancy	-2066 Jan 19 j 13:27	21°♒03'46	-4.8m
retrograde	-2066 Jan 30 j 07:16	23°♒14'11	
evening set	-2066 Feb 17 j 03:56	17°♒02'03	
min. Earth dist.	-2066 Feb 20 j 02:47	15°♒10'07	0.28720 AU
inferior conj	-2066 Feb 20 j 13:15	14°♒53'22	8°24'39
minimum elong	-2066 Feb 20 j 14:51	14°♒50'48	8°24'35
morning rise	-2066 Feb 24 j 02:01	12°♒39'52	
direct	-2066 Mar 13 j 19:46	6°♒39'32	
greatest brilliancy	-2066 Mar 23 j 00:41	8°♒12'46	-4.7m
desc. node	-2066 Apr 15 j 08:04	22°♒08'51	
	-2066 Apr 24 j 13:33	0°♓	
morning max el	-2066 May 01 j 14:28	6°♓31'19	45°47'55
	-2066 May 24 j 16:26	0°♈	
	-2066 Jun 20 j 17:54	0°♉	
	-2066 Jul 16 j 11:24	0°♊	
asc. node	-2066 Aug 06 j 09:13	25°♊08'30	
	-2066 Aug 10 j 08:56	0°♋	
	-2066 Sep 03 j 16:45	0°♌	
	-2066 Sep 27 j 16:04	0°♍	
	-2066 Oct 21 j 11:34	0°♎	
morning set	-2066 Oct 27 j 22:46	8°♎09'27	
	-2066 Nov 14 j 06:43	0°♏	
desc. node	-2066 Nov 26 j 01:14	14°♏48'42	
	-2066 Dec 08 j 03:29	0°♐	
superior conj	-2066 Dec 08 j 21:34	0°♐56'44	-0°29'38
minimum elong	-2066 Dec 08 j 13:55	0°♐32'42	0°29'19
max. Earth dist.	-2066 Dec 13 j 02:38	6°♐13'27	1.71362 AU
	-2065 Jan 01 j 02:45	0°♑	
evening rise	-2065 Jan 19 j 06:02	22°♑35'30	
	-2065 Jan 25 j 05:10	0°♒	
	-2065 Feb 18 j 11:43	0°♓	
	-2065 Mar 14 j 23:56	0°♈	
asc. node	-2065 Mar 19 j 01:41	4°♈57'01	
	-2065 Apr 08 j 19:44	0°♉	
	-2065 May 04 j 01:49	0°♊	
	-2065 May 29 j 23:23	0°♋	
	-2065 Jun 26 j 01:37	0°♌	
desc. node	-2065 Jul 08 j 17:30	13°♌11'56	
evening max el	-2065 Jul 16 j 06:43	20°♌40'49	46°16'37
	-2065 Jul 26 j 07:17	0°♍	
greatest brilliancy	-2065 Aug 26 j 00:16	20°♍11'14	-4.9m
retrograde	-2065 Sep 03 j 21:42	21°♍39'33	
evening set	-2065 Sep 20 j 20:48	16°♍14'20	
inferior conj	-2065 Sep 24 j 15:04	14°♍00'06	-7°34'55
minimum elong	-2065 Sep 25 j 00:58	13°♍45'05	7°33'12
min. Earth dist.	-2065 Sep 25 j 06:29	13°♍36'45	0.26805 AU
morning rise	-2065 Sep 29 j 04:48	11°♍17'19	
direct	-2065 Oct 15 j 03:50	6°♍17'49	
greatest brilliancy	-2065 Oct 26 j 01:16	8°♍32'14	-4.9m
asc. node	-2065 Oct 29 j 18:09	10°♍11'33	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2065 Nov 24 j 21:33	0°♎		
morning max el	-2065 Dec 04 j 22:20	9°♎51'18	46°52'32	
	-2065 Dec 23 j 18:24	0°♏		
	-2064 Jan 19 j 01:50	0°♐		
	-2064 Feb 13 j 13:51	0°♑		
desc. node	-2064 Feb 18 j 10:50	5°♑47'21		
	-2064 Mar 09 j 17:40	0°♒		
	-2064 Apr 03 j 16:47	0°♓		
	-2064 Apr 28 j 12:06	0°♈		
	-2064 May 23 j 03:23	0°♉		
morning set	-2064 Jun 04 j 03:48	14°♉42'51		
asc. node	-2064 Jun 10 j 11:31	22°♉28'50		
	-2064 Jun 16 j 14:07	0°♊		
max. Earth dist.	-2064 Jul 06 j 06:49	24°♊20'44	1.72736 AU	
superior conj	-2064 Jul 10 j 09:31	29°♊26'59	1°02'46	
minimum elong	-2064 Jul 10 j 00:47	28°♊59'52	1°02'32	
	-2064 Jul 10 j 20:09	0°♋		
	-2064 Aug 03 j 22:22	0°♌		
evening rise	-2064 Aug 16 j 00:55	15°♌07'31		
	-2064 Aug 27 j 22:29	0°♍		
	-2064 Sep 20 j 22:31	0°♎		
desc. node	-2064 Sep 30 j 03:23	11°♎29'00		
	-2064 Oct 15 j 00:05	0°♏		
	-2064 Nov 08 j 04:42	0°♐		
	-2064 Dec 02 j 14:56	0°♑		
	-2064 Dec 27 j 12:36	0°♒		
asc. node	-2063 Jan 21 j 03:42	28°♒33'29		
	-2063 Jan 22 j 10:31	0°♓		
evening max el	-2063 Feb 19 j 14:58	29°♓49'53	45°38'13	
	-2063 Feb 19 j 19:06	0°♈		
greatest brilliancy	-2063 Mar 29 j 14:22	27°♈59'37	-4.7m	
	-2063 Apr 06 j 22:05	0°♉		
retrograde	-2063 Apr 09 j 10:45	0°♉07'24		
	-2063 Apr 11 j 22:38	30°℞♈		
evening set	-2063 Apr 24 j 23:15	25°♈28'19		
inferior conj	-2063 Apr 30 j 21:38	21°♈53'47	2°42'29	
minimum elong	-2063 May 01 j 03:14	21°♈45'00	2°40'58	
min. Earth dist.	-2063 May 01 j 09:08	21°♈35'46	0.29096 AU	
morning rise	-2063 May 07 j 06:59	18°♈03'08		
desc. node	-2063 May 12 j 19:45	15°♈25'47		
direct	-2063 May 22 j 15:18	13°♈31'19		
greatest brilliancy	-2063 Jun 02 j 08:19	15°♈34'31	-4.7m	
	-2063 Jun 25 j 12:11	0°♉		
morning max el	-2063 Jul 10 j 18:08	13°♉40'08	45°59'28	
	-2063 Jul 26 j 20:09	0°♊		
	-2063 Aug 22 j 19:15	0°♋		
asc. node	-2063 Sep 02 j 20:57	12°♋57'20		
	-2063 Sep 17 j 02:46	0°♌		
	-2063 Oct 11 j 14:11	0°♍		
	-2063 Nov 04 j 16:03	0°♎		
	-2063 Nov 28 j 14:59	0°♏		
	-2063 Dec 22 j 14:39	0°♐		
desc. node	-2063 Dec 23 j 13:13	1°♐10'27		
morning set	-2062 Jan 13 j 08:11	27°♐05'11		
	-2062 Jan 15 j 16:24	0°♑		
	-2062 Feb 08 j 20:30	0°♒		
superior conj	-2062 Feb 22 j 06:43	16°♒36'37	-1°23'58	
minimum elong	-2062 Feb 22 j 09:01	16°♒43'43	1°24'00	
max. Earth dist.	-2062 Feb 25 j 01:59	20°♒04'23	1.72943 AU	
	-2062 Mar 05 j 03:01	0°♓		
	-2062 Mar 29 j 12:06	0°♈		
evening rise	-2062 Apr 01 j 03:48	3°♈15'28		
asc. node	-2062 Apr 15 j 13:38	20°♈55'02		
	-2062 Apr 22 j 23:50	0°♉		
	-2062 May 17 j 14:17	0°♊		
	-2062 Jun 11 j 08:00	0°♋		
	-2062 Jul 06 j 06:44	0°♌		
	-2062 Jul 31 j 14:11	0°♍		
desc. node	-2062 Aug 05 j 05:20	5°♍25'08		
	-2062 Aug 26 j 13:52	0°♎		
	-2062 Sep 23 j 02:13	0°♏		
evening max el	-2062 Sep 27 j 20:17	4°♏51'31	47°26'56	
	-2062 Oct 26 j 16:24	0°♐		
greatest brilliancy	-2062 Nov 07 j 12:29	6°♐19'20	-4.9m	
retrograde	-2062 Nov 17 j 17:48	8°♐19'25		
asc. node	-2062 Nov 26 j 06:00	6°♐48'10		
evening set	-2062 Dec 02 j 05:30	4°♐03'33		
min. Earth dist.	-2062 Dec 07 j 11:25	0°♐57'08	0.26699 AU	
inferior conj	-2062 Dec 08 j 08:25	0°♐24'39	3°02'07	
minimum elong	-2062 Dec 08 j 02:02	0°♐34'31	3°00'10	
	-2062 Dec 09 j 00:22	30°℞♏		
morning rise	-2062 Dec 13 j 23:22	27°♏04'26		
direct	-2062 Dec 28 j 17:08	22°♏44'18		
greatest brilliancy	-2061 Jan 06 j 21:20	24°♏20'54	-4.9m	
	-2061 Jan 18 j 07:40	0°♐		
morning max el	-2061 Feb 16 j 08:44	24°♐18'56	46°18'52	
	-2061 Feb 22 j 01:51	0°♑		
desc. node	-2061 Mar 17 j 22:32	25°♑19'02		
	-2061 Mar 22 j 04:19	0°♒		
	-2061 Apr 17 j 15:23	0°♓		
	-2061 May 13 j 07:47	0°♈		
	-2061 Jun 07 j 11:54	0°♉		
	-2061 Jul 02 j 05:50	0°♊		
asc. node	-2061 Jul 08 j 23:27	8°♊14'54		
	-2061 Jul 26 j 14:45	0°♋		
morning set	-2061 Aug 12 j 17:58	21°♋19'30		
	-2061 Aug 19 j 16:27	0°♌		
	-2061 Sep 12 j 13:41	0°♍		
max. Earth dist.	-2061 Sep 18 j 12:55	7°♍30'50	1.71158 AU	
superior conj	-2061 Sep 19 j 23:43	9°♍20'23	1°14'35	
minimum elong	-2061 Sep 20 j 08:32	9°♍48'06	1°14'24	
	-2061 Oct 06 j 09:19	0°♎		
desc. node	-2061 Oct 28 j 15:24	28°♎00'12		
	-2061 Oct 30 j 05:32	0°♏		
evening rise	-2061 Oct 31 j 01:57	1°♏04'08		
	-2061 Nov 23 j 03:35	0°♐		
	-2061 Dec 17 j 04:33	0°♑		
	-2060 Jan 10 j 10:19	0°♒		
	-2060 Feb 04 j 00:19	0°♓		
asc. node	-2060 Feb 18 j 15:39	17°♓33'40		
	-2060 Feb 29 j 04:10	0°♈		
	-2060 Mar 26 j 07:37	0°♉		
	-2060 Apr 23 j 10:36	0°♊		
evening max el	-2060 May 01 j 10:15	7°♊48'58	45°14'22	
	-2060 May 28 j 20:08	0°♋		
greatest brilliancy	-2060 Jun 08 j 13:34	5°♋15'30	-4.7m	
desc. node	-2060 Jun 09 j 07:48	5°♋30'57		
retrograde	-2060 Jun 18 j 19:54	7°♋08'00		
evening set	-2060 Jul 04 j 17:30	2°♋23'36		
	-2060 Jul 08 j 19:15	30°℞♊		
inferior conj	-2060 Jul 10 j 02:39	29°♊11'52	-6°28'46	
minimum elong	-2060 Jul 09 j 16:27	29°♊27'32	6°26'41	
min. Earth dist.	-2060 Jul 10 j 09:30	29°♊01'20	0.28313 AU	
morning rise	-2060 Jul 14 j 15:00	26°♊28'32		
direct	-2060 Jul 31 j 13:50	21°♊04'50		
greatest brilliancy	-2060 Aug 11 j 12:03	23°♊15'03	-4.8m	
	-2060 Aug 23 j 23:08	0°♋		
morning max el	-2060 Sep 19 j 17:42	23°♋13'07	46°38'16	
	-2060 Sep 26 j 07:56	0°♌		
asc. node	-2060 Sep 30 j 08:40	4°♌16'38		
	-2060 Oct 23 j 06:36	0°♍		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2060 Nov 17 j 12:22	0°♎	
	-2060 Dec 12 j 03:09	0°♏	
	-2059 Jan 05 j 13:20	0°♐	
desc. node	-2059 Jan 20 j 01:04	17°♐48'57	
	-2059 Jan 29 j 23:01	0°♑	
	-2059 Feb 23 j 09:23	0°♒	
	-2059 Mar 19 j 20:27	0°♓	
morning set	-2059 Mar 26 j 16:27	8°♓22'41	
	-2059 Apr 13 j 07:45	0°♈	
max. Earth dist.	-2059 May 01 j 01:45	21°♈46'24	1.73705 AU
superior conj	-2059 May 02 j 04:55	23°♈09'42	-0°25'14
minimum elong	-2059 May 02 j 09:46	23°♈24'38	0°24'59
	-2059 May 07 j 18:37	0°♉	
asc. node	-2059 May 13 j 01:43	6°♉30'13	
	-2059 Jun 01 j 04:23	0°♊	
evening rise	-2059 Jun 07 j 00:44	7°♊11'51	
	-2059 Jun 25 j 12:52	0°♋	
	-2059 Jul 19 j 20:47	0°♌	
	-2059 Aug 13 j 05:41	0°♍	
desc. node	-2059 Sep 01 j 17:22	23°♍53'13	
	-2059 Sep 06 j 17:31	0°♎	
	-2059 Oct 01 j 10:49	0°♏	
	-2059 Oct 26 j 14:42	0°♐	
	-2059 Nov 21 j 19:03	0°♑	
evening max el	-2059 Dec 08 j 06:09	17°♑34'07	47°00'14
	-2059 Dec 21 j 01:59	0°♒	
asc. node	-2059 Dec 23 j 18:00	2°♒22'58	
greatest brilliancy	-2058 Jan 17 j 06:30	18°♒49'49	-4.8m
retrograde	-2058 Jan 27 j 23:14	20°♒59'57	
evening set	-2058 Feb 14 j 20:03	14°♒48'03	
inferior conj	-2058 Feb 18 j 05:22	12°♒39'32	8°26'27
minimum elong	-2058 Feb 18 j 06:12	12°♒38'11	8°26'25
min. Earth dist.	-2058 Feb 17 j 18:03	12°♒57'38	0.28669 AU
morning rise	-2058 Feb 21 j 16:35	10°♒28'25	
direct	-2058 Mar 11 j 10:34	4°♒26'28	
greatest brilliancy	-2058 Mar 20 j 15:33	5°♒59'36	-4.7m
desc. node	-2058 Apr 14 j 10:07	21°♒06'44	
	-2058 Apr 24 j 15:08	0°♓	
morning max el	-2058 Apr 29 j 05:13	4°♓17'42	45°48'23
	-2058 May 24 j 09:05	0°♈	
	-2058 Jun 20 j 07:44	0°♉	
	-2058 Jul 15 j 23:59	0°♊	
asc. node	-2058 Aug 05 j 11:13	24°♊37'57	
	-2058 Aug 09 j 20:53	0°♋	
	-2058 Sep 03 j 04:23	0°♌	
greatest brilliancy	-2058 Sep 18 j 01:51	18°♌36'32	-3.9m
	-2058 Sep 27 j 03:33	0°♍	
	-2058 Oct 20 j 22:57	0°♎	
morning set	-2058 Oct 25 j 09:24	5°♎35'42	
	-2058 Nov 13 j 18:02	0°♏	
desc. node	-2058 Nov 25 j 03:23	14°♏19'52	
superior conj	-2058 Dec 06 j 06:38	28°♏19'10	-0°25'50
minimum elong	-2058 Dec 05 j 23:50	27°♏57'50	0°25'33
	-2058 Dec 07 j 14:47	0°♐	
max. Earth dist.	-2058 Dec 10 j 07:03	3°♐21'29	1.71320 AU
	-2058 Dec 31 j 14:04	0°♑	
evening rise	-2057 Jan 16 j 17:39	20°♑07'21	
	-2057 Jan 24 j 16:29	0°♒	
	-2057 Feb 17 j 23:05	0°♓	
	-2057 Mar 14 j 11:30	0°♈	
asc. node	-2057 Mar 18 j 03:44	4°♈28'01	
	-2057 Apr 08 j 07:44	0°♉	
	-2057 May 03 j 14:42	0°♊	
	-2057 May 29 j 13:58	0°♋	
	-2057 Jun 25 j 19:55	0°♌	
desc. node	-2057 Jul 07 j 19:31	12°♌22'57	
evening max el	-2057 Jul 13 j 19:23	18°♌17'17	46°13'38
	-2057 Jul 26 j 14:12	0°♍	
greatest brilliancy	-2057 Aug 23 j 11:29	17°♍42'51	-4.8m
retrograde	-2057 Sep 01 j 10:03	19°♍11'55	
evening set	-2057 Sep 18 j 12:03	13°♍41'34	
inferior conj	-2057 Sep 22 j 03:16	11°♍31'50	-7°46'55
minimum elong	-2057 Sep 22 j 12:45	11°♍17'29	7°45'25
min. Earth dist.	-2057 Sep 22 j 18:52	11°♍08'16	0.26858 AU
morning rise	-2057 Sep 26 j 13:09	8°♍54'50	
direct	-2057 Oct 12 j 17:00	3°♍48'38	
greatest brilliancy	-2057 Oct 23 j 14:45	6°♍03'50	-4.9m
asc. node	-2057 Oct 28 j 20:19	8°♍31'02	
	-2057 Nov 25 j 01:03	0°♎	
morning max el	-2057 Dec 02 j 12:38	7°♎26'07	46°53'06
	-2057 Dec 23 j 12:23	0°♏	
	-2056 Jan 18 j 16:41	0°♐	
	-2056 Feb 13 j 03:10	0°♑	
desc. node	-2056 Feb 17 j 12:50	5°♑14'22	
	-2056 Mar 09 j 06:03	0°♒	
	-2056 Apr 03 j 04:33	0°♓	
	-2056 Apr 27 j 23:27	0°♈	
	-2056 May 22 j 14:29	0°♉	
morning set	-2056 Jun 01 j 22:30	12°♉39'08	
asc. node	-2056 Jun 09 j 13:41	22°♉01'35	
	-2056 Jun 16 j 01:07	0°♊	
max. Earth dist.	-2056 Jul 04 j 03:12	22°♊21'02	1.72791 AU
superior conj	-2056 Jul 08 j 03:28	27°♊19'31	1°00'36
minimum elong	-2056 Jul 07 j 18:44	26°♊52'26	1°00'21
	-2056 Jul 10 j 07:11	0°♋	
	-2056 Aug 03 j 09:31	0°♌	
evening rise	-2056 Aug 13 j 16:30	12°♌51'07	
	-2056 Aug 27 j 09:50	0°♍	
	-2056 Sep 20 j 10:07	0°♎	
desc. node	-2056 Sep 29 j 05:29	10°♎59'04	
	-2056 Oct 14 j 11:59	0°♏	
	-2056 Nov 07 j 16:57	0°♐	
	-2056 Dec 02 j 03:43	0°♑	
	-2056 Dec 27 j 02:20	0°♒	
asc. node	-2055 Jan 20 j 05:42	27°♒54'56	
	-2055 Jan 22 j 02:24	0°♓	
evening max el	-2055 Feb 17 j 07:21	27°♓39'03	45°40'29
	-2055 Feb 19 j 17:38	0°♈	
greatest brilliancy	-2055 Mar 27 j 06:50	25°♈51'17	-4.7m
retrograde	-2055 Apr 07 j 03:53	27°♈59'18	
evening set	-2055 Apr 22 j 17:52	23°♈17'27	
inferior conj	-2055 Apr 28 j 14:17	19°♈45'07	3°00'34
minimum elong	-2055 Apr 28 j 20:25	19°♈35'29	2°58'57
min. Earth dist.	-2055 Apr 29 j 01:18	19°♈27'49	0.29109 AU
morning rise	-2055 May 04 j 22:52	15°♈55'29	
desc. node	-2055 May 11 j 21:58	12°♈47'13	
direct	-2055 May 20 j 08:28	11°♈22'37	
greatest brilliancy	-2055 May 30 j 23:27	13°♈24'23	-4.7m
	-2055 Jun 25 j 18:48	0°♉	
morning max el	-2055 Jul 08 j 10:45	11°♉30'50	45°58'22
	-2055 Jul 26 j 13:47	0°♊	
	-2055 Aug 22 j 09:35	0°♋	
asc. node	-2055 Sep 01 j 23:04	12°♋23'22	
	-2055 Sep 16 j 15:43	0°♌	
	-2055 Oct 11 j 02:27	0°♍	
	-2055 Nov 04 j 03:57	0°♎	
	-2055 Nov 28 j 02:40	0°♏	
	-2055 Dec 22 j 02:08	0°♐	
desc. node	-2055 Dec 22 j 15:17	0°♐41'05	
morning set	-2054 Jan 10 j 19:05	24°♐34'35	
	-2054 Jan 15 j 03:41	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2054 Feb 08 j 07:38	0°♒	
superior conj	-2054 Feb 19 j 21:10	14°♒18'40	-1°24'19
minimum elong	-2054 Feb 19 j 22:39	14°♒23'15	1°24'20
max. Earth dist.	-2054 Feb 22 j 21:32	18°♒02'19	1.72893 AU
	-2054 Mar 04 j 14:03	0°♓	
	-2054 Mar 28 j 23:09	0°♈	
evening rise	-2054 Mar 29 j 20:49	1°♈06'31	
asc. node	-2054 Apr 14 j 15:49	20°♈27'43	
	-2054 Apr 22 j 11:00	0°♉	
	-2054 May 17 j 01:43	0°♊	
	-2054 Jun 10 j 19:54	0°♋	
	-2054 Jul 05 j 19:25	0°♌	
	-2054 Jul 31 j 04:09	0°♍	
desc. node	-2054 Aug 04 j 07:22	4°♍49'29	
	-2054 Aug 26 j 06:14	0°♎	
	-2054 Sep 23 j 00:21	0°♏	
evening max el	-2054 Sep 25 j 11:05	2°♏28'55	47°25'36
	-2054 Oct 28 j 03:45	0°♐	
greatest brilliancy	-2054 Nov 05 j 02:48	3°♐51'29	-4.9m
retrograde	-2054 Nov 15 j 06:58	5°♐49'58	
asc. node	-2054 Nov 25 j 08:10	3°♐43'51	
evening set	-2054 Nov 29 j 17:32	1°♐36'32	
	-2054 Dec 02 j 12:39	30°℞♏	
min. Earth dist.	-2054 Dec 05 j 01:16	28°♏27'25	0.26646 AU
inferior conj	-2054 Dec 05 j 21:11	27°♏56'35	2°39'47
minimum elong	-2054 Dec 05 j 15:30	28°♏05'23	2°38'00
morning rise	-2054 Dec 11 j 14:17	24°♏33'29	
direct	-2054 Dec 26 j 05:50	20°♏17'23	
greatest brilliancy	-2053 Jan 04 j 10:52	21°♏54'38	-4.9m
	-2053 Jan 19 j 11:58	0°♐	
morning max el	-2053 Feb 13 j 21:35	21°♐55'29	46°20'18
	-2053 Feb 21 j 22:50	0°♑	
desc. node	-2053 Mar 17 j 00:41	24°♑40'23	
	-2053 Mar 21 j 19:56	0°♒	
	-2053 Apr 17 j 04:47	0°♓	
	-2053 May 12 j 20:03	0°♈	
	-2053 Jun 06 j 23:32	0°♉	
	-2053 Jul 01 j 17:05	0°♊	
asc. node	-2053 Jul 08 j 01:26	7°♊46'35	
	-2053 Jul 26 j 01:49	0°♋	
morning set	-2053 Aug 10 j 09:37	19°♋04'06	
	-2053 Aug 19 j 03:28	0°♌	
	-2053 Sep 12 j 00:43	0°♍	
max. Earth dist.	-2053 Sep 15 j 18:33	4°♍42'40	1.71195 AU
superior conj	-2053 Sep 17 j 12:50	6°♍55'49	1°16'13
minimum elong	-2053 Sep 17 j 21:03	7°♍21'40	1°16'04
	-2053 Oct 05 j 20:26	0°♎	
desc. node	-2053 Oct 27 j 17:36	27°♎31'51	
evening rise	-2053 Oct 28 j 11:27	28°♎27'57	
	-2053 Oct 29 j 16:45	0°♏	
	-2053 Nov 22 j 14:56	0°♐	
	-2053 Dec 16 j 16:02	0°♑	
	-2052 Jan 09 j 22:02	0°♒	
	-2052 Feb 03 j 12:29	0°♓	
asc. node	-2052 Feb 17 j 17:45	17°♓02'35	
	-2052 Feb 28 j 17:13	0°♈	
	-2052 Mar 25 j 22:38	0°♉	
	-2052 Apr 23 j 06:55	0°♊	
evening max el	-2052 Apr 29 j 00:24	5°♊34'02	45°13'43
	-2052 May 30 j 08:13	0°♋	
greatest brilliancy	-2052 Jun 06 j 03:41	3°♋01'38	-4.7m
desc. node	-2052 Jun 08 j 09:49	3°♋44'38	
retrograde	-2052 Jun 16 j 10:13	4°♋54'46	
evening set	-2052 Jul 02 j 05:27	0°♋13'55	
	-2052 Jul 02 j 15:28	30°℞♊	
inferior conj	-2052 Jul 07 j 17:42	26°♊58'03	-6°14'10
minimum elong	-2052 Jul 07 j 07:29	27°♊13'44	6°12'00
min. Earth dist.	-2052 Jul 08 j 00:50	26°♊47'04	0.28351 AU
morning rise	-2052 Jul 12 j 09:02	24°♊10'14	
direct	-2052 Jul 29 j 04:42	18°♊50'06	
greatest brilliancy	-2052 Aug 09 j 04:16	21°♊00'57	-4.8m
	-2052 Aug 24 j 19:15	0°♋	
morning max el	-2052 Sep 17 j 07:22	20°♋51'07	46°37'12
	-2052 Sep 26 j 03:39	0°♌	
asc. node	-2052 Sep 29 j 10:48	3°♌31'51	
	-2052 Oct 22 j 21:51	0°♍	
	-2052 Nov 17 j 01:50	0°♎	
	-2052 Dec 11 j 15:41	0°♏	
	-2051 Jan 05 j 01:16	0°♐	
desc. node	-2051 Jan 19 j 03:04	17°♐19'09	
	-2051 Jan 29 j 10:32	0°♑	
	-2051 Feb 22 j 20:36	0°♒	
	-2051 Mar 19 j 07:25	0°♓	
morning set	-2051 Mar 24 j 09:23	6°♓14'00	
	-2051 Apr 12 j 18:33	0°♈	
max. Earth dist.	-2051 Apr 28 j 21:55	19°♈48'05	1.73706 AU
superior conj	-2051 Apr 29 j 23:22	21°♈06'10	-0°28'11
minimum elong	-2051 Apr 30 j 04:45	21°♈22'41	0°27'54
	-2051 May 07 j 05:21	0°♉	
asc. node	-2051 May 12 j 03:50	6°♉03'44	
	-2051 May 31 j 15:10	0°♊	
evening rise	-2051 Jun 04 j 20:03	5°♊10'17	
	-2051 Jun 24 j 23:51	0°♋	
	-2051 Jul 19 j 08:06	0°♌	
	-2051 Aug 12 j 17:26	0°♍	
desc. node	-2051 Aug 31 j 19:32	23°♍22'38	
	-2051 Sep 06 j 05:50	0°♎	
	-2051 Sep 30 j 23:57	0°♏	
	-2051 Oct 26 j 05:15	0°♐	
	-2051 Nov 21 j 12:41	0°♑	
evening max el	-2051 Dec 05 j 20:26	15°♑13'15	47°02'43
	-2051 Dec 21 j 06:42	0°♒	
asc. node	-2051 Dec 22 j 19:56	1°♒21'06	
greatest brilliancy	-2050 Jan 14 j 22:55	16°♒35'57	-4.8m
retrograde	-2050 Jan 25 j 15:37	18°♒46'41	
evening set	-2050 Feb 12 j 11:52	12°♒35'11	
inferior conj	-2050 Feb 15 j 21:30	10°♒26'25	8°27'30
minimum elong	-2050 Feb 15 j 21:36	10°♒26'16	8°27'28
min. Earth dist.	-2050 Feb 15 j 09:07	10°♒46'11	0.28620 AU
morning rise	-2050 Feb 19 j 07:31	8°♒17'20	
direct	-2050 Mar 09 j 01:31	2°♒14'02	
greatest brilliancy	-2050 Mar 18 j 06:22	3°♒47'07	-4.7m
desc. node	-2050 Apr 13 j 12:18	20°♒07'03	
	-2050 Apr 24 j 15:10	0°♓	
morning max el	-2050 Apr 26 j 20:52	2°♓06'55	45°48'53
	-2050 May 24 j 01:09	0°♈	
	-2050 Jun 19 j 21:09	0°♉	
	-2050 Jul 15 j 12:10	0°♊	
asc. node	-2050 Aug 04 j 13:20	24°♊08'54	
	-2050 Aug 09 j 08:27	0°♋	
	-2050 Sep 02 j 15:39	0°♌	
greatest brilliancy	-2050 Sep 21 j 11:32	23°♌33'02	-3.9m
	-2050 Sep 26 j 14:41	0°♍	
	-2050 Oct 20 j 10:01	0°♎	
morning set	-2050 Oct 22 j 20:24	3°♎04'08	
	-2050 Nov 13 j 05:03	0°♏	
desc. node	-2050 Nov 24 j 05:27	13°♏51'48	
superior conj	-2050 Dec 03 j 15:57	25°♏43'20	-0°22'00
minimum elong	-2050 Dec 03 j 10:04	25°♏24'52	0°21'45
	-2050 Dec 07 j 01:45	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2050 Dec 07 j 13:07	0°♐35'41	1.71277 AU	
	-2050 Dec 31 j 00:59	0°♑		
evening rise	-2049 Jan 14 j 05:31	17°♑41'09		
	-2049 Jan 24 j 03:24	0°♒		
	-2049 Feb 17 j 10:04	0°♓		
	-2049 Mar 13 j 22:42	0°♈		
asc. node	-2049 Mar 17 j 05:54	4°♈00'25		
	-2049 Apr 07 j 19:27	0°♉		
	-2049 May 03 j 03:20	0°♊		
	-2049 May 29 j 04:22	0°♋		
	-2049 Jun 25 j 14:15	0°♌		
desc. node	-2049 Jul 06 j 21:34	11°♌34'23		
evening max el	-2049 Jul 11 j 09:04	15°♌57'40	46°10'46	
	-2049 Jul 26 j 22:58	0°♍		
greatest brilliancy	-2049 Aug 20 j 22:26	15°♍16'04	-4.8m	
retrograde	-2049 Aug 29 j 22:38	16°♍45'58		
evening set	-2049 Sep 16 j 03:23	11°♍10'48		
inferior conj	-2049 Sep 19 j 15:37	9°♍05'16	-7°58'02	
minimum elong	-2049 Sep 20 j 00:36	8°♍51'41	7°56'42	
min. Earth dist.	-2049 Sep 20 j 07:02	8°♍41'58	0.26913 AU	
morning rise	-2049 Sep 23 j 21:35	6°♍33'59		
direct	-2049 Oct 10 j 06:42	1°♍21'20		
greatest brilliancy	-2049 Oct 21 j 03:47	3°♍36'19	-4.9m	
asc. node	-2049 Oct 27 j 22:27	6°♍55'27		
	-2049 Nov 25 j 02:35	0°♎		
morning max el	-2049 Nov 30 j 03:13	5°♎02'50	46°53'34	
	-2049 Dec 23 j 05:34	0°♏		
	-2048 Jan 18 j 06:57	0°♐		
	-2048 Feb 12 j 15:56	0°♑		
desc. node	-2048 Feb 16 j 15:02	4°♑43'23		
	-2048 Mar 08 j 17:55	0°♒		
	-2048 Apr 02 j 15:50	0°♓		
	-2048 Apr 27 j 10:22	0°♈		
	-2048 May 22 j 01:13	0°♉		
morning set	-2048 May 30 j 17:17	10°♉36'50		
asc. node	-2048 Jun 08 j 15:41	21°♉34'57		
	-2048 Jun 15 j 11:46	0°♊		
max. Earth dist.	-2048 Jul 01 j 21:50	20°♊17'07	1.72843 AU	
superior conj	-2048 Jul 05 j 21:30	25°♊13'30	0°58'22	
minimum elong	-2048 Jul 05 j 12:48	24°♊46'34	0°58'05	
	-2048 Jul 09 j 17:51	0°♋		
	-2048 Aug 02 j 20:17	0°♌		
evening rise	-2048 Aug 11 j 08:14	10°♌36'27		
	-2048 Aug 26 j 20:47	0°♍		
	-2048 Sep 19 j 21:20	0°♎		
desc. node	-2048 Sep 28 j 07:37	10°♎30'27		
	-2048 Oct 13 j 23:32	0°♏		
	-2048 Nov 07 j 04:53	0°♐		
	-2048 Dec 01 j 16:11	0°♑		
	-2048 Dec 26 j 15:48	0°♒		
asc. node	-2047 Jan 19 j 07:53	27°♒17'48		
	-2047 Jan 21 j 18:07	0°♓		
evening max el	-2047 Feb 14 j 23:42	25°♓29'17	45°42'49	
	-2047 Feb 19 j 16:33	0°♈		
greatest brilliancy	-2047 Mar 24 j 23:59	23°♈45'18	-4.7m	
retrograde	-2047 Apr 04 j 20:44	25°♈52'49		
evening set	-2047 Apr 20 j 12:44	21°♈08'17		
inferior conj	-2047 Apr 26 j 07:07	17°♈38'13	3°18'20	
minimum elong	-2047 Apr 26 j 13:45	17°♈27'47	3°16'36	
min. Earth dist.	-2047 Apr 26 j 17:49	17°♈21'23	0.29120 AU	
morning rise	-2047 May 02 j 14:44	13°♈49'36		
desc. node	-2047 May 10 j 23:59	10°♈14'56		
direct	-2047 May 18 j 01:42	9°♈15'46		
greatest brilliancy	-2047 May 28 j 14:46	11°♈15'49	-4.7m	
	-2047 Jun 25 j 22:52	0°♉		
morning max el	-2047 Jul 06 j 02:45	9°♉21'05	45°57'12	
	-2047 Jul 26 j 06:43	0°♊		
	-2047 Aug 21 j 23:27	0°♋		
asc. node	-2047 Sep 01 j 01:16	11°♋50'41		
	-2047 Sep 16 j 04:17	0°♌		
	-2047 Oct 10 j 14:21	0°♍		
	-2047 Nov 03 j 15:30	0°♎		
	-2047 Nov 27 j 14:00	0°♏		
desc. node	-2047 Dec 21 j 17:16	0°♐12'25		
	-2047 Dec 21 j 13:17	0°♐		
morning set	-2046 Jan 08 j 05:51	22°♐04'20		
	-2046 Jan 14 j 14:41	0°♑		
	-2046 Feb 07 j 18:28	0°♒		
superior conj	-2046 Feb 17 j 11:34	12°♒01'23	-1°24'31	
minimum elong	-2046 Feb 17 j 12:12	12°♒03'21	1°24'33	
max. Earth dist.	-2046 Feb 20 j 17:05	16°♒01'04	1.72837 AU	
	-2046 Mar 04 j 00:48	0°♓		
evening rise	-2046 Mar 27 j 13:51	28°♓58'30		
	-2046 Mar 28 j 09:53	0°♈		
asc. node	-2046 Apr 13 j 17:56	20°♈01'11		
	-2046 Apr 21 j 21:51	0°♉		
	-2046 May 16 j 12:51	0°♊		
	-2046 Jun 10 j 07:33	0°♋		
	-2046 Jul 05 j 07:55	0°♌		
	-2046 Jul 30 j 18:02	0°♍		
desc. node	-2046 Aug 03 j 09:31	4°♍14'35		
	-2046 Aug 25 j 22:40	0°♎		
	-2046 Sep 22 j 23:04	0°♏		
evening max el	-2046 Sep 23 j 00:55	0°♏04'41	47°24'18	
	-2046 Oct 30 j 08:30	0°♐		
greatest brilliancy	-2046 Nov 02 j 17:43	1°♐25'12	-4.9m	
retrograde	-2046 Nov 12 j 19:43	3°♐21'31		
asc. node	-2046 Nov 24 j 10:10	0°♐35'34		
	-2046 Nov 25 j 15:40	30°℞♏		
evening set	-2046 Nov 27 j 05:50	29°♏10'04		
min. Earth dist.	-2046 Dec 02 j 15:34	25°♏58'11	0.26597 AU	
inferior conj	-2046 Dec 03 j 10:03	25°♏29'33	2°17'02	
minimum elong	-2046 Dec 03 j 05:07	25°♏37'12	2°15'28	
morning rise	-2046 Dec 09 j 05:07	22°♏03'39		
direct	-2046 Dec 23 j 18:03	17°♏51'13		
greatest brilliancy	-2045 Jan 02 j 01:04	19°♏29'46	-4.9m	
	-2045 Jan 20 j 08:18	0°♐		
morning max el	-2045 Feb 11 j 09:58	19°♐31'16	46°21'44	
	-2045 Feb 21 j 18:54	0°♑		
desc. node	-2045 Mar 16 j 02:47	24°♑02'30		
	-2045 Mar 21 j 11:06	0°♒		
	-2045 Apr 16 j 17:53	0°♓		
	-2045 May 12 j 08:04	0°♈		
	-2045 Jun 06 j 10:55	0°♉		
	-2045 Jul 01 j 04:08	0°♊		
asc. node	-2045 Jul 07 j 03:37	7°♊19'32		
	-2045 Jul 25 j 12:42	0°♋		
morning set	-2045 Aug 08 j 01:19	16°♋49'19		
	-2045 Aug 18 j 14:21	0°♌		
	-2045 Sep 11 j 11:41	0°♍		
max. Earth dist.	-2045 Sep 13 j 01:50	2°♍00'04	1.71237 AU	
superior conj	-2045 Sep 15 j 01:56	4°♍31'24	1°17'43	
minimum elong	-2045 Sep 15 j 09:29	4°♍55'13	1°17'35	
	-2045 Oct 05 j 07:30	0°♎		
evening rise	-2045 Oct 25 j 20:48	25°♎51'32		
desc. node	-2045 Oct 26 j 19:36	27°♎03'09		
	-2045 Oct 29 j 03:54	0°♏		
	-2045 Nov 22 j 02:10	0°♐		
	-2045 Dec 16 j 03:26	0°♑		
	-2044 Jan 09 j 09:42	0°♒		
	-2044 Feb 03 j 00:38	0°♓		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2044 Feb 16 j 19:56	16°♓31'42	
	-2044 Feb 28 j 06:19	0°♈	
	-2044 Mar 25 j 13:48	0°♉	
	-2044 Apr 23 j 03:49	0°♊	
evening max el	-2044 Apr 26 j 14:44	3°♊19'55	45°13'19
	-2044 Jun 01 j 15:23	0°♋	
greatest brilliancy	-2044 Jun 03 j 17:19	0°♋47'54	-4.7m
desc. node	-2044 Jun 07 j 11:51	1°♋54'55	
retrograde	-2044 Jun 14 j 01:04	2°♋42'26	
	-2044 Jun 25 j 21:13	30°℞♊	
evening set	-2044 Jun 29 j 17:40	28°♊04'36	
inferior conj	-2044 Jul 05 j 08:51	24°♊44'56	-5°59'03
minimum elong	-2044 Jul 04 j 22:41	25°♊00'32	5°56'47
min. Earth dist.	-2044 Jul 05 j 16:04	24°♊33'50	0.28389 AU
morning rise	-2044 Jul 10 j 03:11	21°♊52'53	
direct	-2044 Jul 26 j 19:51	16°♊36'02	
greatest brilliancy	-2044 Aug 06 j 20:29	18°♊47'38	-4.8m
	-2044 Aug 25 j 10:04	0°♋	
morning max el	-2044 Sep 14 j 22:05	18°♋32'03	46°35'54
	-2044 Sep 25 j 22:48	0°♌	
asc. node	-2044 Sep 28 j 12:55	2°♌47'33	
	-2044 Oct 22 j 12:59	0°♍	
	-2044 Nov 16 j 15:18	0°♎	
	-2044 Dec 11 j 04:15	0°♏	
	-2043 Jan 04 j 13:14	0°♐	
desc. node	-2043 Jan 18 j 05:18	16°♐49'56	
	-2043 Jan 28 j 22:05	0°♑	
	-2043 Feb 22 j 07:50	0°♒	
	-2043 Mar 18 j 18:26	0°♓	
morning set	-2043 Mar 22 j 02:05	4°♓04'20	
	-2043 Apr 12 j 05:25	0°♈	
max. Earth dist.	-2043 Apr 26 j 18:51	17°♈51'52	1.73706 AU
superior conj	-2043 Apr 27 j 17:47	19°♈02'14	-0°31'06
minimum elong	-2043 Apr 27 j 23:40	19°♈20'18	0°30'48
	-2043 May 06 j 16:10	0°♉	
asc. node	-2043 May 11 j 05:51	5°♉36'43	
	-2043 May 31 j 02:02	0°♊	
evening rise	-2043 Jun 02 j 15:30	3°♊09'01	
	-2043 Jun 24 j 10:54	0°♋	
	-2043 Jul 18 j 19:28	0°♌	
	-2043 Aug 12 j 05:15	0°♍	
desc. node	-2043 Aug 30 j 21:39	22°♍51'38	
	-2043 Sep 05 j 18:17	0°♎	
	-2043 Sep 30 j 13:21	0°♏	
	-2043 Oct 25 j 20:13	0°♐	
	-2043 Nov 21 j 07:03	0°♑	
evening max el	-2043 Dec 03 j 11:35	12°♑53'38	47°05'13
asc. node	-2043 Dec 21 j 22:09	0°♒17'14	
	-2043 Dec 21 j 14:00	0°♒	
greatest brilliancy	-2042 Jan 12 j 14:43	14°♒20'00	-4.8m
retrograde	-2042 Jan 23 j 08:18	16°♒31'49	
evening set	-2042 Feb 10 j 03:08	10°♒21'08	
min. Earth dist.	-2042 Feb 12 j 23:36	8°♒33'35	0.28567 AU
inferior conj	-2042 Feb 13 j 13:22	8°♒11'38	8°27'43
minimum elong	-2042 Feb 13 j 12:43	8°♒12'40	8°27'40
morning rise	-2042 Feb 16 j 22:32	6°♒04'09	
direct	-2042 Mar 06 j 16:33	0°♒00'02	
greatest brilliancy	-2042 Mar 15 j 20:19	1°♒32'36	-4.8m
desc. node	-2042 Apr 12 j 14:23	19°♒07'41	
morning max el	-2042 Apr 24 j 13:10	29°♒56'56	45°49'25
	-2042 Apr 24 j 14:27	0°♓	
	-2042 May 23 j 17:11	0°♈	
	-2042 Jun 19 j 10:41	0°♉	
	-2042 Jul 15 j 00:31	0°♊	
asc. node	-2042 Aug 03 j 15:32	23°♊39'32	
	-2042 Aug 08 j 20:11	0°♋	
	-2042 Sep 02 j 03:05	0°♌	
greatest brilliancy	-2042 Sep 23 j 08:27	26°♌34'02	-3.9m
	-2042 Sep 26 j 01:58	0°♍	
	-2042 Oct 19 j 21:15	0°♎	
morning set	-2042 Oct 20 j 07:36	0°♎32'38	
	-2042 Nov 12 j 16:17	0°♏	
desc. node	-2042 Nov 23 j 07:30	13°♏22'50	
superior conj	-2042 Dec 01 j 00:51	23°♏05'15	-0°18'04
minimum elong	-2042 Nov 30 j 19:58	22°♏49'53	0°17'52
max. Earth dist.	-2042 Dec 04 j 20:36	27°♏53'15	1.71243 AU
	-2042 Dec 06 j 13:00	0°♐	
	-2042 Dec 30 j 12:14	0°♑	
evening rise	-2041 Jan 11 j 16:46	15°♑11'54	
	-2041 Jan 23 j 14:38	0°♒	
	-2041 Feb 16 j 21:24	0°♓	
	-2041 Mar 13 j 10:16	0°♈	
asc. node	-2041 Mar 16 j 07:58	3°♈31'27	
	-2041 Apr 07 j 07:32	0°♉	
	-2041 May 02 j 16:25	0°♊	
	-2041 May 28 j 19:19	0°♋	
	-2041 Jun 25 j 09:25	0°♌	
desc. node	-2041 Jul 05 j 23:49	10°♌44'34	
evening max el	-2041 Jul 08 j 23:28	13°♌39'04	46°07'57
	-2041 Jul 27 j 11:07	0°♍	
greatest brilliancy	-2041 Aug 18 j 09:45	12°♍49'39	-4.8m
retrograde	-2041 Aug 27 j 11:09	14°♍19'54	
evening set	-2041 Sep 13 j 18:48	8°♍40'32	
inferior conj	-2041 Sep 17 j 04:11	6°♍38'54	-8°08'07
minimum elong	-2041 Sep 17 j 12:36	6°♍26'09	8°06'58
min. Earth dist.	-2041 Sep 17 j 19:22	6°♍15'54	0.26963 AU
morning rise	-2041 Sep 21 j 06:13	4°♍13'05	
	-2041 Sep 30 j 13:39	30°℞♌	
direct	-2041 Oct 07 j 20:33	28°♌54'29	
	-2041 Oct 15 j 08:02	0°♍	
greatest brilliancy	-2041 Oct 18 j 16:41	1°♍08'32	-4.9m
asc. node	-2041 Oct 27 j 00:30	5°♍22'57	
	-2041 Nov 25 j 03:07	0°♎	
morning max el	-2041 Nov 27 j 17:14	2°♎37'27	46°53'44
	-2041 Dec 22 j 22:43	0°♏	
	-2040 Jan 17 j 21:27	0°♐	
	-2040 Feb 12 j 05:03	0°♑	
desc. node	-2040 Feb 15 j 17:06	4°♑10'52	
	-2040 Mar 08 j 06:10	0°♒	
	-2040 Apr 02 j 03:30	0°♓	
	-2040 Apr 26 j 21:40	0°♈	
	-2040 May 21 j 12:18	0°♉	
morning set	-2040 May 28 j 11:53	8°♉32'54	
asc. node	-2040 Jun 07 j 17:50	21°♉07'42	
	-2040 Jun 14 j 22:47	0°♊	
max. Earth dist.	-2040 Jun 29 j 14:45	18°♊06'49	1.72894 AU
superior conj	-2040 Jul 03 j 15:32	23°♊06'27	0°56'02
minimum elong	-2040 Jul 03 j 06:56	22°♊39'48	0°55'46
	-2040 Jul 09 j 04:54	0°♋	
	-2040 Aug 02 j 07:26	0°♌	
evening rise	-2040 Aug 09 j 00:10	8°♌21'20	
	-2040 Aug 26 j 08:07	0°♍	
	-2040 Sep 19 j 08:53	0°♎	
desc. node	-2040 Sep 27 j 09:38	10°♎00'30	
	-2040 Oct 13 j 11:22	0°♏	
	-2040 Nov 06 j 17:07	0°♐	
	-2040 Dec 01 j 05:01	0°♑	
	-2040 Dec 26 j 05:43	0°♒	
asc. node	-2039 Jan 18 j 10:02	26°♒38'58	
	-2039 Jan 21 j 10:33	0°♓	
evening max el	-2039 Feb 12 j 15:24	23°♓16'17	45°45'02

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2039 Feb 19 j 17:11	0°♈	
greatest brilliancy	-2039 Mar 22 j 17:34	21°♈37'59	-4.7m
retrograde	-2039 Apr 02 j 13:04	23°♈44'31	
evening set	-2039 Apr 18 j 07:35	18°♈57'08	
inferior conj	-2039 Apr 23 j 23:52	15°♈29'40	3°35'50
minimum elong	-2039 Apr 24 j 06:58	15°♈18'29	3°34'00
min. Earth dist.	-2039 Apr 24 j 10:34	15°♈12'48	0.29130 AU
morning rise	-2039 Apr 30 j 06:17	11°♈42'10	
desc. node	-2039 May 10 j 02:02	7°♈45'08	
direct	-2039 May 15 j 18:18	7°♈07'13	
greatest brilliancy	-2039 May 26 j 06:20	9°♈05'56	-4.7m
	-2039 Jun 26 j 01:54	0°♉	
morning max el	-2039 Jul 03 j 17:54	7°♉08'01	45°56'08
	-2039 Jul 25 j 23:46	0°♊	
	-2039 Aug 21 j 13:36	0°♋	
asc. node	-2039 Aug 31 j 03:16	11°♋16'25	
	-2039 Sep 15 j 17:08	0°♌	
	-2039 Oct 10 j 02:34	0°♍	
	-2039 Nov 03 j 03:20	0°♎	
	-2039 Nov 27 j 01:36	0°♏	
desc. node	-2039 Dec 20 j 19:29	29°♏43'44	
	-2039 Dec 21 j 00:41	0°♐	
morning set	-2038 Jan 05 j 16:48	19°♐33'48	
	-2038 Jan 14 j 01:55	0°♑	
	-2038 Feb 07 j 05:36	0°♒	
superior conj	-2038 Feb 15 j 01:57	9°♒43'05	-1°24'33
minimum elong	-2038 Feb 15 j 01:44	9°♒42'25	1°24'36
max. Earth dist.	-2038 Feb 18 j 11:16	13°♒54'33	1.72785 AU
	-2038 Mar 03 j 11:53	0°♓	
evening rise	-2038 Mar 25 j 06:34	26°♓48'25	
	-2038 Mar 27 j 20:59	0°♈	
asc. node	-2038 Apr 12 j 19:57	19°♈33'13	
	-2038 Apr 21 j 09:05	0°♉	
	-2038 May 16 j 00:23	0°♊	
	-2038 Jun 09 j 19:37	0°♋	
	-2038 Jul 04 j 20:51	0°♌	
	-2038 Jul 30 j 08:26	0°♍	
desc. node	-2038 Aug 02 j 11:36	3°♍38'08	
	-2038 Aug 25 j 15:48	0°♎	
evening max el	-2038 Sep 20 j 14:01	27°♎37'34	47°22'55
	-2038 Sep 22 j 23:12	0°♏	
greatest brilliancy	-2038 Oct 31 j 08:55	28°♏58'11	-4.9m
	-2038 Nov 03 j 16:19	0°♐	
retrograde	-2038 Nov 10 j 08:20	0°♐52'19	
	-2038 Nov 16 j 19:58	30°℞♏	
asc. node	-2038 Nov 23 j 12:21	27°♏21'32	
evening set	-2038 Nov 24 j 18:17	26°♏42'13	
inferior conj	-2038 Nov 30 j 22:54	23°♏01'47	1°53'58
minimum elong	-2038 Nov 30 j 18:45	23°♏08'13	1°52'38
min. Earth dist.	-2038 Nov 30 j 06:04	23°♏27'49	0.26548 AU
morning rise	-2038 Dec 06 j 19:47	19°♏33'24	
direct	-2038 Dec 21 j 05:49	15°♏24'05	
greatest brilliancy	-2038 Dec 30 j 15:34	17°♏04'36	-4.9m
	-2037 Jan 20 j 23:40	0°♐	
morning max el	-2037 Feb 08 j 22:35	17°♐06'54	46°23'16
	-2037 Feb 21 j 14:32	0°♑	
desc. node	-2037 Mar 15 j 04:50	23°♑24'19	
	-2037 Mar 21 j 02:17	0°♒	
	-2037 Apr 16 j 07:08	0°♓	
	-2037 May 11 j 20:18	0°♈	
	-2037 Jun 05 j 22:34	0°♉	
	-2037 Jun 30 j 15:26	0°♊	
asc. node	-2037 Jul 06 j 05:46	6°♊51'36	
	-2037 Jul 24 j 23:51	0°♋	
morning set	-2037 Aug 05 j 16:59	14°♋33'49	
	-2037 Aug 18 j 01:28	0°♌	
max. Earth dist.	-2037 Sep 10 j 12:02	29°♌25'55	1.71282 AU
	-2037 Sep 10 j 22:52	0°♍	
superior conj	-2037 Sep 12 j 15:03	2°♍06'25	1°19'04
minimum elong	-2037 Sep 12 j 21:54	2°♍27'59	1°18'58
	-2037 Oct 04 j 18:47	0°♎	
evening rise	-2037 Oct 23 j 06:17	23°♎14'50	
desc. node	-2037 Oct 25 j 21:42	26°♎34'00	
	-2037 Oct 28 j 15:18	0°♏	
	-2037 Nov 21 j 13:40	0°♐	
	-2037 Dec 15 j 15:03	0°♑	
	-2036 Jan 08 j 21:33	0°♒	
	-2036 Feb 02 j 12:56	0°♓	
asc. node	-2036 Feb 15 j 21:58	15°♓59'58	
	-2036 Feb 27 j 19:36	0°♈	
	-2036 Mar 25 j 05:17	0°♉	
	-2036 Apr 23 j 01:41	0°♊	
evening max el	-2036 Apr 24 j 05:58	1°♊07'37	45°12'53
greatest brilliancy	-2036 Jun 01 j 06:32	28°♊33'17	-4.7m
desc. node	-2036 Jun 06 j 14:05	0°♋00'36	
	-2036 Jun 06 j 12:49	0°♋	
retrograde	-2036 Jun 11 j 16:23	0°♋29'42	
	-2036 Jun 16 j 17:01	30°℞♊	
evening set	-2036 Jun 27 j 06:07	25°♊54'43	
inferior conj	-2036 Jul 03 j 00:02	22°♊31'21	-5°43'17
minimum elong	-2036 Jul 02 j 14:00	22°♊46'45	5°41'00
min. Earth dist.	-2036 Jul 03 j 07:05	22°♊20'32	0.28428 AU
morning rise	-2036 Jul 07 j 21:23	19°♊35'12	
direct	-2036 Jul 24 j 11:37	14°♊21'37	
greatest brilliancy	-2036 Aug 04 j 12:21	16°♊33'38	-4.8m
	-2036 Aug 25 j 21:22	0°♋	
morning max el	-2036 Sep 12 j 13:39	16°♋14'58	46°34'33
	-2036 Sep 25 j 17:38	0°♌	
asc. node	-2036 Sep 27 j 15:01	2°♌03'22	
	-2036 Oct 22 j 04:03	0°♍	
	-2036 Nov 16 j 04:47	0°♎	
	-2036 Dec 10 j 16:51	0°♏	
	-2035 Jan 04 j 01:16	0°♐	
desc. node	-2035 Jan 17 j 07:20	16°♐19'49	
	-2035 Jan 28 j 09:42	0°♑	
	-2035 Feb 21 j 19:07	0°♒	
	-2035 Mar 18 j 05:27	0°♓	
morning set	-2035 Mar 19 j 19:01	1°♓55'16	
	-2035 Apr 11 j 16:17	0°♈	
max. Earth dist.	-2035 Apr 24 j 18:06	16°♈02'41	1.73707 AU
superior conj	-2035 Apr 25 j 12:25	16°♈58'53	-0°33'56
minimum elong	-2035 Apr 25 j 18:46	17°♈18'23	0°33'38
	-2035 May 06 j 02:59	0°♉	
asc. node	-2035 May 10 j 08:04	5°♉10'14	
	-2035 May 30 j 12:57	0°♊	
evening rise	-2035 May 31 j 11:08	1°♊08'13	
	-2035 Jun 23 j 22:01	0°♋	
	-2035 Jul 18 j 06:55	0°♌	
	-2035 Aug 11 j 17:10	0°♍	
desc. node	-2035 Aug 29 j 23:38	22°♍19'58	
	-2035 Sep 05 j 06:51	0°♎	
	-2035 Sep 30 j 02:52	0°♏	
	-2035 Oct 25 j 11:25	0°♐	
	-2035 Nov 21 j 01:55	0°♑	
evening max el	-2035 Dec 01 j 03:45	10°♑36'24	47°07'35
asc. node	-2035 Dec 21 j 00:19	29°♑11'26	
	-2035 Dec 22 j 00:03	0°♒	
greatest brilliancy	-2034 Jan 10 j 06:27	12°♒03'43	-4.9m
retrograde	-2034 Jan 21 j 01:11	14°♒16'28	
evening set	-2034 Feb 07 j 18:03	8°♒07'21	
min. Earth dist.	-2034 Feb 10 j 13:52	6°♒20'55	0.28508 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2034 Feb 11 j 05:10	5°♒56'33	8°27'10	
minimum elong	-2034 Feb 11 j 03:46	5°♒58'47	8°27'07	
morning rise	-2034 Feb 14 j 13:46	3°♒50'11		
	-2034 Feb 21 j 20:11	30°℞♑		
direct	-2034 Mar 04 j 07:57	27°♑46'01		
greatest brilliancy	-2034 Mar 13 j 09:44	29°♑17'29	-4.8m	
	-2034 Mar 15 j 10:01	0°♒		
desc. node	-2034 Apr 11 j 16:25	18°♒09'53		
morning max el	-2034 Apr 22 j 05:36	27°♒47'44	45°50'03	
	-2034 Apr 24 j 12:37	0°♓		
	-2034 May 23 j 08:48	0°♈		
	-2034 Jun 18 j 23:57	0°♉		
	-2034 Jul 14 j 12:42	0°♊		
asc. node	-2034 Aug 02 j 17:32	23°♊09'51		
	-2034 Aug 08 j 07:50	0°♋		
	-2034 Sep 01 j 14:28	0°♌		
greatest brilliancy	-2034 Sep 24 j 15:50	28°♌52'46	-3.9m	
	-2034 Sep 25 j 13:13	0°♍		
morning set	-2034 Oct 17 j 18:49	28°♍01'22		
	-2034 Oct 19 j 08:26	0°♎		
	-2034 Nov 12 j 03:27	0°♏		
desc. node	-2034 Nov 22 j 09:41	12°♏54'41		
superior conj	-2034 Nov 28 j 09:41	20°♏27'10	-0°14'06	
minimum elong	-2034 Nov 28 j 05:50	20°♏15'05	0°13'57	
behind sun begin	-2034 Nov 27 j 15:32	19°♏30'09		
behind sun end	-2034 Nov 28 j 20:08	21°♏00'00		
max. Earth dist.	-2034 Dec 02 j 06:20	25°♏18'06	1.71207 AU	
	-2034 Dec 06 j 00:09	0°♐		
	-2034 Dec 29 j 23:23	0°♑		
evening rise	-2033 Jan 09 j 03:55	12°♑42'29		
	-2033 Jan 23 j 01:48	0°♒		
	-2033 Feb 16 j 08:37	0°♓		
	-2033 Mar 12 j 21:43	0°♈		
asc. node	-2033 Mar 15 j 10:04	3°♈03'01		
	-2033 Apr 06 j 19:29	0°♉		
	-2033 May 02 j 05:19	0°♊		
	-2033 May 28 j 10:09	0°♋		
	-2033 Jun 25 j 04:50	0°♌		
desc. node	-2033 Jul 05 j 01:47	9°♌53'53		
evening max el	-2033 Jul 06 j 13:27	11°♌20'11	46°04'55	
	-2033 Jul 28 j 02:56	0°♍		
greatest brilliancy	-2033 Aug 15 j 21:33	10°♍24'21	-4.8m	
retrograde	-2033 Aug 24 j 23:04	11°♍54'16		
evening set	-2033 Sep 11 j 09:58	6°♍11'13		
inferior conj	-2033 Sep 14 j 16:45	4°♍13'07	-8°17'06	
minimum elong	-2033 Sep 15 j 00:32	4°♍01'19	8°16'10	
min. Earth dist.	-2033 Sep 15 j 08:02	3°♍49'55	0.27018 AU	
morning rise	-2033 Sep 18 j 14:54	1°♍52'33		
	-2033 Sep 22 j 01:56	30°℞♌		
direct	-2033 Oct 05 j 10:01	26°♌28'02		
greatest brilliancy	-2033 Oct 16 j 06:09	28°♌41'38	-4.9m	
	-2033 Oct 19 j 05:47	0°♍		
asc. node	-2033 Oct 26 j 02:40	3°♍53'58		
	-2033 Nov 25 j 02:27	0°♎		
morning max el	-2033 Nov 25 j 06:14	0°♎09'40	46°53'55	
	-2033 Dec 22 j 15:25	0°♏		
	-2032 Jan 17 j 11:37	0°♐		
	-2032 Feb 11 j 17:53	0°♑		
desc. node	-2032 Feb 14 j 19:08	3°♑38'59		
	-2032 Mar 07 j 18:09	0°♒		
	-2032 Apr 01 j 14:55	0°♓		
	-2032 Apr 26 j 08:42	0°♈		
	-2032 May 20 j 23:07	0°♉		
morning set	-2032 May 26 j 06:47	6°♉30'49		
asc. node	-2032 Jun 06 j 20:00	20°♉41'24		
	-2032 Jun 14 j 09:30	0°♊		
max. Earth dist.	-2032 Jun 27 j 08:39	16°♊00'40	1.72946 AU	
superior conj	-2032 Jul 01 j 09:59	21°♊01'49	0°53'39	
minimum elong	-2032 Jul 01 j 01:30	20°♊35'36	0°53'23	
	-2032 Jul 08 j 15:37	0°♋		
	-2032 Aug 01 j 18:17	0°♌		
evening rise	-2032 Aug 06 j 16:33	6°♌08'41		
	-2032 Aug 25 j 19:11	0°♍		
	-2032 Sep 18 j 20:15	0°♎		
desc. node	-2032 Sep 26 j 11:45	9°♎31'27		
	-2032 Oct 12 j 23:04	0°♏		
	-2032 Nov 06 j 05:13	0°♐		
	-2032 Nov 30 j 17:43	0°♑		
	-2032 Dec 25 j 19:34	0°♒		
asc. node	-2031 Jan 17 j 12:01	25°♒59'57		
	-2031 Jan 21 j 03:02	0°♓		
evening max el	-2031 Feb 10 j 06:07	21°♓01'25	45°47'25	
	-2031 Feb 19 j 18:47	0°♈		
greatest brilliancy	-2031 Mar 20 j 11:12	19°♈31'26	-4.7m	
retrograde	-2031 Mar 31 j 05:20	21°♈37'15		
evening set	-2031 Apr 16 j 02:31	16°♈46'38		
inferior conj	-2031 Apr 21 j 16:40	13°♈22'08	3°52'59	
minimum elong	-2031 Apr 22 j 00:11	13°♈10'16	3°51'05	
min. Earth dist.	-2031 Apr 22 j 03:36	13°♈04'53	0.29137 AU	
morning rise	-2031 Apr 27 j 21:43	9°♈36'00		
desc. node	-2031 May 09 j 04:16	5°♈20'45		
direct	-2031 May 13 j 10:24	4°♈59'31		
greatest brilliancy	-2031 May 23 j 22:28	6°♈57'43	-4.7m	
	-2031 Jun 26 j 02:59	0°♉		
morning max el	-2031 Jul 01 j 09:02	4°♉56'05	45°55'20	
	-2031 Jul 25 j 16:01	0°♊		
	-2031 Aug 21 j 03:09	0°♋		
asc. node	-2031 Aug 30 j 05:25	10°♋44'03		
	-2031 Sep 15 j 05:31	0°♌		
	-2031 Oct 09 j 14:23	0°♍		
	-2031 Nov 02 j 14:52	0°♎		
	-2031 Nov 26 j 12:57	0°♏		
desc. node	-2031 Dec 19 j 21:33	29°♏15'14		
	-2031 Dec 20 j 11:52	0°♐		
morning set	-2030 Jan 03 j 03:06	17°♐01'43		
	-2030 Jan 13 j 12:56	0°♑		
	-2030 Feb 06 j 16:29	0°♒		
superior conj	-2030 Feb 12 j 15:48	7°♒23'52	-1°24'28	
minimum elong	-2030 Feb 12 j 14:43	7°♒20'30	1°24'30	
max. Earth dist.	-2030 Feb 16 j 03:05	11°♒41'30	1.72729 AU	
	-2030 Mar 02 j 22:41	0°♓		
evening rise	-2030 Mar 22 j 22:57	24°♓38'03		
	-2030 Mar 27 j 07:48	0°♈		
asc. node	-2030 Apr 11 j 22:09	19°♈06'40		
	-2030 Apr 20 j 20:03	0°♉		
	-2030 May 15 j 11:38	0°♊		
	-2030 Jun 09 j 07:23	0°♋		
	-2030 Jul 04 j 09:29	0°♌		
	-2030 Jul 29 j 22:32	0°♍		
desc. node	-2030 Aug 01 j 13:39	3°♍02'37		
	-2030 Aug 25 j 08:45	0°♎		
evening max el	-2030 Sep 18 j 02:37	25°♎10'40	47°21'19	
	-2030 Sep 22 j 23:57	0°♏		
greatest brilliancy	-2030 Oct 28 j 23:25	26°♏30'54	-4.9m	
retrograde	-2030 Nov 07 j 20:49	28°♏23'33		
evening set	-2030 Nov 22 j 06:42	24°♏13'59		
asc. node	-2030 Nov 22 j 14:29	24°♏03'24		
inferior conj	-2030 Nov 28 j 11:31	20°♏34'02	1°30'26	
minimum elong	-2030 Nov 28 j 08:11	20°♏39'11	1°29'20	
min. Earth dist.	-2030 Nov 27 j 20:17	20°♏57'32	0.26513 AU	
morning rise	-2030 Dec 04 j 10:08	17°♏03'31		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2030 Dec 18 j 17:33	12°♏56'33	
greatest brilliancy	-2030 Dec 28 j 06:02	14°♏39'25	-4.9m
	-2029 Jan 21 j 11:05	0°♐	
morning max el	-2029 Feb 06 j 12:02	14°♐44'44	46°24'48
	-2029 Feb 21 j 09:30	0°♑	
desc. node	-2029 Mar 14 j 06:59	22°♑47'10	
	-2029 Mar 20 j 17:05	0°♒	
	-2029 Apr 15 j 20:05	0°♓	
	-2029 May 11 j 08:14	0°♈	
	-2029 Jun 05 j 09:54	0°♉	
	-2029 Jun 30 j 02:26	0°♊	
asc. node	-2029 Jul 05 j 07:44	6°♊24'01	
	-2029 Jul 24 j 10:40	0°♋	
morning set	-2029 Aug 03 j 09:02	12°♋20'38	
	-2029 Aug 17 j 12:15	0°♌	
max. Earth dist.	-2029 Sep 08 j 00:11	26°♌59'06	1.71322 AU
superior conj	-2029 Sep 10 j 04:44	29°♌44'24	1°20'14
minimum elong	-2029 Sep 10 j 10:52	0°♍03'40	1°20'11
	-2029 Sep 10 j 09:42	0°♍	
	-2029 Oct 04 j 05:42	0°♎	
evening rise	-2029 Oct 20 j 16:20	20°♎41'06	
desc. node	-2029 Oct 24 j 23:52	26°♎06'16	
	-2029 Oct 28 j 02:19	0°♏	
	-2029 Nov 21 j 00:50	0°♐	
	-2029 Dec 15 j 02:24	0°♑	
	-2028 Jan 08 j 09:11	0°♒	
	-2028 Feb 02 j 01:06	0°♓	
asc. node	-2028 Feb 15 j 00:04	15°♓28'51	
	-2028 Feb 27 j 08:48	0°♈	
	-2028 Mar 24 j 20:50	0°♉	
evening max el	-2028 Apr 21 j 21:47	28°♉57'19	45°12'39
	-2028 Apr 23 j 00:14	0°♊	
greatest brilliancy	-2028 May 29 j 19:39	26°♊19'16	-4.7m
desc. node	-2028 Jun 05 j 16:05	28°♊02'16	
retrograde	-2028 Jun 09 j 07:47	28°♊17'22	
evening set	-2028 Jun 24 j 18:43	23°♊45'17	
inferior conj	-2028 Jun 30 j 15:07	20°♊18'13	-5°27'07
minimum elong	-2028 Jun 30 j 05:16	20°♊33'20	5°24'48
min. Earth dist.	-2028 Jun 30 j 21:46	20°♊08'00	0.28463 AU
morning rise	-2028 Jul 05 j 15:23	17°♊18'03	
direct	-2028 Jul 22 j 03:42	12°♊07'54	
greatest brilliancy	-2028 Aug 02 j 03:29	14°♊19'28	-4.8m
	-2028 Aug 26 j 05:25	0°♋	
morning max el	-2028 Sep 10 j 05:30	13°♋59'41	46°33'20
	-2028 Sep 25 j 11:40	0°♌	
asc. node	-2028 Sep 26 j 17:09	1°♌20'44	
	-2028 Oct 21 j 18:35	0°♍	
	-2028 Nov 15 j 17:49	0°♎	
	-2028 Dec 10 j 05:03	0°♏	
	-2027 Jan 03 j 12:58	0°♐	
desc. node	-2027 Jan 16 j 09:21	15°♐50'35	
	-2027 Jan 27 j 21:03	0°♑	
	-2027 Feb 21 j 06:12	0°♒	
morning set	-2027 Mar 17 j 11:23	29°♒44'48	
	-2027 Mar 17 j 16:20	0°♓	
	-2027 Apr 11 j 03:01	0°♈	
max. Earth dist.	-2027 Apr 22 j 17:40	14°♈14'51	1.73702 AU
superior conj	-2027 Apr 23 j 06:26	14°♈54'01	-0°36'47
minimum elong	-2027 Apr 23 j 13:14	15°♈14'54	0°36'29
	-2027 May 05 j 13:40	0°♉	
asc. node	-2027 May 09 j 10:07	4°♉43'44	
evening rise	-2027 May 29 j 06:17	29°♉06'26	
	-2027 May 29 j 23:43	0°♊	
	-2027 Jun 23 j 09:01	0°♋	
	-2027 Jul 17 j 18:16	0°♌	
	-2027 Aug 11 j 04:59	0°♍	
desc. node	-2027 Aug 29 j 01:48	21°♍49'11	
	-2027 Sep 04 j 19:18	0°♎	
	-2027 Sep 29 j 16:17	0°♏	
	-2027 Oct 25 j 02:31	0°♐	
	-2027 Nov 20 j 20:56	0°♑	
evening max el	-2027 Nov 28 j 20:20	8°♑21'08	47°09'49
asc. node	-2027 Dec 20 j 02:16	28°♑04'21	
	-2027 Dec 22 j 13:02	0°♒	
greatest brilliancy	-2026 Jan 07 j 22:14	9°♒48'12	-4.9m
retrograde	-2026 Jan 18 j 17:47	12°♒01'23	
evening set	-2026 Feb 05 j 08:38	5°♒54'32	
min. Earth dist.	-2026 Feb 08 j 04:06	4°♒08'35	0.28450 AU
inferior conj	-2026 Feb 08 j 20:56	3°♒41'49	8°25'53
minimum elong	-2026 Feb 08 j 18:47	3°♒45'14	8°25'47
morning rise	-2026 Feb 12 j 05:15	1°♒35'55	
	-2026 Feb 14 j 22:49	30°℞♑	
direct	-2026 Mar 01 j 23:36	25°♑32'28	
greatest brilliancy	-2026 Mar 10 j 23:05	27°♑02'26	-4.8m
	-2026 Mar 17 j 23:58	0°♒	
desc. node	-2026 Apr 10 j 18:37	17°♒13'48	
morning max el	-2026 Apr 19 j 21:30	25°♒37'17	45°50'29
	-2026 Apr 24 j 09:55	0°♓	
	-2026 May 23 j 00:10	0°♈	
	-2026 Jun 18 j 13:06	0°♉	
	-2026 Jul 14 j 00:47	0°♊	
asc. node	-2026 Aug 01 j 19:39	22°♊40'50	
	-2026 Aug 07 j 19:23	0°♋	
	-2026 Sep 01 j 01:45	0°♌	
	-2026 Sep 25 j 00:22	0°♍	
greatest brilliancy	-2026 Sep 25 j 07:34	0°♍22'40	-3.9m
morning set	-2026 Oct 15 j 06:08	25°♍30'42	
	-2026 Oct 18 j 19:31	0°♎	
	-2026 Nov 11 j 14:31	0°♏	
desc. node	-2026 Nov 21 j 11:42	12°♏26'16	
superior conj	-2026 Nov 25 j 18:48	17°♏50'18	-0°10'08
minimum elong	-2026 Nov 25 j 16:01	17°♏41'34	0°10'01
behind sun begin	-2026 Nov 24 j 18:23	16°♏33'36	
behind sun end	-2026 Nov 26 j 13:39	18°♏49'33	
max. Earth dist.	-2026 Nov 29 j 15:37	22°♏41'54	1.71166 AU
	-2026 Dec 05 j 11:12	0°♐	
	-2026 Dec 29 j 10:23	0°♑	
evening rise	-2025 Jan 06 j 15:12	10°♑13'51	
	-2025 Jan 22 j 12:48	0°♒	
	-2025 Feb 15 j 19:44	0°♓	
	-2025 Mar 12 j 09:07	0°♈	
asc. node	-2025 Mar 14 j 12:13	2°♈34'53	
	-2025 Apr 06 j 07:27	0°♉	
	-2025 May 01 j 18:22	0°♊	
	-2025 May 28 j 01:17	0°♋	
	-2025 Jun 25 j 00:58	0°♌	
evening max el	-2025 Jul 04 j 02:30	8°♌58'52	46°02'00
desc. node	-2025 Jul 04 j 03:52	9°♌02'11	
	-2025 Jul 29 j 00:16	0°♍	
greatest brilliancy	-2025 Aug 13 j 09:43	7°♍59'25	-4.8m
retrograde	-2025 Aug 22 j 10:27	9°♍28'44	
evening set	-2025 Sep 09 j 00:53	3°♍42'13	
inferior conj	-2025 Sep 12 j 05:20	1°♍47'26	-8°25'11
minimum elong	-2025 Sep 12 j 12:23	1°♍36'44	8°24'25
min. Earth dist.	-2025 Sep 12 j 20:56	1°♍23'44	0.27072 AU
	-2025 Sep 15 j 04:37	30°℞♌	
morning rise	-2025 Sep 15 j 23:40	29°♌32'05	
direct	-2025 Oct 02 j 23:00	24°♌01'27	
greatest brilliancy	-2025 Oct 13 j 20:11	26°♌15'22	-4.9m
	-2025 Oct 21 j 08:14	0°♍	
asc. node	-2025 Oct 25 j 04:47	2°♍27'43	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2025 Nov 22 j 18:33	27°♍39'52	46°54'12
	-2025 Nov 25 j 00:54	0°♎	
	-2025 Dec 22 j 07:49	0°♏	
	-2024 Jan 17 j 01:38	0°♐	
	-2024 Feb 11 j 06:35	0°♑	
desc. node	-2024 Feb 13 j 21:19	3°♑07'47	
	-2024 Mar 07 j 06:03	0°♒	
	-2024 Apr 01 j 02:18	0°♓	
	-2024 Apr 25 j 19:46	0°♈	
	-2024 May 20 j 10:01	0°♉	
morning set	-2024 May 24 j 01:29	4°♉27'46	
asc. node	-2024 Jun 05 j 21:59	20°♉14'09	
	-2024 Jun 13 j 20:21	0°♊	
max. Earth dist.	-2024 Jun 25 j 02:57	13°♊55'18	1.73000 AU
superior conj	-2024 Jun 29 j 04:12	18°♊56'02	0°51'12
minimum elong	-2024 Jun 28 j 19:54	18°♊30'23	0°50'54
	-2024 Jul 08 j 02:30	0°♋	
	-2024 Aug 01 j 05:18	0°♌	
evening rise	-2024 Aug 04 j 08:48	3°♌55'17	
	-2024 Aug 25 j 06:24	0°♍	
	-2024 Sep 18 j 07:45	0°♎	
desc. node	-2024 Sep 25 j 13:53	9°♎02'00	
	-2024 Oct 12 j 10:55	0°♏	
	-2024 Nov 05 j 17:29	0°♐	
	-2024 Nov 30 j 06:37	0°♑	
	-2024 Dec 25 j 09:39	0°♒	
asc. node	-2023 Jan 16 j 14:13	25°♒20'56	
	-2023 Jan 20 j 19:54	0°♓	
evening max el	-2023 Feb 07 j 20:25	18°♓45'20	45°50'00
	-2023 Feb 19 j 21:54	0°♈	
greatest brilliancy	-2023 Mar 18 j 04:22	17°♈24'25	-4.7m
retrograde	-2023 Mar 28 j 21:52	19°♈30'26	
evening set	-2023 Apr 13 j 21:37	14°♈36'05	
inferior conj	-2023 Apr 19 j 09:38	11°♈14'46	4°09'39
minimum elong	-2023 Apr 19 j 17:31	11°♈02'20	4°07'43
min. Earth dist.	-2023 Apr 19 j 20:40	10°♈57'20	0.29148 AU
morning rise	-2023 Apr 25 j 13:14	7°♈30'24	
desc. node	-2023 May 08 j 06:15	3°♈01'16	
direct	-2023 May 11 j 02:38	2°♈51'47	
greatest brilliancy	-2023 May 21 j 15:09	4°♈50'07	-4.7m
	-2023 Jun 26 j 03:07	0°♉	
morning max el	-2023 Jun 29 j 00:47	2°♉45'07	45°54'23
	-2023 Jul 25 j 08:17	0°♊	
	-2023 Aug 20 j 16:54	0°♋	
asc. node	-2023 Aug 29 j 07:34	10°♋10'54	
	-2023 Sep 14 j 18:09	0°♌	
	-2023 Oct 09 j 02:26	0°♍	
	-2023 Nov 02 j 02:36	0°♎	
	-2023 Nov 26 j 00:28	0°♏	
desc. node	-2023 Dec 18 j 23:32	28°♏45'56	
	-2023 Dec 19 j 23:13	0°♐	
morning set	-2023 Dec 31 j 13:18	14°♐28'34	
	-2022 Jan 13 j 00:09	0°♑	
	-2022 Feb 06 j 03:34	0°♒	
superior conj	-2022 Feb 10 j 05:42	5°♒04'01	-1°24'14
minimum elong	-2022 Feb 10 j 03:43	4°♒57'53	1°24'15
max. Earth dist.	-2022 Feb 13 j 16:53	9°♒21'31	1.72670 AU
	-2022 Mar 02 j 09:42	0°♓	
evening rise	-2022 Mar 20 j 15:29	22°♓27'36	
	-2022 Mar 26 j 18:49	0°♈	
asc. node	-2022 Apr 11 j 00:13	18°♈39'12	
	-2022 Apr 20 j 07:11	0°♉	
	-2022 May 14 j 23:06	0°♊	
	-2022 Jun 08 j 19:27	0°♋	
	-2022 Jul 03 j 22:31	0°♌	
	-2022 Jul 29 j 13:11	0°♍	
desc. node	-2022 Jul 31 j 15:48	2°♍26'00	
	-2022 Aug 25 j 02:32	0°♎	
evening max el	-2022 Sep 15 j 15:46	22°♎44'04	47°19'47
	-2022 Sep 23 j 02:32	0°♏	
greatest brilliancy	-2022 Oct 26 j 13:18	24°♏01'37	-4.9m
retrograde	-2022 Nov 05 j 09:39	25°♏53'32	
evening set	-2022 Nov 19 j 19:13	21°♏44'01	
asc. node	-2022 Nov 21 j 16:28	20°♏40'48	
min. Earth dist.	-2022 Nov 25 j 10:06	18°♏26'12	0.26478 AU
inferior conj	-2022 Nov 26 j 00:00	18°♏04'50	1°06'34
minimum elong	-2022 Nov 25 j 21:31	18°♏08'39	1°05'44
morning rise	-2022 Dec 02 j 00:14	14°♏32'41	
direct	-2022 Dec 16 j 05:45	10°♏27'38	
greatest brilliancy	-2022 Dec 25 j 19:58	12°♏12'33	-4.9m
	-2021 Jan 21 j 19:55	0°♐	
morning max el	-2021 Feb 04 j 02:19	12°♐23'40	46°26'20
	-2021 Feb 21 j 04:16	0°♑	
desc. node	-2021 Mar 13 j 09:04	22°♑09'22	
	-2021 Mar 20 j 07:58	0°♒	
	-2021 Apr 15 j 09:11	0°♓	
	-2021 May 10 j 20:20	0°♈	
	-2021 Jun 04 j 21:26	0°♉	
	-2021 Jun 29 j 13:39	0°♊	
asc. node	-2021 Jul 04 j 09:56	5°♊56'25	
	-2021 Jul 23 j 21:47	0°♋	
morning set	-2021 Aug 01 j 01:15	10°♋07'06	
	-2021 Aug 16 j 23:23	0°♌	
max. Earth dist.	-2021 Sep 05 j 10:47	24°♌26'18	1.71368 AU
superior conj	-2021 Sep 07 j 18:23	27°♌21'04	1°21'17
minimum elong	-2021 Sep 07 j 23:44	27°♌37'55	1°21'14
	-2021 Sep 09 j 20:55	0°♍	
	-2021 Oct 03 j 17:02	0°♎	
evening rise	-2021 Oct 18 j 02:02	18°♎04'56	
desc. node	-2021 Oct 24 j 01:51	25°♎36'42	
	-2021 Oct 27 j 13:45	0°♏	
	-2021 Nov 20 j 12:22	0°♐	
	-2021 Dec 14 j 14:08	0°♑	
	-2020 Jan 07 j 21:11	0°♒	
	-2020 Feb 01 j 13:37	0°♓	
asc. node	-2020 Feb 14 j 02:13	14°♓56'45	
	-2020 Feb 26 j 22:24	0°♈	
	-2020 Mar 24 j 12:56	0°♉	
evening max el	-2020 Apr 19 j 14:19	26°♉48'12	45°12'34
	-2020 Apr 23 j 00:01	0°♊	
greatest brilliancy	-2020 May 27 j 09:36	24°♊06'21	-4.7m
desc. node	-2020 Jun 04 j 18:09	25°♊59'47	
retrograde	-2020 Jun 06 j 23:21	26°♊05'22	
evening set	-2020 Jun 22 j 07:56	21°♊36'14	
inferior conj	-2020 Jun 28 j 06:33	18°♊05'36	-5°10'42
minimum elong	-2020 Jun 27 j 20:57	18°♊20'21	5°08'21
min. Earth dist.	-2020 Jun 28 j 12:48	17°♊55'59	0.28496 AU
morning rise	-2020 Jul 03 j 09:36	15°♊01'21	
direct	-2020 Jul 19 j 20:13	9°♊54'53	
greatest brilliancy	-2020 Jul 30 j 18:30	12°♊05'12	-4.8m
	-2020 Aug 26 j 11:22	0°♋	
morning max el	-2020 Sep 07 j 20:50	11°♋42'32	46°31'44
	-2020 Sep 25 j 05:38	0°♌	
asc. node	-2020 Sep 25 j 19:14	0°♌37'29	
	-2020 Oct 21 j 09:23	0°♍	
	-2020 Nov 15 j 07:12	0°♎	
	-2020 Dec 09 j 17:39	0°♏	
	-2019 Jan 03 j 01:03	0°♐	
desc. node	-2019 Jan 15 j 11:36	15°♐20'56	
	-2019 Jan 27 j 08:44	0°♑	
	-2019 Feb 20 j 17:35	0°♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2019 Mar 15 j 03:42	27°♒33'18	
	-2019 Mar 17 j 03:29	0°♓	
	-2019 Apr 10 j 14:01	0°♈	
max. Earth dist.	-2019 Apr 20 j 17:09	12°♈25'54	1.73693 AU
superior conj	-2019 Apr 21 j 00:37	12°♈48'48	-0°39'35
minimum elong	-2019 Apr 21 j 07:50	13°♈10'57	0°39'16
	-2019 May 05 j 00:38	0°♉	
asc. node	-2019 May 08 j 12:09	4°♉16'19	
evening rise	-2019 May 27 j 01:45	27°♉04'48	
	-2019 May 29 j 10:46	0°♊	
	-2019 Jun 22 j 20:16	0°♋	
	-2019 Jul 17 j 05:50	0°♌	
	-2019 Aug 10 j 17:03	0°♍	
desc. node	-2019 Aug 28 j 03:55	21°♍17'23	
	-2019 Sep 04 j 08:04	0°♎	
	-2019 Sep 29 j 06:10	0°♏	
	-2019 Oct 24 j 18:17	0°♐	
	-2019 Nov 20 j 17:04	0°♑	
evening max el	-2019 Nov 26 j 12:30	6°♑03'03	47°11'52
asc. node	-2019 Dec 19 j 04:29	26°♑54'19	
	-2019 Dec 23 j 07:25	0°♒	
greatest brilliancy	-2018 Jan 05 j 14:36	7°♒31'30	-4.9m
retrograde	-2018 Jan 16 j 09:56	9°♒44'12	
evening set	-2018 Feb 02 j 22:49	3°♒40'28	
min. Earth dist.	-2018 Feb 05 j 18:32	1°♒54'04	0.28384 AU
inferior conj	-2018 Feb 06 j 12:32	1°♒25'22	8°23'51
minimum elong	-2018 Feb 06 j 09:40	1°♒29'56	8°23'41
	-2018 Feb 08 j 18:32	30°℞♑	
morning rise	-2018 Feb 09 j 20:52	29°♑19'23	
direct	-2018 Feb 27 j 14:50	23°♑17'24	
greatest brilliancy	-2018 Mar 08 j 12:37	24°♑46'02	-4.8m
	-2018 Mar 19 j 15:31	0°♒	
desc. node	-2018 Apr 09 j 20:40	16°♒17'41	
morning max el	-2018 Apr 17 j 12:23	23°♒23'26	45°51'04
	-2018 Apr 24 j 06:48	0°♓	
	-2018 May 22 j 15:32	0°♈	
	-2018 Jun 18 j 02:22	0°♉	
	-2018 Jul 13 j 13:02	0°♊	
asc. node	-2018 Jul 31 j 21:50	22°♊11'32	
	-2018 Aug 07 j 07:05	0°♋	
	-2018 Aug 31 j 13:10	0°♌	
	-2018 Sep 24 j 11:39	0°♍	
greatest brilliancy	-2018 Sep 25 j 15:59	1°♍29'06	-3.9m
morning set	-2018 Oct 12 j 17:50	23°♍00'38	
	-2018 Oct 18 j 06:47	0°♎	
	-2018 Nov 11 j 01:49	0°♏	
desc. node	-2018 Nov 20 j 13:48	11°♏57'21	
superior conj	-2018 Nov 23 j 03:51	15°♏12'27	-0°06'07
minimum elong	-2018 Nov 23 j 02:10	15°♏07'08	0°06'04
behind sun begin	-2018 Nov 22 j 00:52	13°♏47'34	
behind sun end	-2018 Nov 24 j 03:29	16°♏26'41	
max. Earth dist.	-2018 Nov 26 j 21:49	19°♏55'07	1.71134 AU
	-2018 Dec 04 j 22:30	0°♐	
	-2018 Dec 28 j 21:41	0°♑	
evening rise	-2017 Jan 04 j 01:52	7°♑42'14	
	-2017 Jan 22 j 00:07	0°♒	
	-2017 Feb 15 j 07:08	0°♓	
	-2017 Mar 11 j 20:48	0°♈	
asc. node	-2017 Mar 13 j 14:15	2°♈05'36	
	-2017 Apr 05 j 19:43	0°♉	
	-2017 May 01 j 07:42	0°♊	
	-2017 May 27 j 16:46	0°♋	
	-2017 Jun 24 j 21:50	0°♌	
evening max el	-2017 Jul 01 j 14:57	6°♌36'04	45°59'14
desc. node	-2017 Jul 03 j 06:06	8°♌09'40	
	-2017 Jul 30 j 05:12	0°♍	
greatest brilliancy	-2017 Aug 10 j 22:12	5°♍35'29	-4.8m
retrograde	-2017 Aug 19 j 22:15	7°♍04'35	
evening set	-2017 Sep 06 j 15:51	1°♍14'44	
	-2017 Sep 08 j 17:54	30°℞♌	
inferior conj	-2017 Sep 09 j 18:18	29°♌22'59	-8°32'10
minimum elong	-2017 Sep 10 j 00:34	29°♌13'26	8°31'33
min. Earth dist.	-2017 Sep 10 j 10:14	28°♌58'45	0.27127 AU
morning rise	-2017 Sep 13 j 09:05	27°♌12'41	
direct	-2017 Sep 30 j 12:04	21°♌35'56	
greatest brilliancy	-2017 Oct 11 j 10:51	23°♌50'52	-4.9m
	-2017 Oct 22 j 17:30	0°♍	
asc. node	-2017 Oct 24 j 06:49	1°♍04'39	
morning max el	-2017 Nov 20 j 07:07	25°♍10'48	46°54'18
	-2017 Nov 24 j 22:30	0°♎	
	-2017 Dec 22 j 00:02	0°♏	
	-2016 Jan 16 j 15:40	0°♐	
	-2016 Feb 10 j 19:25	0°♑	
desc. node	-2016 Feb 12 j 23:22	2°♑35'43	
	-2016 Mar 06 j 18:06	0°♒	
	-2016 Mar 31 j 13:50	0°♓	
	-2016 Apr 25 j 06:56	0°♈	
	-2016 May 19 j 20:59	0°♉	
morning set	-2016 May 21 j 20:06	2°♉24'16	
asc. node	-2016 Jun 05 j 00:10	19°♉47'24	
	-2016 Jun 13 j 07:14	0°♊	
max. Earth dist.	-2016 Jun 22 j 23:24	11°♊56'28	1.73051 AU
superior conj	-2016 Jun 26 j 22:33	16°♊50'39	0°48'40
minimum elong	-2016 Jun 26 j 14:28	16°♊25'38	0°48'23
	-2016 Jul 07 j 13:25	0°♋	
	-2016 Jul 31 j 16:20	0°♌	
evening rise	-2016 Aug 02 j 01:33	1°♌43'26	
	-2016 Aug 24 j 17:39	0°♍	
	-2016 Sep 17 j 19:15	0°♎	
desc. node	-2016 Sep 24 j 15:53	8°♎32'15	
	-2016 Oct 11 j 22:44	0°♏	
	-2016 Nov 05 j 05:43	0°♐	
	-2016 Nov 29 j 19:31	0°♑	
	-2016 Dec 24 j 23:51	0°♒	
asc. node	-2015 Jan 15 j 16:19	24°♒41'04	
	-2015 Jan 20 j 13:11	0°♓	
evening max el	-2015 Feb 05 j 10:58	16°♓29'28	45°52'30
	-2015 Feb 20 j 03:02	0°♈	
greatest brilliancy	-2015 Mar 15 j 20:57	15°♈15'58	-4.7m
retrograde	-2015 Mar 26 j 14:47	17°♈22'51	
evening set	-2015 Apr 11 j 16:39	12°♈24'31	
inferior conj	-2015 Apr 17 j 02:25	9°♈06'31	4°26'08
minimum elong	-2015 Apr 17 j 10:38	8°♈53'33	4°24'08
min. Earth dist.	-2015 Apr 17 j 13:18	8°♈49'21	0.29157 AU
morning rise	-2015 Apr 23 j 04:28	5°♈24'26	
desc. node	-2015 May 07 j 08:20	0°♈45'41	
direct	-2015 May 08 j 18:53	0°♈43'16	
greatest brilliancy	-2015 May 19 j 07:27	2°♈41'48	-4.7m
	-2015 Jun 26 j 02:10	0°♉	
morning max el	-2015 Jun 26 j 17:11	0°♉35'53	45°53'36
	-2015 Jul 25 j 00:11	0°♊	
	-2015 Aug 20 j 06:25	0°♋	
asc. node	-2015 Aug 28 j 09:34	9°♋37'53	
	-2015 Sep 14 j 06:35	0°♌	
	-2015 Oct 08 j 14:19	0°♍	
	-2015 Nov 01 j 14:11	0°♎	
	-2015 Nov 25 j 11:49	0°♏	
desc. node	-2015 Dec 18 j 01:46	28°♏17'58	
	-2015 Dec 19 j 10:23	0°♐	
morning set	-2015 Dec 28 j 23:44	11°♐56'36	
	-2014 Jan 12 j 11:10	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2014 Feb 05 j 14:30	0°♒	
superior conj	-2014 Feb 07 j 19:28	2°♒44'08	-1°23'50
minimum elong	-2014 Feb 07 j 16:35	2°♒35'13	1°23'51
max. Earth dist.	-2014 Feb 11 j 06:30	7°♒01'20	1.72620 AU
	-2014 Mar 01 j 20:36	0°♓	
evening rise	-2014 Mar 18 j 07:45	20°♓16'40	
	-2014 Mar 26 j 05:45	0°♈	
asc. node	-2014 Apr 10 j 02:15	18°♈11'48	
	-2014 Apr 19 j 18:15	0°♉	
	-2014 May 14 j 10:29	0°♊	
	-2014 Jun 08 j 07:25	0°♋	
	-2014 Jul 03 j 11:27	0°♌	
	-2014 Jul 29 j 03:48	0°♍	
desc. node	-2014 Jul 30 j 17:51	1°♍49'27	
	-2014 Aug 24 j 20:27	0°♎	
evening max el	-2014 Sep 13 j 05:55	20°♎20'57	47°18'09
	-2014 Sep 23 j 06:21	0°♏	
greatest brilliancy	-2014 Oct 24 j 02:44	21°♏32'50	-4.9m
retrograde	-2014 Nov 02 j 22:58	23°♏24'28	
evening set	-2014 Nov 17 j 08:04	19°♏14'51	
asc. node	-2014 Nov 20 j 18:41	17°♏16'37	
min. Earth dist.	-2014 Nov 22 j 23:38	15°♏56'12	0.26444 AU
inferior conj	-2014 Nov 23 j 12:30	15°♏36'30	0°42'26
minimum elong	-2014 Nov 23 j 10:54	15°♏38'56	0°41'54
morning rise	-2014 Nov 29 j 14:12	12°♏03'05	
direct	-2014 Dec 13 j 18:29	7°♏59'53	
greatest brilliancy	-2014 Dec 23 j 09:22	9°♏46'02	-4.9m
	-2013 Jan 22 j 01:51	0°♐	
morning max el	-2013 Feb 01 j 16:52	10°♐04'20	46°27'46
	-2013 Feb 20 j 22:11	0°♑	
desc. node	-2013 Mar 12 j 11:08	21°♑32'51	
	-2013 Mar 19 j 22:21	0°♒	
	-2013 Apr 14 j 21:56	0°♓	
	-2013 May 10 j 08:11	0°♈	
	-2013 Jun 04 j 08:44	0°♉	
	-2013 Jun 29 j 00:39	0°♊	
asc. node	-2013 Jul 03 j 12:04	5°♊29'18	
	-2013 Jul 23 j 08:39	0°♋	
morning set	-2013 Jul 29 j 17:28	7°♋54'34	
	-2013 Aug 16 j 10:14	0°♌	
max. Earth dist.	-2013 Sep 02 j 20:18	21°♌51'09	1.71413 AU
superior conj	-2013 Sep 05 j 08:13	24°♌59'25	1°22'10
minimum elong	-2013 Sep 05 j 12:46	25°♌13'42	1°22'08
	-2013 Sep 09 j 07:50	0°♍	
	-2013 Oct 03 j 04:03	0°♎	
evening rise	-2013 Oct 15 j 11:54	15°♎30'14	
desc. node	-2013 Oct 23 j 03:58	25°♎08'23	
	-2013 Oct 27 j 00:53	0°♏	
	-2013 Nov 19 j 23:39	0°♐	
	-2013 Dec 14 j 01:34	0°♑	
	-2012 Jan 07 j 08:53	0°♒	
	-2012 Feb 01 j 01:50	0°♓	
asc. node	-2012 Feb 13 j 04:16	14°♓25'18	
	-2012 Feb 26 j 11:45	0°♈	
	-2012 Mar 24 j 04:56	0°♉	
evening max el	-2012 Apr 17 j 06:36	24°♉39'11	45°12'17
	-2012 Apr 23 j 00:38	0°♊	
greatest brilliancy	-2012 May 25 j 00:11	21°♊54'38	-4.7m
desc. node	-2012 Jun 03 j 20:23	23°♊53'03	
retrograde	-2012 Jun 04 j 14:19	23°♊53'41	
evening set	-2012 Jun 19 j 21:13	19°♊27'30	
inferior conj	-2012 Jun 25 j 21:54	15°♊53'34	-4°53'39
minimum elong	-2012 Jun 25 j 12:37	16°♊07'52	4°51'21
min. Earth dist.	-2012 Jun 26 j 04:07	15°♊43'58	0.28528 AU
morning rise	-2012 Jul 01 j 03:39	12°♊45'09	
direct	-2012 Jul 17 j 12:22	7°♊42'29	
greatest brilliancy	-2012 Jul 28 j 09:35	9°♊51'33	-4.8m
	-2012 Aug 26 j 15:06	0°♋	
morning max el	-2012 Sep 05 j 11:07	9°♋23'42	46°30'16
asc. node	-2012 Sep 24 j 21:22	29°♋55'47	
	-2012 Sep 24 j 22:53	0°♌	
	-2012 Oct 20 j 23:39	0°♍	
	-2012 Nov 14 j 20:07	0°♎	
	-2012 Dec 09 j 05:50	0°♏	
	-2011 Jan 02 j 12:44	0°♐	
desc. node	-2011 Jan 14 j 13:35	14°♐51'39	
	-2011 Jan 26 j 20:03	0°♑	
	-2011 Feb 20 j 04:36	0°♒	
morning set	-2011 Mar 12 j 20:07	25°♒23'11	
	-2011 Mar 16 j 14:15	0°♓	
	-2011 Apr 10 j 00:39	0°♈	
superior conj	-2011 Apr 18 j 18:55	10°♈45'06	-0°42'19
minimum elong	-2011 Apr 19 j 02:30	11°♈08'21	0°41'59
max. Earth dist.	-2011 Apr 18 j 15:57	10°♈36'00	1.73683 AU
	-2011 May 04 j 11:15	0°♉	
asc. node	-2011 May 07 j 14:22	3°♉50'30	
evening rise	-2011 May 24 j 21:12	25°♉04'07	
	-2011 May 28 j 21:30	0°♊	
	-2011 Jun 22 j 07:14	0°♋	
	-2011 Jul 16 j 17:10	0°♌	
	-2011 Aug 10 j 04:51	0°♍	
desc. node	-2011 Aug 27 j 05:54	20°♍46'03	
	-2011 Sep 03 j 20:36	0°♎	
	-2011 Sep 28 j 19:48	0°♏	
	-2011 Oct 24 j 09:52	0°♐	
	-2011 Nov 20 j 13:22	0°♑	
evening max el	-2011 Nov 24 j 03:36	3°♑43'08	47°13'48
asc. node	-2011 Dec 18 j 06:38	25°♑43'14	
	-2011 Dec 24 j 07:42	0°♒	
greatest brilliancy	-2010 Jan 03 j 07:29	5°♒16'10	-4.9m
retrograde	-2010 Jan 14 j 01:34	7°♒27'48	
evening set	-2010 Jan 31 j 12:38	1°♒27'46	
	-2010 Feb 02 j 20:40	30°℞♑	
min. Earth dist.	-2010 Feb 03 j 09:18	29°♑39'53	0.28317 AU
inferior conj	-2010 Feb 04 j 04:08	29°♑09'50	8°20'53
minimum elong	-2010 Feb 04 j 00:32	29°♑15'35	8°20'39
morning rise	-2010 Feb 07 j 12:46	27°♑03'15	
direct	-2010 Feb 25 j 05:34	21°♑03'08	
greatest brilliancy	-2010 Mar 06 j 02:43	22°♑31'03	-4.8m
	-2010 Mar 20 j 18:34	0°♒	
desc. node	-2010 Apr 08 j 22:44	15°♒23'51	
morning max el	-2010 Apr 15 j 02:23	21°♒08'22	45°51'49
	-2010 Apr 24 j 02:35	0°♓	
	-2010 May 22 j 06:19	0°♈	
	-2010 Jun 17 j 15:11	0°♉	
	-2010 Jul 13 j 00:55	0°♊	
asc. node	-2010 Jul 30 j 23:50	21°♊42'35	
	-2010 Aug 06 j 18:30	0°♋	
	-2010 Aug 31 j 00:20	0°♌	
	-2010 Sep 23 j 22:42	0°♍	
greatest brilliancy	-2010 Sep 25 j 22:17	2°♍29'41	-3.9m
morning set	-2010 Oct 10 j 05:22	20°♍30'49	
	-2010 Oct 17 j 17:48	0°♎	
	-2010 Nov 10 j 12:49	0°♏	
desc. node	-2010 Nov 19 j 15:58	11°♏29'37	
superior conj	-2010 Nov 20 j 12:48	12°♏35'08	-0°02'04
minimum elong	-2010 Nov 20 j 12:13	12°♏33'18	0°02'05
behind sun begin	-2010 Nov 19 j 09:25	11°♏09'02	
behind sun end	-2010 Nov 21 j 15:00	13°♏57'32	
max. Earth dist.	-2010 Nov 24 j 01:16	17°♏00'37	1.71101 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2010 Dec 04 j 09:30	0°♐	
	-2010 Dec 28 j 08:41	0°♑	
evening rise	-2009 Jan 01 j 12:25	5°♑11'08	
	-2009 Jan 21 j 11:08	0°♒	
	-2009 Feb 14 j 18:17	0°♓	
	-2009 Mar 11 j 08:14	0°♈	
asc. node	-2009 Mar 12 j 16:22	1°♈37'21	
	-2009 Apr 05 j 07:42	0°♉	
	-2009 Apr 30 j 20:48	0°♊	
	-2009 May 27 j 08:09	0°♋	
	-2009 Jun 24 j 19:08	0°♌	
evening max el	-2009 Jun 29 j 02:56	4°♌13'03	45°56'24
desc. node	-2009 Jul 02 j 08:05	7°♌16'17	
	-2009 Jul 31 j 22:19	0°♍	
greatest brilliancy	-2009 Aug 08 j 10:02	3°♍11'14	-4.8m
retrograde	-2009 Aug 17 j 10:18	4°♍40'47	
	-2009 Sep 02 j 03:26	30°℞♌	
evening set	-2009 Sep 04 j 06:15	28°♌47'41	
inferior conj	-2009 Sep 07 j 07:03	26°♌58'32	-8°38'05
minimum elong	-2009 Sep 07 j 12:32	26°♌50'13	8°37'37
min. Earth dist.	-2009 Sep 07 j 23:12	26°♌34'01	0.27187 AU
morning rise	-2009 Sep 10 j 18:35	24°♌53'05	
direct	-2009 Sep 28 j 01:07	19°♌10'13	
greatest brilliancy	-2009 Oct 09 j 01:27	21°♌26'28	-4.9m
asc. node	-2009 Oct 23 j 09:02	29°♌44'38	
	-2009 Oct 23 j 17:21	0°♍	
morning max el	-2009 Nov 17 j 20:23	22°♍43'46	46°54'30
	-2009 Nov 24 j 19:15	0°♎	
	-2009 Dec 21 j 15:50	0°♏	
	-2008 Jan 16 j 05:21	0°♐	
	-2008 Feb 10 j 07:56	0°♑	
desc. node	-2008 Feb 12 j 01:24	2°♑04'30	
	-2008 Mar 06 j 05:53	0°♒	
	-2008 Mar 31 j 01:07	0°♓	
	-2008 Apr 24 j 17:54	0°♈	
	-2008 May 19 j 07:45	0°♉	
morning set	-2008 May 19 j 14:56	0°♉22'00	
asc. node	-2008 Jun 04 j 02:18	19°♉21'07	
	-2008 Jun 12 j 17:55	0°♊	
max. Earth dist.	-2008 Jun 20 j 21:49	10°♊04'25	1.73099 AU
superior conj	-2008 Jun 24 j 17:07	14°♊46'34	0°46'05
minimum elong	-2008 Jun 24 j 09:17	14°♊22'20	0°45'49
	-2008 Jul 07 j 00:09	0°♋	
evening rise	-2008 Jul 30 j 18:35	29°♋33'10	
	-2008 Jul 31 j 03:13	0°♌	
	-2008 Aug 24 j 04:46	0°♍	
	-2008 Sep 17 j 06:41	0°♎	
desc. node	-2008 Sep 23 j 18:03	8°♎03'09	
	-2008 Oct 11 j 10:31	0°♏	
	-2008 Nov 04 j 17:57	0°♐	
	-2008 Nov 29 j 08:27	0°♑	
	-2008 Dec 24 j 14:09	0°♒	
asc. node	-2007 Jan 14 j 18:21	24°♒00'51	
	-2007 Jan 20 j 06:44	0°♓	
evening max el	-2007 Feb 03 j 02:07	14°♓15'23	45°55'14
	-2007 Feb 20 j 10:10	0°♈	
greatest brilliancy	-2007 Mar 13 j 13:14	13°♈07'37	-4.7m
retrograde	-2007 Mar 24 j 08:14	15°♈15'35	
evening set	-2007 Apr 09 j 11:47	10°♈13'14	
inferior conj	-2007 Apr 14 j 19:13	6°♈58'29	4°42'11
minimum elong	-2007 Apr 15 j 03:44	6°♈45'03	4°40'11
min. Earth dist.	-2007 Apr 15 j 05:34	6°♈42'10	0.29163 AU
morning rise	-2007 Apr 20 j 19:34	3°♈19'00	
	-2007 Apr 28 j 01:05	30°℞♓	
direct	-2007 May 06 j 11:31	28°♓35'03	
desc. node	-2007 May 06 j 10:33	28°♓35'04	
	-2007 May 15 j 07:21	0°♈	
greatest brilliancy	-2007 May 16 j 23:10	0°♈33'11	-4.7m
morning max el	-2007 Jun 24 j 10:20	28°♈28'54	45°52'55
	-2007 Jun 26 j 00:10	0°♉	
	-2007 Jul 24 j 15:43	0°♊	
	-2007 Aug 19 j 19:43	0°♋	
asc. node	-2007 Aug 27 j 11:44	9°♋05'47	
	-2007 Sep 13 j 18:53	0°♌	
	-2007 Oct 08 j 02:09	0°♍	
	-2007 Nov 01 j 01:45	0°♎	
	-2007 Nov 24 j 23:13	0°♏	
desc. node	-2007 Dec 17 j 03:48	27°♏49'09	
	-2007 Dec 18 j 21:38	0°♐	
morning set	-2007 Dec 26 j 09:40	9°♐22'44	
	-2006 Jan 11 j 22:16	0°♑	
superior conj	-2006 Feb 05 j 08:40	0°♒22'16	-1°23'17
minimum elong	-2006 Feb 05 j 04:55	0°♒10'37	1°23'18
	-2006 Feb 05 j 01:30	0°♒	
max. Earth dist.	-2006 Feb 08 j 21:19	4°♒44'36	1.72564 AU
	-2006 Mar 01 j 07:31	0°♓	
evening rise	-2006 Mar 15 j 23:49	18°♓04'59	
	-2006 Mar 25 j 16:42	0°♈	
asc. node	-2006 Apr 09 j 04:29	17°♈44'54	
	-2006 Apr 19 j 05:22	0°♉	
	-2006 May 13 j 21:56	0°♊	
	-2006 Jun 07 j 19:28	0°♋	
	-2006 Jul 03 j 00:30	0°♌	
	-2006 Jul 28 j 18:34	0°♍	
desc. node	-2006 Jul 29 j 19:57	1°♍12'43	
	-2006 Aug 24 j 14:46	0°♎	
evening max el	-2006 Sep 10 j 20:35	17°♎59'14	47°16'18
	-2006 Sep 23 j 12:00	0°♏	
greatest brilliancy	-2006 Oct 21 j 15:51	19°♏03'30	-4.9m
retrograde	-2006 Oct 31 j 12:12	20°♏54'35	
evening set	-2006 Nov 14 j 21:04	16°♏44'53	
asc. node	-2006 Nov 19 j 20:48	13°♏50'17	
min. Earth dist.	-2006 Nov 20 j 13:01	13°♏25'30	0.26417 AU
inferior conj	-2006 Nov 21 j 00:52	13°♏07'21	0°18'08
minimum elong	-2006 Nov 21 j 00:11	13°♏08'24	0°17'53
morning rise	-2006 Nov 27 j 03:49	9°♏32'46	
direct	-2006 Dec 11 j 07:23	5°♏31'25	
greatest brilliancy	-2006 Dec 20 j 22:30	7°♏18'09	-4.9m
	-2005 Jan 22 j 06:13	0°♐	
morning max el	-2005 Jan 30 j 07:04	7°♐43'05	46°29'07
	-2005 Feb 20 j 16:00	0°♑	
desc. node	-2005 Mar 11 j 13:18	20°♑56'11	
	-2005 Mar 19 j 12:49	0°♒	
	-2005 Apr 14 j 10:47	0°♓	
	-2005 May 09 j 20:08	0°♈	
	-2005 Jun 03 j 20:09	0°♉	
	-2005 Jun 28 j 11:47	0°♊	
asc. node	-2005 Jul 02 j 14:04	5°♊01'21	
	-2005 Jul 22 j 19:39	0°♋	
morning set	-2005 Jul 27 j 10:00	5°♋42'34	
	-2005 Aug 15 j 21:14	0°♌	
max. Earth dist.	-2005 Aug 31 j 04:12	19°♌10'37	1.71458 AU
superior conj	-2005 Sep 02 j 22:38	22°♌39'15	1°22'53
minimum elong	-2005 Sep 03 j 02:22	22°♌50'58	1°22'53
	-2005 Sep 08 j 18:53	0°♍	
	-2005 Oct 02 j 15:11	0°♎	
evening rise	-2005 Oct 12 j 22:16	12°♎56'42	
desc. node	-2005 Oct 22 j 06:09	24°♎39'54	
	-2005 Oct 26 j 12:10	0°♏	
	-2005 Nov 19 j 11:05	0°♐	
	-2005 Dec 13 j 13:13	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2004 Jan 06 j 20:52	0°♒	
	-2004 Jan 31 j 14:24	0°♓	
asc. node	-2004 Feb 12 j 06:24	13°♓53'06	
	-2004 Feb 26 j 01:31	0°♈	
	-2004 Mar 23 j 21:33	0°♉	
evening max el	-2004 Apr 14 j 22:09	22°♉27'39	45°12'16
	-2004 Apr 23 j 02:55	0°♊	
greatest brilliancy	-2004 May 22 j 15:27	19°♊43'14	-4.7m
retrograde	-2004 Jun 02 j 05:03	21°♊41'58	
desc. node	-2004 Jun 02 j 22:21	21°♊41'22	
evening set	-2004 Jun 17 j 10:50	17°♊18'16	
inferior conj	-2004 Jun 23 j 13:25	13°♊41'28	-4°36'22
minimum elong	-2004 Jun 23 j 04:29	13°♊55'16	4°34'05
min. Earth dist.	-2004 Jun 23 j 19:57	13°♊31'24	0.28558 AU
morning rise	-2004 Jun 28 j 21:44	10°♊28'57	
direct	-2004 Jul 15 j 04:09	5°♊29'50	
greatest brilliancy	-2004 Jul 26 j 01:17	7°♊38'13	-4.8m
	-2004 Aug 26 j 17:32	0°♋	
morning max el	-2004 Sep 03 j 00:57	7°♋03'11	46°28'55
asc. node	-2004 Sep 23 j 23:30	29°♋14'00	
	-2004 Sep 24 j 16:01	0°♌	
	-2004 Oct 20 j 13:58	0°♍	
	-2004 Nov 14 j 09:09	0°♎	
	-2004 Dec 08 j 18:09	0°♏	
	-2003 Jan 02 j 00:36	0°♐	
desc. node	-2003 Jan 13 j 15:39	14°♐21'57	
	-2003 Jan 26 j 07:36	0°♑	
	-2003 Feb 19 j 15:53	0°♒	
morning set	-2003 Mar 10 j 12:09	23°♒10'51	
	-2003 Mar 16 j 01:20	0°♓	
	-2003 Apr 09 j 11:36	0°♈	
superior conj	-2003 Apr 16 j 12:56	8°♈39'32	-0°45'00
minimum elong	-2003 Apr 16 j 20:51	9°♈03'49	0°44'41
max. Earth dist.	-2003 Apr 16 j 12:36	8°♈38'31	1.73668 AU
	-2003 May 03 j 22:12	0°♉	
asc. node	-2003 May 06 j 16:26	3°♉23'18	
evening rise	-2003 May 22 j 16:24	23°♉01'52	
	-2003 May 28 j 08:32	0°♊	
	-2003 Jun 21 j 18:30	0°♋	
	-2003 Jul 16 j 04:47	0°♌	
	-2003 Aug 09 j 17:01	0°♍	
desc. node	-2003 Aug 26 j 08:04	20°♍14'10	
	-2003 Sep 03 j 09:32	0°♎	
	-2003 Sep 28 j 09:51	0°♏	
	-2003 Oct 24 j 01:59	0°♐	
	-2003 Nov 20 j 10:36	0°♑	
evening max el	-2003 Nov 21 j 17:52	1°♑20'23	47°15'44
asc. node	-2003 Dec 17 j 08:36	24°♑29'14	
	-2003 Dec 25 j 18:19	0°♒	
greatest brilliancy	-2002 Jan 01 j 00:22	3°♒00'03	-4.9m
retrograde	-2002 Jan 11 j 17:02	5°♒10'52	
	-2002 Jan 27 j 20:02	30°℞♑	
evening set	-2002 Jan 29 j 02:14	29°♑14'39	
min. Earth dist.	-2002 Feb 01 j 00:18	27°♑24'46	0.28252 AU
inferior conj	-2002 Feb 01 j 19:48	26°♑53'40	8°17'11
minimum elong	-2002 Feb 01 j 15:28	27°♑00'34	8°16'51
morning rise	-2002 Feb 05 j 05:02	24°♑46'05	
direct	-2002 Feb 22 j 20:00	18°♑48'00	
greatest brilliancy	-2002 Mar 03 j 17:24	20°♑15'50	-4.8m
	-2002 Mar 21 j 14:47	0°♒	
desc. node	-2002 Apr 08 j 00:56	14°♒30'27	
morning max el	-2002 Apr 12 j 16:30	18°♒52'25	45°52'33
	-2002 Apr 23 j 22:11	0°♓	
	-2002 May 21 j 21:18	0°♈	
	-2002 Jun 17 j 04:18	0°♉	
	-2002 Jul 12 j 13:05	0°♊	
asc. node	-2002 Jul 30 j 02:01	21°♊13'23	
	-2002 Aug 06 j 06:10	0°♋	
	-2002 Aug 30 j 11:45	0°♌	
	-2002 Sep 23 j 10:02	0°♍	
greatest brilliancy	-2002 Sep 25 j 20:34	3°♍04'11	-3.9m
morning set	-2002 Oct 07 j 17:03	18°♍00'33	
	-2002 Oct 17 j 05:08	0°♎	
	-2002 Nov 10 j 00:08	0°♏	
superior conj	-2002 Nov 17 j 21:54	9°♏57'17	0°02'00
minimum elong	-2002 Nov 17 j 22:26	9°♏59'00	0°01'57
behind sun begin	-2002 Nov 16 j 19:38	8°♏34'38	
behind sun end	-2002 Nov 19 j 01:15	11°♏23'20	
desc. node	-2002 Nov 18 j 17:57	11°♏00'24	
max. Earth dist.	-2002 Nov 21 j 02:43	13°♏58'51	1.71070 AU
	-2002 Dec 03 j 20:48	0°♐	
	-2002 Dec 27 j 19:57	0°♑	
evening rise	-2002 Dec 29 j 23:09	2°♑39'47	
	-2001 Jan 20 j 22:25	0°♒	
	-2001 Feb 14 j 05:42	0°♓	
	-2001 Mar 10 j 19:58	0°♈	
asc. node	-2001 Mar 11 j 18:32	1°♈08'20	
	-2001 Apr 04 j 20:03	0°♉	
	-2001 Apr 30 j 10:20	0°♊	
	-2001 May 27 j 00:08	0°♋	
	-2001 Jun 24 j 17:37	0°♌	
evening max el	-2001 Jun 26 j 15:51	1°♌51'44	45°53'50
desc. node	-2001 Jul 01 j 10:11	6°♌21'16	
	-2001 Aug 03 j 17:00	0°♍	
greatest brilliancy	-2001 Aug 05 j 21:21	0°♍46'15	-4.8m
retrograde	-2001 Aug 14 j 23:07	2°♍17'00	
	-2001 Aug 25 j 17:32	30°℞♌	
evening set	-2001 Sep 01 j 20:26	26°♌21'04	
inferior conj	-2001 Sep 04 j 19:59	24°♌33'54	-8°42'57
minimum elong	-2001 Sep 05 j 00:37	24°♌26'52	8°42'37
min. Earth dist.	-2001 Sep 05 j 11:53	24°♌09'47	0.27248 AU
morning rise	-2001 Sep 08 j 04:36	22°♌32'55	
direct	-2001 Sep 25 j 14:48	16°♌44'26	
greatest brilliancy	-2001 Oct 06 j 15:39	19°♌01'23	-4.9m
asc. node	-2001 Oct 22 j 11:09	28°♌26'23	
	-2001 Oct 24 j 11:17	0°♍	
morning max el	-2001 Nov 15 j 10:53	20°♍19'13	46°54'33
	-2001 Nov 24 j 15:39	0°♎	
	-2001 Dec 21 j 07:41	0°♏	
	-2000 Jan 15 j 19:12	0°♐	
	-2000 Feb 09 j 20:38	0°♑	
desc. node	-2000 Feb 11 j 03:36	1°♑33'04	
	-2000 Mar 05 j 17:51	0°♒	
	-2000 Mar 30 j 12:37	0°♓	
	-2000 Apr 24 j 05:06	0°♈	
morning set	-2000 May 17 j 09:49	28°♈19'07	
	-2000 May 18 j 18:46	0°♉	
asc. node	-2000 Jun 03 j 04:19	18°♉53'37	
	-2000 Jun 12 j 04:52	0°♊	
max. Earth dist.	-2000 Jun 18 j 20:06	8°♊11'04	1.73146 AU
superior conj	-2000 Jun 22 j 11:37	12°♊41'25	0°43'27
minimum elong	-2000 Jun 22 j 04:05	12°♊18'08	0°43'10
	-2000 Jul 06 j 11:09	0°♋	
evening rise	-2000 Jul 28 j 11:37	27°♋22'06	
	-2000 Jul 30 j 14:21	0°♌	
	-2000 Aug 23 j 16:09	0°♍	
	-2000 Sep 16 j 18:21	0°♎	
desc. node	-2000 Sep 22 j 20:09	7°♎33'08	
	-2000 Oct 10 j 22:33	0°♏	
	-2000 Nov 04 j 06:28	0°♐	
	-2000 Nov 28 j 21:44	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2000 Dec 24 j 04:52	0°♒	
asc. node	-1999 Jan 13 j 20:34	23°♒20'00	
	-1999 Jan 20 j 00:57	0°♓	
evening max el	-1999 Jan 31 j 18:16	12°♓03'04	45°58'03
	-1999 Feb 20 j 20:16	0°♈	
greatest brilliancy	-1999 Mar 11 j 05:37	10°♈59'03	-4.7m
retrograde	-1999 Mar 22 j 01:48	13°♈07'50	
evening set	-1999 Apr 07 j 07:05	8°♈01'41	
inferior conj	-1999 Apr 12 j 12:04	4°♈50'08	4°57'46
minimum elong	-1999 Apr 12 j 20:49	4°♈36'19	4°55'46
min. Earth dist.	-1999 Apr 12 j 21:36	4°♈35'06	0.29166 AU
morning rise	-1999 Apr 18 j 10:35	1°♈13'24	
	-1999 Apr 20 j 17:21	30°℞♓	
direct	-1999 May 04 j 04:36	26°♓26'47	
desc. node	-1999 May 05 j 12:31	26°♓28'50	
greatest brilliancy	-1999 May 14 j 14:15	28°♓23'37	-4.7m
	-1999 May 18 j 12:04	0°♈	
morning max el	-1999 Jun 22 j 03:34	26°♈21'47	45°52'04
	-1999 Jun 25 j 21:32	0°♉	
	-1999 Jul 24 j 07:14	0°♊	
	-1999 Aug 19 j 09:08	0°♋	
asc. node	-1999 Aug 26 j 13:54	8°♋33'12	
	-1999 Sep 13 j 07:20	0°♌	
	-1999 Oct 07 j 14:06	0°♍	
	-1999 Oct 31 j 13:25	0°♎	
	-1999 Nov 24 j 10:42	0°♏	
desc. node	-1999 Dec 16 j 05:49	27°♏19'56	
	-1999 Dec 18 j 08:59	0°♐	
morning set	-1999 Dec 23 j 19:33	6°♐48'15	
	-1998 Jan 11 j 09:31	0°♑	
superior conj	-1998 Feb 02 j 21:41	27°♑59'10	-1°22'35
minimum elong	-1998 Feb 02 j 17:03	27°♑44'46	1°22'34
	-1998 Feb 04 j 12:38	0°♒	
max. Earth dist.	-1998 Feb 06 j 13:09	2°♒30'27	1.72509 AU
	-1998 Feb 28 j 18:35	0°♓	
evening rise	-1998 Mar 13 j 15:45	15°♓52'24	
	-1998 Mar 25 j 03:46	0°♈	
asc. node	-1998 Apr 08 j 06:32	17°♈17'07	
	-1998 Apr 18 j 16:34	0°♉	
	-1998 May 13 j 09:30	0°♊	
	-1998 Jun 07 j 07:40	0°♋	
	-1998 Jul 02 j 13:46	0°♌	
	-1998 Jul 28 j 09:41	0°♍	
desc. node	-1998 Jul 28 j 22:05	0°♍35'24	
	-1998 Aug 24 j 09:44	0°♎	
evening max el	-1998 Sep 08 j 11:12	15°♎36'57	47°14'18
	-1998 Sep 23 j 20:08	0°♏	
greatest brilliancy	-1998 Oct 19 j 05:24	16°♏34'10	-4.9m
retrograde	-1998 Oct 29 j 00:58	18°♏23'49	
evening set	-1998 Nov 12 j 10:12	14°♏14'06	
min. Earth dist.	-1998 Nov 18 j 02:32	10°♏53'51	0.26391 AU
inferior conj	-1998 Nov 18 j 13:07	10°♏37'38	-0°06'16
minimum elong	-1998 Nov 18 j 13:21	10°♏37'16	0°06'14
transit middle	-1998 Nov 18 j 13:21	10°♏37'16	0°06'14
transit begin	-1998 Nov 18 j 09:35	10°♏43'03	
transit end	-1998 Nov 18 j 17:08	10°♏31'29	
asc. node	-1998 Nov 18 j 22:48	10°♏22'48	
morning rise	-1998 Nov 24 j 17:03	7°♏01'51	
direct	-1998 Dec 08 j 19:58	3°♏02'27	
greatest brilliancy	-1998 Dec 18 j 11:45	4°♏49'48	-4.9m
	-1997 Jan 22 j 09:01	0°♐	
morning max el	-1997 Jan 27 j 20:13	5°♐18'51	46°30'23
	-1997 Feb 20 j 09:29	0°♑	
desc. node	-1997 Mar 10 j 15:22	20°♑19'26	
	-1997 Mar 19 j 03:11	0°♒	
	-1997 Apr 13 j 23:36	0°♓	
	-1997 May 09 j 08:03	0°♈	
	-1997 Jun 03 j 07:32	0°♉	
	-1997 Jun 27 j 22:52	0°♊	
asc. node	-1997 Jul 01 j 16:17	4°♊34'13	
	-1997 Jul 22 j 06:38	0°♋	
morning set	-1997 Jul 25 j 02:35	3°♋30'54	
	-1997 Aug 15 j 08:14	0°♌	
max. Earth dist.	-1997 Aug 28 j 11:56	16°♌29'38	1.71511 AU
superior conj	-1997 Aug 31 j 13:06	20°♌19'15	1°23'27
minimum elong	-1997 Aug 31 j 16:00	20°♌28'24	1°23'29
	-1997 Sep 08 j 05:58	0°♍	
	-1997 Oct 02 j 02:22	0°♎	
evening rise	-1997 Oct 10 j 08:25	10°♎22'26	
desc. node	-1997 Oct 21 j 08:07	24°♎10'38	
	-1997 Oct 25 j 23:28	0°♏	
	-1997 Nov 18 j 22:33	0°♐	
	-1997 Dec 13 j 00:52	0°♑	
	-1996 Jan 06 j 08:49	0°♒	
	-1996 Jan 31 j 02:58	0°♓	
asc. node	-1996 Feb 11 j 08:32	13°♓20'51	
	-1996 Feb 25 j 15:22	0°♈	
	-1996 Mar 23 j 14:27	0°♉	
evening max el	-1996 Apr 12 j 13:03	20°♉14'44	45°12'22
	-1996 Apr 23 j 06:40	0°♊	
greatest brilliancy	-1996 May 20 j 06:47	17°♊32'22	-4.7m
retrograde	-1996 May 30 j 19:51	19°♊31'07	
desc. node	-1996 Jun 02 j 00:27	19°♊25'34	
evening set	-1996 Jun 15 j 00:40	15°♊09'22	
inferior conj	-1996 Jun 21 j 05:03	11°♊30'15	-4°18'49
minimum elong	-1996 Jun 20 j 20:31	11°♊43'26	4°16'34
min. Earth dist.	-1996 Jun 21 j 12:07	11°♊19'19	0.28587 AU
morning rise	-1996 Jun 26 j 15:50	8°♊13'52	
direct	-1996 Jul 12 j 19:32	3°♊17'56	
greatest brilliancy	-1996 Jul 23 j 17:35	5°♊26'27	-4.8m
	-1996 Aug 26 j 18:21	0°♋	
morning max el	-1996 Aug 31 j 14:41	4°♋43'06	46°27'29
asc. node	-1996 Sep 23 j 01:35	28°♋33'00	
	-1996 Sep 24 j 08:40	0°♌	
	-1996 Oct 20 j 04:03	0°♍	
	-1996 Nov 13 j 22:03	0°♎	
	-1996 Dec 08 j 06:23	0°♏	
	-1995 Jan 01 j 12:23	0°♐	
desc. node	-1995 Jan 12 j 17:53	13°♐53'04	
	-1995 Jan 25 j 19:01	0°♑	
	-1995 Feb 19 j 03:01	0°♒	
morning set	-1995 Mar 08 j 03:47	20°♒57'40	
	-1995 Mar 15 j 12:15	0°♓	
	-1995 Apr 08 j 22:25	0°♈	
superior conj	-1995 Apr 14 j 06:49	6°♈34'00	-0°47'39
minimum elong	-1995 Apr 14 j 15:02	6°♈59'13	0°47'19
max. Earth dist.	-1995 Apr 14 j 07:47	6°♈36'57	1.73654 AU
	-1995 May 03 j 09:00	0°♉	
asc. node	-1995 May 05 j 18:28	2°♉56'24	
evening rise	-1995 May 20 j 11:35	21°♉00'07	
	-1995 May 27 j 19:26	0°♊	
	-1995 Jun 21 j 05:35	0°♋	
	-1995 Jul 15 j 16:13	0°♌	
	-1995 Aug 09 j 04:58	0°♍	
desc. node	-1995 Aug 25 j 10:10	19°♍42'46	
	-1995 Sep 02 j 22:16	0°♎	
	-1995 Sep 27 j 23:49	0°♏	
	-1995 Oct 23 j 18:11	0°♐	
evening max el	-1995 Nov 19 j 07:49	28°♐56'56	47°17'31
	-1995 Nov 20 j 08:32	0°♑	
asc. node	-1995 Dec 16 j 10:50	23°♑13'24	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1995 Dec 27 j 23:42	0°♒		
greatest brilliancy	-1995 Dec 29 j 16:46	0°♒42'43	-4.9m	
retrograde	-1994 Jan 09 j 08:30	2°♒53'14		
	-1994 Jan 21 j 04:40	30°℞♑		
evening set	-1994 Jan 26 j 15:13	27°♑01'03		
min. Earth dist.	-1994 Jan 29 j 14:59	25°♑08'51	0.28186 AU	
inferior conj	-1994 Jan 30 j 11:09	24°♑36'45	8°12'35	
minimum elong	-1994 Jan 30 j 06:07	24°♑44'45	8°12'08	
morning rise	-1994 Feb 02 j 21:20	22°♑27'50		
direct	-1994 Feb 20 j 09:53	16°♑32'03		
greatest brilliancy	-1994 Mar 01 j 07:50	18°♑00'11	-4.8m	
	-1994 Mar 22 j 05:45	0°♒		
desc. node	-1994 Apr 07 j 02:58	13°♒38'11		
morning max el	-1994 Apr 10 j 07:03	16°♒37'57	45°53'24	
	-1994 Apr 23 j 17:02	0°♓		
	-1994 May 21 j 11:52	0°♈		
	-1994 Jun 16 j 17:04	0°♉		
	-1994 Jul 12 j 00:57	0°♊		
asc. node	-1994 Jul 29 j 04:08	20°♊44'50		
	-1994 Aug 05 j 17:32	0°♋		
	-1994 Aug 29 j 22:51	0°♌		
	-1994 Sep 22 j 21:02	0°♍		
greatest brilliancy	-1994 Sep 25 j 14:07	3°♍24'50	-3.9m	
morning set	-1994 Oct 05 j 05:12	15°♍32'51		
	-1994 Oct 16 j 16:07	0°♎		
	-1994 Nov 09 j 11:09	0°♏		
superior conj	-1994 Nov 15 j 07:04	7°♏20'28	0°06'01	
minimum elong	-1994 Nov 15 j 08:42	7°♏25'37	0°05'55	
behind sun begin	-1994 Nov 14 j 07:20	6°♏05'45		
behind sun end	-1994 Nov 16 j 10:04	8°♏45'27		
desc. node	-1994 Nov 17 j 20:05	10°♏32'26		
max. Earth dist.	-1994 Nov 18 j 06:45	11°♏06'00	1.71050 AU	
	-1994 Dec 03 j 07:50	0°♐		
evening rise	-1994 Dec 27 j 09:33	0°♑08'00		
	-1994 Dec 27 j 06:59	0°♑		
	-1993 Jan 20 j 09:30	0°♒		
	-1993 Feb 13 j 16:54	0°♓		
	-1993 Mar 10 j 07:29	0°♈		
asc. node	-1993 Mar 10 j 20:33	0°♈39'34		
	-1993 Apr 04 j 08:12	0°♉		
	-1993 Apr 29 j 23:43	0°♊		
	-1993 May 26 j 16:07	0°♋		
evening max el	-1993 Jun 24 j 05:48	29°♋33'51	45°51'20	
	-1993 Jun 24 j 16:43	0°♌		
desc. node	-1993 Jun 30 j 12:24	5°♌26'09		
greatest brilliancy	-1993 Aug 03 j 08:17	28°♌22'06	-4.8m	
retrograde	-1993 Aug 12 j 12:15	29°♌54'18		
evening set	-1993 Aug 30 j 10:18	23°♌56'16		
inferior conj	-1993 Sep 02 j 08:55	22°♌10'28	-8°46'58	
minimum elong	-1993 Sep 02 j 12:41	22°♌04'46	8°46'44	
min. Earth dist.	-1993 Sep 03 j 00:14	21°♌47'16	0.27303 AU	
morning rise	-1993 Sep 05 j 14:53	20°♌13'31		
direct	-1993 Sep 23 j 04:55	14°♌20'11		
greatest brilliancy	-1993 Oct 04 j 05:06	16°♌36'53	-4.9m	
asc. node	-1993 Oct 21 j 13:09	27°♌11'41		
	-1993 Oct 25 j 00:07	0°♍		
morning max el	-1993 Nov 13 j 01:47	17°♍57'13	46°54'31	
	-1993 Nov 24 j 10:57	0°♎		
	-1993 Dec 20 j 22:53	0°♏		
	-1992 Jan 15 j 08:35	0°♐		
	-1992 Feb 09 j 08:59	0°♑		
desc. node	-1992 Feb 10 j 05:37	1°♑02'08		
	-1992 Mar 05 j 05:32	0°♒		
	-1992 Mar 29 j 23:49	0°♓		
	-1992 Apr 23 j 16:00	0°♈		
morning set	-1992 May 15 j 04:25	26°♈16'20		
	-1992 May 18 j 05:29	0°♉		
asc. node	-1992 Jun 02 j 06:29	18°♉27'35		
	-1992 Jun 11 j 15:31	0°♊		
max. Earth dist.	-1992 Jun 16 j 17:22	6°♊15'41	1.73190 AU	
superior conj	-1992 Jun 20 j 05:54	10°♊36'39	0°40'44	
minimum elong	-1992 Jun 19 j 22:42	10°♊14'24	0°40'27	
	-1992 Jul 05 j 21:51	0°♋		
evening rise	-1992 Jul 26 j 04:40	25°♋11'57		
	-1992 Jul 30 j 01:14	0°♌		
	-1992 Aug 23 j 03:15	0°♍		
	-1992 Sep 16 j 05:44	0°♎		
desc. node	-1992 Sep 21 j 22:09	7°♎03'47		
	-1992 Oct 10 j 10:15	0°♏		
	-1992 Nov 03 j 18:38	0°♐		
	-1992 Nov 28 j 10:40	0°♑		
	-1992 Dec 23 j 19:19	0°♒		
asc. node	-1991 Jan 12 j 22:38	22°♒39'28		
	-1991 Jan 19 j 19:12	0°♓		
evening max el	-1991 Jan 29 j 10:51	9°♓52'37	46°00'40	
	-1991 Feb 21 j 09:27	0°♈		
greatest brilliancy	-1991 Mar 08 j 22:29	8°♈51'34	-4.7m	
retrograde	-1991 Mar 19 j 19:00	11°♈00'21		
evening set	-1991 Apr 05 j 02:24	5°♈50'37		
inferior conj	-1991 Apr 10 j 04:52	2°♈42'13	5°13'03	
minimum elong	-1991 Apr 10 j 13:49	2°♈28'06	5°11'04	
min. Earth dist.	-1991 Apr 10 j 13:36	2°♈28'25	0.29168 AU	
	-1991 Apr 14 j 13:39	30°℞♓		
morning rise	-1991 Apr 16 j 01:20	29°♓08'16		
direct	-1991 May 01 j 21:42	24°♓19'08		
desc. node	-1991 May 04 j 14:37	24°♓27'32		
greatest brilliancy	-1991 May 12 j 04:57	26°♓14'06	-4.7m	
	-1991 May 20 j 08:10	0°♈		
morning max el	-1991 Jun 19 j 20:09	24°♈13'53	45°51'12	
	-1991 Jun 25 j 17:53	0°♉		
	-1991 Jul 23 j 22:13	0°♊		
	-1991 Aug 18 j 22:11	0°♋		
asc. node	-1991 Aug 25 j 15:54	8°♋01'08		
	-1991 Sep 12 j 19:28	0°♌		
	-1991 Oct 07 j 01:45	0°♍		
	-1991 Oct 31 j 00:47	0°♎		
	-1991 Nov 23 j 21:51	0°♏		
desc. node	-1991 Dec 15 j 08:03	26°♏52'26		
	-1991 Dec 17 j 19:58	0°♐		
morning set	-1991 Dec 21 j 05:53	4°♐16'11		
	-1990 Jan 10 j 20:23	0°♑		
superior conj	-1990 Jan 31 j 10:52	25°♑37'40	-1°21'44	
minimum elong	-1990 Jan 31 j 05:22	25°♑20'37	1°21'42	
	-1990 Feb 03 j 23:25	0°♒		
max. Earth dist.	-1990 Feb 04 j 06:55	0°♒23'16	1.72455 AU	
	-1990 Feb 28 j 05:20	0°♓		
evening rise	-1990 Mar 11 j 07:40	13°♓40'38		
	-1990 Mar 24 j 14:33	0°♈		
asc. node	-1990 Apr 07 j 08:34	16°♈50'07		
	-1990 Apr 18 j 03:32	0°♉		
	-1990 May 12 j 20:51	0°♊		
	-1990 Jun 06 j 19:41	0°♋		
	-1990 Jul 02 j 02:54	0°♌		
desc. node	-1990 Jul 28 j 00:08	29°♌58'14		
	-1990 Jul 28 j 00:45	0°♍		
	-1990 Aug 24 j 04:59	0°♎		
evening max el	-1990 Sep 06 j 01:07	13°♎13'30	47°12'06	
	-1990 Sep 24 j 06:48	0°♏		
greatest brilliancy	-1990 Oct 16 j 19:35	14°♏06'03	-4.9m	
retrograde	-1990 Oct 26 j 13:07	15°♏53'30		
evening set	-1990 Nov 09 j 23:30	11°♏43'33		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-1990 Nov 15 j 16:28	8°♏22'12	0.26365 AU
inferior conj	-1990 Nov 16 j 01:21	8°♏08'35	-0°30'51
minimum elong	-1990 Nov 16 j 02:31	8°♏06'48	0°30'30
asc. node	-1990 Nov 18 j 01:02	6°♏55'54	
morning rise	-1990 Nov 22 j 05:58	4°♏31'43	
direct	-1990 Dec 06 j 08:00	0°♏34'00	
greatest brilliancy	-1990 Dec 16 j 01:30	2°♏22'31	-4.9m
	-1989 Jan 22 j 10:02	0°♐	
morning max el	-1989 Jan 25 j 08:36	2°♐53'20	46°31'53
	-1989 Feb 20 j 02:16	0°♑	
desc. node	-1989 Mar 09 j 17:26	19°♑43'58	
	-1989 Mar 18 j 17:03	0°♒	
	-1989 Apr 13 j 12:02	0°♓	
	-1989 May 08 j 19:41	0°♈	
	-1989 Jun 02 j 18:42	0°♉	
	-1989 Jun 27 j 09:47	0°♊	
asc. node	-1989 Jun 30 j 18:23	4°♊07'15	
	-1989 Jul 21 j 17:28	0°♋	
morning set	-1989 Jul 22 j 19:09	1°♋19'42	
	-1989 Aug 14 j 19:04	0°♌	
max. Earth dist.	-1989 Aug 25 j 22:01	13°♌56'34	1.71567 AU
superior conj	-1989 Aug 29 j 03:38	18°♌00'04	1°23'53
minimum elong	-1989 Aug 29 j 05:42	18°♌06'36	1°23'54
	-1989 Sep 07 j 16:53	0°♍	
	-1989 Oct 01 j 13:25	0°♎	
evening rise	-1989 Oct 07 j 18:47	7°♎49'17	
desc. node	-1989 Oct 20 j 10:15	23°♎42'13	
	-1989 Oct 25 j 10:41	0°♏	
	-1989 Nov 18 j 09:56	0°♐	
	-1989 Dec 12 j 12:25	0°♑	
	-1988 Jan 05 j 20:39	0°♒	
	-1988 Jan 30 j 15:24	0°♓	
asc. node	-1988 Feb 10 j 10:34	12°♓48'51	
	-1988 Feb 25 j 05:07	0°♈	
	-1988 Mar 23 j 07:25	0°♉	
evening max el	-1988 Apr 10 j 03:43	18°♉02'01	45°12'31
	-1988 Apr 23 j 12:00	0°♊	
greatest brilliancy	-1988 May 17 j 21:41	15°♊21'41	-4.7m
retrograde	-1988 May 28 j 11:04	17°♊21'15	
desc. node	-1988 Jun 01 j 02:40	17°♊05'45	
evening set	-1988 Jun 12 j 14:50	13°♊00'47	
inferior conj	-1988 Jun 18 j 20:50	9°♊19'42	-4°00'49
minimum elong	-1988 Jun 18 j 12:45	9°♊32'12	3°58'40
min. Earth dist.	-1988 Jun 19 j 04:24	9°♊08'01	0.28621 AU
morning rise	-1988 Jun 24 j 10:03	5°♊59'45	
direct	-1988 Jul 10 j 11:05	1°♊06'30	
greatest brilliancy	-1988 Jul 21 j 10:28	3°♊15'51	-4.8m
	-1988 Aug 26 j 17:59	0°♋	
morning max el	-1988 Aug 29 j 05:20	2°♋25'34	46°26'05
asc. node	-1988 Sep 22 j 03:42	27°♋52'38	
	-1988 Sep 24 j 00:59	0°♌	
	-1988 Oct 19 j 17:57	0°♍	
	-1988 Nov 13 j 10:50	0°♎	
	-1988 Dec 07 j 18:32	0°♏	
	-1987 Jan 01 j 00:07	0°♐	
desc. node	-1987 Jan 11 j 19:51	13°♐23'28	
	-1987 Jan 25 j 06:25	0°♑	
	-1987 Feb 18 j 14:06	0°♒	
morning set	-1987 Mar 05 j 19:32	18°♒44'50	
	-1987 Mar 14 j 23:07	0°♓	
	-1987 Apr 08 j 09:10	0°♈	
superior conj	-1987 Apr 12 j 00:58	4°♈29'30	-0°50'13
minimum elong	-1987 Apr 12 j 09:26	4°♈55'29	0°49'52
max. Earth dist.	-1987 Apr 12 j 03:51	4°♈38'20	1.73639 AU
	-1987 May 02 j 19:45	0°♉	
asc. node	-1987 May 04 j 20:41	2°♉30'12	
evening rise	-1987 May 18 j 07:06	18°♉59'30	
	-1987 May 27 j 06:18	0°♊	
	-1987 Jun 20 j 16:43	0°♋	
	-1987 Jul 15 j 03:44	0°♌	
	-1987 Aug 08 j 17:04	0°♍	
desc. node	-1987 Aug 24 j 12:10	19°♍10'38	
	-1987 Sep 02 j 11:12	0°♎	
	-1987 Sep 27 j 14:02	0°♏	
	-1987 Oct 23 j 10:47	0°♐	
evening max el	-1987 Nov 16 j 22:24	26°♐34'47	47°19'17
	-1987 Nov 20 j 07:28	0°♑	
asc. node	-1987 Dec 15 j 12:55	21°♑54'36	
greatest brilliancy	-1987 Dec 27 j 08:37	28°♑24'05	-4.9m
	-1986 Jan 01 j 14:50	0°♒	
retrograde	-1986 Jan 07 j 00:20	0°♒35'01	
	-1986 Jan 12 j 06:51	30°℞♑	
evening set	-1986 Jan 24 j 03:54	24°♑46'56	
min. Earth dist.	-1986 Jan 27 j 05:24	22°♑52'26	0.28117 AU
inferior conj	-1986 Jan 28 j 02:25	22°♑19'05	8°07'04
minimum elong	-1986 Jan 27 j 20:44	22°♑28'07	8°06'31
morning rise	-1986 Jan 31 j 13:52	20°♑08'32	
direct	-1986 Feb 17 j 23:55	14°♑15'16	
greatest brilliancy	-1986 Feb 26 j 21:58	15°♑43'40	-4.8m
	-1986 Mar 22 j 17:04	0°♒	
desc. node	-1986 Apr 06 j 05:03	12°♒46'51	
morning max el	-1986 Apr 07 j 22:35	14°♒25'32	45°54'27
	-1986 Apr 23 j 11:28	0°♓	
	-1986 May 21 j 02:18	0°♈	
	-1986 Jun 16 j 05:50	0°♉	
	-1986 Jul 11 j 12:52	0°♊	
asc. node	-1986 Jul 28 j 06:09	20°♊15'39	
	-1986 Aug 05 j 05:01	0°♋	
	-1986 Aug 29 j 10:09	0°♌	
	-1986 Sep 22 j 08:16	0°♍	
greatest brilliancy	-1986 Sep 25 j 07:02	3°♍42'42	-3.9m
morning set	-1986 Oct 02 j 17:22	13°♍04'28	
	-1986 Oct 16 j 03:21	0°♎	
	-1986 Nov 08 j 22:23	0°♏	
superior conj	-1986 Nov 12 j 16:01	4°♏42'11	0°10'03
minimum elong	-1986 Nov 12 j 18:44	4°♏50'45	0°09'53
behind sun begin	-1986 Nov 11 j 21:00	3°♏42'18	
behind sun end	-1986 Nov 13 j 16:28	5°♏59'11	
max. Earth dist.	-1986 Nov 15 j 13:42	8°♏21'29	1.71029 AU
desc. node	-1986 Nov 16 j 22:15	10°♏03'53	
	-1986 Dec 02 j 19:04	0°♐	
evening rise	-1986 Dec 24 j 19:46	27°♐34'55	
	-1986 Dec 26 j 18:14	0°♑	
	-1985 Jan 19 j 20:49	0°♒	
	-1985 Feb 13 j 04:22	0°♓	
asc. node	-1985 Mar 09 j 22:40	0°♈10'19	
	-1985 Mar 09 j 19:16	0°♈	
	-1985 Apr 03 j 20:37	0°♉	
	-1985 Apr 29 j 13:24	0°♊	
	-1985 May 26 j 08:31	0°♋	
evening max el	-1985 Jun 21 j 20:29	27°♋17'34	45°48'46
	-1985 Jun 24 j 17:02	0°♌	
desc. node	-1985 Jun 29 j 14:22	4°♌29'03	
greatest brilliancy	-1985 Jul 31 j 19:09	25°♌57'53	-4.8m
retrograde	-1985 Aug 10 j 01:13	27°♌31'16	
evening set	-1985 Aug 27 j 23:52	21°♌31'58	
inferior conj	-1985 Aug 30 j 21:59	19°♌46'45	-8°49'55
minimum elong	-1985 Aug 31 j 00:52	19°♌42'22	8°49'46
min. Earth dist.	-1985 Aug 31 j 12:37	19°♌24'33	0.27362 AU
morning rise	-1985 Sep 03 j 01:42	17°♌53'01	
direct	-1985 Sep 20 j 19:32	11°♌55'42	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-1985 Oct 01 j 18:29	14°♌11'29	-4.9m
asc. node	-1985 Oct 20 j 15:23	25°♌58'34	
	-1985 Oct 25 j 10:09	0°♍	
morning max el	-1985 Nov 10 j 16:21	15°♍33'12	46°54'17
	-1985 Nov 24 j 06:12	0°♎	
	-1985 Dec 20 j 14:18	0°♏	
	-1984 Jan 14 j 22:14	0°♐	
	-1984 Feb 08 j 21:36	0°♑	
desc. node	-1984 Feb 09 j 07:42	0°♑30'28	
	-1984 Mar 04 j 17:29	0°♒	
	-1984 Mar 29 j 11:20	0°♓	
	-1984 Apr 23 j 03:12	0°♈	
morning set	-1984 May 12 j 23:21	24°♈13'42	
	-1984 May 17 j 16:29	0°♉	
asc. node	-1984 Jun 01 j 08:36	18°♉00'24	
	-1984 Jun 11 j 02:27	0°♊	
max. Earth dist.	-1984 Jun 14 j 13:47	4°♊16'52	1.73228 AU
superior conj	-1984 Jun 18 j 00:42	8°♊32'43	0°37'59
minimum elong	-1984 Jun 17 j 17:52	8°♊11'38	0°37'44
	-1984 Jul 05 j 08:49	0°♋	
evening rise	-1984 Jul 23 j 22:17	23°♋02'55	
	-1984 Jul 29 j 12:22	0°♌	
	-1984 Aug 22 j 14:39	0°♍	
	-1984 Sep 15 j 17:28	0°♎	
desc. node	-1984 Sep 21 j 00:19	6°♎33'49	
	-1984 Oct 09 j 22:22	0°♏	
	-1984 Nov 03 j 07:17	0°♐	
	-1984 Nov 28 j 00:10	0°♑	
	-1984 Dec 23 j 10:26	0°♒	
asc. node	-1983 Jan 12 j 00:41	21°♒57'01	
	-1983 Jan 19 j 14:29	0°♓	
evening max el	-1983 Jan 27 j 02:50	7°♓39'04	46°03'24
	-1983 Feb 22 j 04:03	0°♈	
greatest brilliancy	-1983 Mar 06 j 15:55	6°♈43'22	-4.8m
retrograde	-1983 Mar 17 j 11:44	8°♈51'26	
evening set	-1983 Apr 02 j 21:45	3°♈38'12	
inferior conj	-1983 Apr 07 j 21:40	0°♈33'05	5°27'57
minimum elong	-1983 Apr 08 j 06:45	0°♈18'43	5°25'58
min. Earth dist.	-1983 Apr 08 j 05:52	0°♈20'06	0.29164 AU
	-1983 Apr 08 j 18:34	30°℞♓	
morning rise	-1983 Apr 13 j 15:52	27°♓01'56	
direct	-1983 Apr 29 j 14:32	22°♓10'16	
desc. node	-1983 May 03 j 16:51	22°♓29'21	
greatest brilliancy	-1983 May 09 j 19:54	24°♓03'32	-4.7m
	-1983 May 21 j 14:56	0°♈	
morning max el	-1983 Jun 17 j 11:59	22°♈03'10	45°50'34
	-1983 Jun 25 j 14:00	0°♉	
	-1983 Jul 23 j 13:20	0°♊	
	-1983 Aug 18 j 11:24	0°♋	
asc. node	-1983 Aug 24 j 18:04	7°♋28'58	
	-1983 Sep 12 j 07:49	0°♌	
	-1983 Oct 06 j 13:41	0°♍	
	-1983 Oct 30 j 12:29	0°♎	
	-1983 Nov 23 j 09:24	0°♏	
desc. node	-1983 Dec 14 j 10:03	26°♏22'50	
	-1983 Dec 17 j 07:25	0°♐	
morning set	-1983 Dec 18 j 15:35	1°♐40'41	
	-1982 Jan 10 j 07:43	0°♑	
superior conj	-1982 Jan 28 j 23:20	23°♑12'25	-1°20'42
minimum elong	-1982 Jan 28 j 17:01	22°♑52'48	1°20'39
max. Earth dist.	-1982 Feb 01 j 23:26	28°♑10'43	1.72395 AU
	-1982 Feb 03 j 10:39	0°♒	
	-1982 Feb 27 j 16:30	0°♓	
evening rise	-1982 Mar 08 j 22:58	11°♓25'34	
	-1982 Mar 24 j 01:45	0°♈	
asc. node	-1982 Apr 06 j 10:46	16°♈22'17	
	-1982 Apr 17 j 14:56	0°♉	
	-1982 May 12 j 08:38	0°♊	
	-1982 Jun 06 j 08:09	0°♋	
	-1982 Jul 01 j 16:27	0°♌	
desc. node	-1982 Jul 27 j 02:14	29°♌20'08	
	-1982 Jul 27 j 16:18	0°♍	
	-1982 Aug 24 j 00:59	0°♎	
evening max el	-1982 Sep 03 j 14:02	10°♎47'08	47°09'51
	-1982 Sep 24 j 21:10	0°♏	
greatest brilliancy	-1982 Oct 14 j 09:57	11°♏37'47	-4.9m
retrograde	-1982 Oct 24 j 00:54	13°♏22'58	
evening set	-1982 Nov 07 j 13:03	9°♏12'05	
inferior conj	-1982 Nov 13 j 13:42	5°♏39'08	-0°55'17
minimum elong	-1982 Nov 13 j 15:47	5°♏35'56	0°54'37
min. Earth dist.	-1982 Nov 13 j 06:45	5°♏49'48	0.26351 AU
asc. node	-1982 Nov 17 j 03:06	3°♏30'19	
morning rise	-1982 Nov 19 j 18:48	2°♏01'23	
	-1982 Nov 24 j 03:27	30°℞♎	
direct	-1982 Dec 03 j 19:47	28°♎04'39	
greatest brilliancy	-1982 Dec 13 j 16:03	29°♎55'12	-4.9m
	-1982 Dec 13 j 21:21	0°♏	
	-1981 Jan 22 j 10:25	0°♐	
morning max el	-1981 Jan 22 j 20:58	0°♐26'11	46°33'12
	-1981 Feb 19 j 19:14	0°♑	
desc. node	-1981 Mar 08 j 19:36	19°♑07'39	
	-1981 Mar 18 j 07:16	0°♒	
	-1981 Apr 13 j 00:50	0°♓	
	-1981 May 08 j 07:39	0°♈	
	-1981 Jun 02 j 06:11	0°♉	
	-1981 Jun 26 j 21:01	0°♊	
asc. node	-1981 Jun 29 j 20:22	3°♊38'54	
morning set	-1981 Jul 20 j 11:52	29°♊08'07	
	-1981 Jul 21 j 04:35	0°♋	
	-1981 Aug 14 j 06:11	0°♌	
max. Earth dist.	-1981 Aug 23 j 10:43	11°♌30'56	1.71619 AU
superior conj	-1981 Aug 26 j 18:36	15°♌41'30	1°24'10
minimum elong	-1981 Aug 26 j 19:51	15°♌45'25	1°24'12
	-1981 Sep 07 j 04:02	0°♍	
	-1981 Oct 01 j 00:40	0°♎	
evening rise	-1981 Oct 05 j 05:48	5°♎17'43	
desc. node	-1981 Oct 19 j 12:24	23°♎13'17	
	-1981 Oct 24 j 22:04	0°♏	
	-1981 Nov 17 j 21:29	0°♐	
	-1981 Dec 12 j 00:13	0°♑	
	-1980 Jan 05 j 08:48	0°♒	
	-1980 Jan 30 j 04:14	0°♓	
asc. node	-1980 Feb 09 j 12:42	12°♓15'55	
	-1980 Feb 24 j 19:25	0°♈	
	-1980 Mar 23 j 01:15	0°♉	
evening max el	-1980 Apr 07 j 18:29	15°♉48'21	45°12'55
	-1980 Apr 23 j 20:15	0°♊	
greatest brilliancy	-1980 May 15 j 11:57	13°♊09'07	-4.7m
retrograde	-1980 May 26 j 02:39	15°♊10'11	
desc. node	-1980 May 31 j 04:38	14°♊39'51	
evening set	-1980 Jun 10 j 05:01	10°♊50'39	
inferior conj	-1980 Jun 16 j 12:26	7°♊07'48	-3°42'26
minimum elong	-1980 Jun 16 j 04:49	7°♊19'32	3°40'22
min. Earth dist.	-1980 Jun 16 j 20:13	6°♊55'48	0.28654 AU
morning rise	-1980 Jun 22 j 04:02	3°♊44'38	
	-1980 Jun 30 j 15:38	30°℞♉	
direct	-1980 Jul 08 j 02:48	28°♉53'45	
	-1980 Jul 15 j 20:44	0°♊	
greatest brilliancy	-1980 Jul 19 j 02:55	1°♊03'54	-4.8m
	-1980 Aug 26 j 16:55	0°♋	
morning max el	-1980 Aug 26 j 20:51	0°♋09'44	46°24'50

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1980 Sep 21 j 05:51	27°♋12'15	
	-1980 Sep 23 j 17:13	0°♌	
	-1980 Oct 19 j 07:52	0°♍	
	-1980 Nov 12 j 23:39	0°♎	
	-1980 Dec 07 j 06:43	0°♏	
	-1980 Dec 31 j 11:53	0°♐	
desc. node	-1979 Jan 10 j 21:56	12°♐54'00	
	-1979 Jan 24 j 17:52	0°♑	
	-1979 Feb 18 j 01:19	0°♒	
morning set	-1979 Mar 03 j 10:50	16°♒30'01	
	-1979 Mar 14 j 10:10	0°♓	
	-1979 Apr 07 j 20:07	0°♈	
superior conj	-1979 Apr 09 j 18:38	2°♈22'47	-0°52'43
minimum elong	-1979 Apr 10 j 03:19	2°♈49'28	0°52'24
max. Earth dist.	-1979 Apr 10 j 00:13	2°♈39'55	1.73625 AU
	-1979 May 02 j 06:41	0°♉	
asc. node	-1979 May 03 j 22:43	2°♉02'51	
evening rise	-1979 May 16 j 02:11	16°♉57'06	
	-1979 May 26 j 17:21	0°♊	
	-1979 Jun 20 j 04:00	0°♋	
	-1979 Jul 14 j 15:25	0°♌	
	-1979 Aug 08 j 05:21	0°♍	
desc. node	-1979 Aug 23 j 14:20	18°♍38'37	
	-1979 Sep 02 j 00:18	0°♎	
	-1979 Sep 27 j 04:26	0°♏	
	-1979 Oct 23 j 03:38	0°♐	
evening max el	-1979 Nov 14 j 14:04	24°♐15'45	47°21'07
	-1979 Nov 20 j 07:15	0°♑	
asc. node	-1979 Dec 14 j 14:56	20°♑33'43	
greatest brilliancy	-1979 Dec 24 j 23:54	26°♑05'13	-4.9m
retrograde	-1978 Jan 04 j 16:35	28°♑17'12	
evening set	-1978 Jan 21 j 16:29	22°♑33'25	
min. Earth dist.	-1978 Jan 24 j 19:33	20°♑36'53	0.28050 AU
inferior conj	-1978 Jan 25 j 17:44	20°♑01'43	8°00'45
minimum elong	-1978 Jan 25 j 11:26	20°♑11'44	8°00'04
morning rise	-1978 Jan 29 j 06:44	17°♑49'12	
direct	-1978 Feb 15 j 14:38	11°♑58'57	
greatest brilliancy	-1978 Feb 24 j 11:41	13°♑27'04	-4.8m
	-1978 Mar 23 j 01:21	0°♒	
desc. node	-1978 Apr 05 j 07:15	11°♒56'45	
morning max el	-1978 Apr 05 j 14:46	12°♒14'45	45°55'13
	-1978 Apr 23 j 05:30	0°♓	
	-1978 May 20 j 16:40	0°♈	
	-1978 Jun 15 j 18:35	0°♉	
	-1978 Jul 11 j 00:47	0°♊	
asc. node	-1978 Jul 27 j 08:21	19°♊47'02	
	-1978 Aug 04 j 16:29	0°♋	
	-1978 Aug 28 j 21:24	0°♌	
	-1978 Sep 21 j 19:27	0°♍	
greatest brilliancy	-1978 Sep 24 j 15:23	3°♍33'51	-3.9m
morning set	-1978 Sep 30 j 05:36	10°♍36'37	
	-1978 Oct 15 j 14:31	0°♎	
	-1978 Nov 08 j 09:33	0°♏	
superior conj	-1978 Nov 10 j 01:08	2°♏04'40	0°14'02
minimum elong	-1978 Nov 10 j 04:54	2°♏16'33	0°13'49
behind sun begin	-1978 Nov 09 j 14:18	1°♏30'34	
behind sun end	-1978 Nov 10 j 19:30	3°♏02'31	
max. Earth dist.	-1978 Nov 12 j 22:07	5°♏41'49	1.71006 AU
desc. node	-1978 Nov 16 j 00:15	9°♏35'05	
	-1978 Dec 02 j 06:12	0°♐	
evening rise	-1978 Dec 22 j 06:06	25°♐02'36	
	-1978 Dec 26 j 05:21	0°♑	
	-1977 Jan 19 j 07:57	0°♒	
	-1977 Feb 12 j 15:40	0°♓	
asc. node	-1977 Mar 09 j 00:51	29°♓41'43	
	-1977 Mar 09 j 06:54	0°♈	
	-1977 Apr 03 j 08:57	0°♉	
	-1977 Apr 29 j 03:06	0°♊	
	-1977 May 26 j 01:11	0°♋	
evening max el	-1977 Jun 19 j 11:09	25°♋01'21	45°46'12
	-1977 Jun 24 j 18:33	0°♌	
desc. node	-1977 Jun 28 j 16:31	3°♌31'09	
greatest brilliancy	-1977 Jul 29 j 06:32	23°♌34'38	-4.8m
retrograde	-1977 Aug 07 j 13:50	25°♌08'34	
evening set	-1977 Aug 25 j 13:00	19°♌09'04	
inferior conj	-1977 Aug 28 j 11:04	17°♌23'39	-8°51'52
minimum elong	-1977 Aug 28 j 13:02	17°♌20'39	8°51'48
min. Earth dist.	-1977 Aug 29 j 01:08	17°♌02'15	0.27417 AU
morning rise	-1977 Aug 31 j 12:55	15°♌32'27	
direct	-1977 Sep 18 j 09:49	9°♌32'00	
greatest brilliancy	-1977 Sep 29 j 07:53	11°♌46'42	-4.9m
asc. node	-1977 Oct 19 j 17:29	24°♌47'52	
	-1977 Oct 25 j 17:17	0°♍	
morning max el	-1977 Nov 08 j 05:55	13°♍07'13	46°54'00
	-1977 Nov 24 j 00:43	0°♎	
	-1977 Dec 20 j 05:16	0°♏	
	-1976 Jan 14 j 11:30	0°♐	
desc. node	-1976 Feb 08 j 09:53	0°♑00'02	
	-1976 Feb 08 j 09:52	0°♑	
	-1976 Mar 04 j 05:06	0°♒	
	-1976 Mar 28 j 22:30	0°♓	
	-1976 Apr 22 j 14:05	0°♈	
morning set	-1976 May 10 j 18:16	22°♈11'54	
	-1976 May 17 j 03:13	0°♉	
asc. node	-1976 May 31 j 10:38	17°♉33'44	
	-1976 Jun 10 j 13:09	0°♊	
max. Earth dist.	-1976 Jun 12 j 08:28	2°♊13'29	1.73272 AU
superior conj	-1976 Jun 15 j 19:24	6°♊29'14	0°35'12
minimum elong	-1976 Jun 15 j 12:59	6°♊09'25	0°34'57
	-1976 Jul 04 j 19:37	0°♋	
evening rise	-1976 Jul 21 j 15:43	20°♋54'01	
	-1976 Jul 28 j 23:19	0°♌	
	-1976 Aug 22 j 01:50	0°♍	
	-1976 Sep 15 j 04:57	0°♎	
desc. node	-1976 Sep 20 j 02:25	6°♎04'26	
	-1976 Oct 09 j 10:15	0°♏	
	-1976 Nov 02 j 19:43	0°♐	
	-1976 Nov 27 j 13:28	0°♑	
	-1976 Dec 23 j 01:25	0°♒	
asc. node	-1975 Jan 11 j 02:55	21°♒15'39	
	-1975 Jan 19 j 09:53	0°♓	
evening max el	-1975 Jan 24 j 18:08	5°♓24'45	46°06'13
	-1975 Feb 23 j 04:30	0°♈	
greatest brilliancy	-1975 Mar 04 j 09:46	4°♈37'01	-4.8m
retrograde	-1975 Mar 15 j 04:18	6°♈44'17	
evening set	-1975 Mar 31 j 17:17	1°♈27'28	
	-1975 Apr 03 j 02:58	30°℞♓	
inferior conj	-1975 Apr 05 j 14:40	28°♓25'48	5°42'08
minimum elong	-1975 Apr 05 j 23:49	28°♓11'16	5°40'14
min. Earth dist.	-1975 Apr 05 j 22:30	28°♓13'21	0.29159 AU
morning rise	-1975 Apr 11 j 06:28	24°♓57'33	
direct	-1975 Apr 27 j 07:04	20°♓03'12	
desc. node	-1975 May 02 j 18:48	20°♓36'58	
greatest brilliancy	-1975 May 07 j 11:29	21°♓55'15	-4.7m
	-1975 May 22 j 12:21	0°♈	
morning max el	-1975 Jun 15 j 03:11	19°♈52'05	45°49'49
	-1975 Jun 25 j 09:04	0°♉	
	-1975 Jul 23 j 03:56	0°♊	
	-1975 Aug 18 j 00:17	0°♋	
asc. node	-1975 Aug 23 j 20:13	6°♋57'36	
	-1975 Sep 11 j 19:53	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1975 Oct 06 j 01:19	0°♍	
	-1975 Oct 29 j 23:51	0°♎	
	-1975 Nov 22 j 20:36	0°♏	
desc. node	-1975 Dec 13 j 12:08	25°♏54'35	
morning set	-1975 Dec 16 j 01:11	29°♏05'49	
	-1975 Dec 16 j 18:29	0°♐	
	-1974 Jan 09 j 18:41	0°♑	
superior conj	-1974 Jan 26 j 11:47	20°♑48'13	-1°19'32
minimum elong	-1974 Jan 26 j 04:41	20°♑26'09	1°19'27
max. Earth dist.	-1974 Jan 30 j 13:58	25°♑53'07	1.72334 AU
	-1974 Feb 02 j 21:31	0°♒	
	-1974 Feb 27 j 03:18	0°♓	
evening rise	-1974 Mar 06 j 14:18	9°♓11'43	
	-1974 Mar 23 j 12:34	0°♈	
asc. node	-1974 Apr 05 j 12:51	15°♈55'19	
	-1974 Apr 17 j 01:55	0°♉	
	-1974 May 11 j 20:02	0°♊	
	-1974 Jun 05 j 20:14	0°♋	
	-1974 Jul 01 j 05:45	0°♌	
desc. node	-1974 Jul 26 j 04:22	28°♌42'44	
	-1974 Jul 27 j 07:46	0°♍	
	-1974 Aug 23 j 21:22	0°♎	
evening max el	-1974 Sep 01 j 02:14	8°♎19'43	47°07'29
	-1974 Sep 25 j 16:02	0°♏	
greatest brilliancy	-1974 Oct 12 j 00:08	9°♏09'34	-4.9m
retrograde	-1974 Oct 21 j 12:35	10°♏52'54	
evening set	-1974 Nov 05 j 02:36	6°♏40'25	
inferior conj	-1974 Nov 11 j 01:53	3°♏10'01	-1°19'38
minimum elong	-1974 Nov 11 j 04:53	3°♏05'26	1°18'42
min. Earth dist.	-1974 Nov 10 j 20:53	3°♏17'41	0.26340 AU
asc. node	-1974 Nov 16 j 05:09	0°♏07'19	
	-1974 Nov 16 j 10:26	30°℞♎	
morning rise	-1974 Nov 17 j 07:16	29°♎31'52	
direct	-1974 Dec 01 j 07:21	25°♎35'25	
greatest brilliancy	-1974 Dec 11 j 06:34	27°♎28'31	-4.9m
	-1974 Dec 16 j 22:27	0°♏	
morning max el	-1973 Jan 20 j 09:44	28°♏00'51	46°34'39
	-1973 Jan 22 j 09:19	0°♐	
	-1973 Feb 19 j 11:29	0°♑	
desc. node	-1973 Mar 07 j 21:41	18°♑32'33	
	-1973 Mar 17 j 20:56	0°♒	
	-1973 Apr 12 j 13:09	0°♓	
	-1973 May 07 j 19:11	0°♈	
	-1973 Jun 01 j 17:15	0°♉	
	-1973 Jun 26 j 07:50	0°♊	
asc. node	-1973 Jun 28 j 22:38	3°♊12'45	
morning set	-1973 Jul 18 j 04:58	26°♊59'03	
	-1973 Jul 20 j 15:19	0°♋	
	-1973 Aug 13 j 16:56	0°♌	
max. Earth dist.	-1973 Aug 21 j 01:35	9°♌13'10	1.71678 AU
superior conj	-1973 Aug 24 j 09:42	13°♌24'23	1°24'18
minimum elong	-1973 Aug 24 j 10:08	13°♌25'45	1°24'20
	-1973 Sep 06 j 14:54	0°♍	
	-1973 Sep 30 j 11:42	0°♎	
evening rise	-1973 Oct 02 j 16:44	2°♎46'35	
desc. node	-1973 Oct 18 j 14:24	22°♎44'35	
	-1973 Oct 24 j 09:16	0°♏	
	-1973 Nov 17 j 08:50	0°♐	
	-1973 Dec 11 j 11:46	0°♑	
	-1972 Jan 04 j 20:43	0°♒	
	-1972 Jan 29 j 16:51	0°♓	
asc. node	-1972 Feb 08 j 14:51	11°♓43'49	
	-1972 Feb 24 j 09:31	0°♈	
	-1972 Mar 22 j 19:04	0°♉	
evening max el	-1972 Apr 05 j 10:16	13°♉38'26	45°13'31
	-1972 Apr 24 j 06:40	0°♊	
greatest brilliancy	-1972 May 13 j 02:20	10°♊58'34	-4.7m
retrograde	-1972 May 23 j 18:57	13°♊01'13	
desc. node	-1972 May 30 j 06:46	12°♊11'25	
evening set	-1972 Jun 07 j 19:46	8°♊42'36	
inferior conj	-1972 Jun 14 j 04:19	4°♊58'01	-3°23'59
minimum elong	-1972 Jun 13 j 21:14	5°♊08'56	3°22'01
min. Earth dist.	-1972 Jun 14 j 11:57	4°♊46'15	0.28683 AU
morning rise	-1972 Jun 19 j 22:12	1°♊31'55	
	-1972 Jun 22 j 20:19	30°℞♉	
direct	-1972 Jul 05 j 19:19	26°♉43'23	
greatest brilliancy	-1972 Jul 16 j 18:58	28°♉53'34	-4.8m
	-1972 Jul 19 j 11:13	0°♊	
morning max el	-1972 Aug 24 j 12:59	27°♊57'05	46°23'20
	-1972 Aug 26 j 14:24	0°♋	
asc. node	-1972 Sep 20 j 07:57	26°♋33'14	
	-1972 Sep 23 j 08:48	0°♌	
	-1972 Oct 18 j 21:25	0°♍	
	-1972 Nov 12 j 12:13	0°♎	
	-1972 Dec 06 j 18:44	0°♏	
	-1972 Dec 30 j 23:29	0°♐	
desc. node	-1971 Jan 10 j 00:10	12°♐25'30	
	-1971 Jan 24 j 05:08	0°♑	
	-1971 Feb 17 j 12:19	0°♒	
morning set	-1971 Mar 01 j 01:54	14°♒15'04	
	-1971 Mar 13 j 20:59	0°♓	
	-1971 Apr 07 j 06:50	0°♈	
superior conj	-1971 Apr 07 j 12:15	0°♈16'37	-0°55'11
minimum elong	-1971 Apr 07 j 21:08	0°♈43'53	0°54'51
max. Earth dist.	-1971 Apr 07 j 22:10	0°♈47'05	1.73606 AU
	-1971 May 01 j 17:24	0°♉	
asc. node	-1971 May 03 j 00:48	1°♉36'20	
evening rise	-1971 May 13 j 21:27	14°♉56'02	
	-1971 May 26 j 04:10	0°♊	
	-1971 Jun 19 j 15:02	0°♋	
	-1971 Jul 14 j 02:51	0°♌	
	-1971 Aug 07 j 17:22	0°♍	
desc. node	-1971 Aug 22 j 16:26	18°♍07'10	
	-1971 Sep 01 j 13:13	0°♎	
	-1971 Sep 26 j 18:47	0°♏	
	-1971 Oct 22 j 20:43	0°♐	
evening max el	-1971 Nov 12 j 06:19	21°♐58'03	47°22'30
	-1971 Nov 20 j 08:15	0°♑	
asc. node	-1971 Dec 13 j 17:11	19°♑09'55	
greatest brilliancy	-1971 Dec 22 j 14:58	23°♑45'10	-4.9m
retrograde	-1970 Jan 02 j 08:37	25°♑57'47	
evening set	-1970 Jan 19 j 04:35	20°♑18'53	
min. Earth dist.	-1970 Jan 22 j 09:18	18°♑19'56	0.27978 AU
inferior conj	-1970 Jan 23 j 08:40	17°♑42'58	7°53'36
minimum elong	-1970 Jan 23 j 01:47	17°♑53'53	7°52'45
morning rise	-1970 Jan 26 j 23:24	15°♑28'06	
direct	-1970 Feb 13 j 05:22	9°♑41'33	
greatest brilliancy	-1970 Feb 22 j 00:46	11°♑08'50	-4.8m
	-1970 Mar 23 j 07:21	0°♒	
morning max el	-1970 Apr 03 j 06:21	10°♒02'31	45°56'07
desc. node	-1970 Apr 04 j 09:17	11°♒07'17	
	-1970 Apr 22 j 23:03	0°♓	
	-1970 May 20 j 06:45	0°♈	
	-1970 Jun 15 j 07:08	0°♉	
	-1970 Jul 10 j 12:31	0°♊	
asc. node	-1970 Jul 26 j 10:27	19°♊18'37	
	-1970 Aug 04 j 03:46	0°♋	
	-1970 Aug 28 j 08:28	0°♌	
	-1970 Sep 21 j 06:27	0°♍	
greatest brilliancy	-1970 Sep 23 j 18:55	3°♍10'23	-3.9m
morning set	-1970 Sep 27 j 18:24	8°♍11'04	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1970 Oct 15 j 01:32	0°♎	
superior conj	-1970 Nov 07 j 10:35	29°♎28'30	0°17'57
minimum elong	-1970 Nov 07 j 15:22	29°♎43'32	0°17'43
	-1970 Nov 07 j 20:36	0°♏	
max. Earth dist.	-1970 Nov 10 j 06:01	3°♏00'48	1.70990 AU
desc. node	-1970 Nov 15 j 02:23	9°♏06'57	
	-1970 Dec 01 j 17:17	0°♐	
evening rise	-1970 Dec 19 j 16:07	22°♐29'05	
	-1970 Dec 25 j 16:29	0°♑	
	-1969 Jan 18 j 19:10	0°♒	
	-1969 Feb 12 j 03:03	0°♓	
asc. node	-1969 Mar 08 j 02:52	29°♓12'26	
	-1969 Mar 08 j 18:37	0°♈	
	-1969 Apr 02 j 21:23	0°♉	
	-1969 Apr 28 j 16:57	0°♊	
	-1969 May 25 j 18:10	0°♋	
evening max el	-1969 Jun 17 j 01:11	22°♋43'51	45°43'45
	-1969 Jun 24 j 21:25	0°♌	
desc. node	-1969 Jun 27 j 18:42	2°♌32'18	
greatest brilliancy	-1969 Jul 26 j 18:49	21°♌13'10	-4.8m
retrograde	-1969 Aug 05 j 02:17	22°♌47'05	
evening set	-1969 Aug 23 j 01:58	16°♌48'10	
inferior conj	-1969 Aug 26 j 00:27	15°♌01'55	-8°52'55
minimum elong	-1969 Aug 26 j 01:29	15°♌00'20	8°52'53
min. Earth dist.	-1969 Aug 26 j 14:16	14°♌40'53	0.27467 AU
morning rise	-1969 Aug 29 j 00:52	13°♌12'35	
direct	-1969 Sep 15 j 23:46	7°♌09'33	
greatest brilliancy	-1969 Sep 26 j 21:58	9°♌23'39	-4.9m
asc. node	-1969 Oct 18 j 19:31	23°♌39'36	
	-1969 Oct 25 j 22:04	0°♍	
morning max el	-1969 Nov 05 j 18:35	10°♍39'19	46°53'40
	-1969 Nov 23 j 18:41	0°♎	
	-1969 Dec 19 j 20:01	0°♏	
	-1968 Jan 14 j 00:44	0°♐	
desc. node	-1968 Feb 07 j 11:53	29°♐28'47	
	-1968 Feb 07 j 22:13	0°♑	
	-1968 Mar 03 j 16:52	0°♒	
	-1968 Mar 28 j 09:52	0°♓	
	-1968 Apr 22 j 01:08	0°♈	
morning set	-1968 May 08 j 12:53	20°♈08'40	
	-1968 May 16 j 14:06	0°♉	
asc. node	-1968 May 30 j 12:49	17°♉07'08	
	-1968 Jun 09 j 23:58	0°♊	
max. Earth dist.	-1968 Jun 10 j 03:25	0°♊10'36	1.73312 AU
superior conj	-1968 Jun 13 j 14:01	4°♊25'11	0°32'22
minimum elong	-1968 Jun 13 j 08:02	4°♊06'44	0°32'08
	-1968 Jul 04 j 06:31	0°♋	
evening rise	-1968 Jul 19 j 09:21	18°♋45'28	
	-1968 Jul 28 j 10:24	0°♌	
	-1968 Aug 21 j 13:10	0°♍	
	-1968 Sep 14 j 16:35	0°♎	
desc. node	-1968 Sep 19 j 04:25	5°♎34'22	
	-1968 Oct 08 j 22:16	0°♏	
	-1968 Nov 02 j 08:16	0°♐	
	-1968 Nov 27 j 02:56	0°♑	
	-1968 Dec 22 j 16:42	0°♒	
asc. node	-1967 Jan 10 j 04:59	20°♒32'50	
	-1967 Jan 19 j 06:07	0°♓	
evening max el	-1967 Jan 22 j 08:24	3°♓06'58	46°08'50
	-1967 Feb 24 j 16:11	0°♈	
greatest brilliancy	-1967 Mar 02 j 03:22	2°♈28'53	-4.8m
retrograde	-1967 Mar 12 j 20:39	4°♈35'40	
	-1967 Mar 28 j 05:14	30°℞♓	
evening set	-1967 Mar 29 j 12:36	29°♓14'55	
inferior conj	-1967 Apr 03 j 07:29	26°♓16'56	5°56'00
minimum elong	-1967 Apr 03 j 16:40	26°♓02'21	5°54'10
min. Earth dist.	-1967 Apr 03 j 15:07	26°♓04'49	0.29156 AU
morning rise	-1967 Apr 08 j 20:47	22°♓51'57	
direct	-1967 Apr 24 j 23:02	17°♓54'22	
desc. node	-1967 May 01 j 20:57	18°♓47'11	
greatest brilliancy	-1967 May 05 j 03:25	19°♓46'00	-4.7m
	-1967 May 23 j 04:52	0°♈	
morning max el	-1967 Jun 12 j 18:21	17°♈39'53	45°49'18
	-1967 Jun 25 j 03:58	0°♉	
	-1967 Jul 22 j 18:37	0°♊	
	-1967 Aug 17 j 13:18	0°♋	
asc. node	-1967 Aug 22 j 22:14	6°♋25'21	
	-1967 Sep 11 j 08:06	0°♌	
	-1967 Oct 05 j 13:06	0°♍	
	-1967 Oct 29 j 11:23	0°♎	
	-1967 Nov 22 j 07:59	0°♏	
desc. node	-1967 Dec 12 j 14:19	25°♏26'07	
morning set	-1967 Dec 13 j 11:08	26°♏31'21	
	-1967 Dec 16 j 05:45	0°♐	
	-1966 Jan 09 j 05:50	0°♑	
superior conj	-1966 Jan 24 j 00:24	18°♑23'52	-1°18'13
minimum elong	-1966 Jan 23 j 16:33	17°♑59'26	1°18'06
max. Earth dist.	-1966 Jan 28 j 03:08	23°♑30'35	1.72276 AU
	-1966 Feb 02 j 08:35	0°♒	
	-1966 Feb 26 j 14:20	0°♓	
evening rise	-1966 Mar 04 j 05:35	6°♓56'54	
	-1966 Mar 22 j 23:41	0°♈	
asc. node	-1966 Apr 04 j 14:54	15°♈27'19	
	-1966 Apr 16 j 13:16	0°♉	
	-1966 May 11 j 07:48	0°♊	
	-1966 Jun 05 j 08:44	0°♋	
	-1966 Jun 30 j 19:28	0°♌	
desc. node	-1966 Jul 25 j 06:25	28°♌03'52	
	-1966 Jul 26 j 23:47	0°♍	
	-1966 Aug 23 j 18:46	0°♎	
evening max el	-1966 Aug 29 j 14:26	5°♎51'46	47°05'11
	-1966 Sep 26 j 17:59	0°♏	
greatest brilliancy	-1966 Oct 09 j 13:41	6°♏39'51	-4.9m
retrograde	-1966 Oct 19 j 00:35	8°♏22'12	
evening set	-1966 Nov 02 j 16:18	4°♏07'29	
inferior conj	-1966 Nov 08 j 14:00	0°♏39'50	-1°44'00
minimum elong	-1966 Nov 08 j 17:54	0°♏33'54	1°42'47
min. Earth dist.	-1966 Nov 08 j 10:37	0°♏44'59	0.26333 AU
	-1966 Nov 09 j 16:09	30°℞♎	
morning rise	-1966 Nov 14 j 19:31	27°♎01'56	
asc. node	-1966 Nov 15 j 07:24	26°♎46'23	
direct	-1966 Nov 28 j 19:16	23°♎05'02	
greatest brilliancy	-1966 Dec 08 j 20:39	25°♎00'26	-4.9m
	-1966 Dec 18 j 18:33	0°♏	
morning max el	-1965 Jan 17 j 23:25	25°♏36'58	46°36'11
	-1965 Jan 22 j 07:37	0°♐	
	-1965 Feb 19 j 03:43	0°♑	
desc. node	-1965 Mar 06 j 23:44	17°♑56'50	
	-1965 Mar 17 j 10:45	0°♒	
	-1965 Apr 12 j 01:42	0°♓	
	-1965 May 07 j 07:01	0°♈	
	-1965 Jun 01 j 04:40	0°♉	
	-1965 Jun 25 j 19:02	0°♊	
asc. node	-1965 Jun 28 j 00:41	2°♊44'43	
morning set	-1965 Jul 15 j 21:54	24°♊48'27	
	-1965 Jul 20 j 02:25	0°♋	
	-1965 Aug 13 j 04:01	0°♌	
max. Earth dist.	-1965 Aug 18 j 16:15	6°♌53'53	1.71732 AU
superior conj	-1965 Aug 22 j 00:42	11°♌06'01	1°24'17
minimum elong	-1965 Aug 22 j 00:20	11°♌04'52	1°24'20

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1965 Sep 06 j 02:04	0°♍	
	-1965 Sep 29 j 23:01	0°♎	
evening rise	-1965 Sep 30 j 03:45	0°♎14'51	
desc. node	-1965 Oct 17 j 16:32	22°♎15'21	
	-1965 Oct 23 j 20:46	0°♏	
	-1965 Nov 16 j 20:31	0°♐	
	-1965 Dec 10 j 23:39	0°♑	
	-1964 Jan 04 j 08:57	0°♒	
	-1964 Jan 29 j 05:49	0°♓	
asc. node	-1964 Feb 07 j 16:53	11°♓10'29	
	-1964 Feb 24 j 00:03	0°♈	
	-1964 Mar 22 j 13:40	0°♉	
evening max el	-1964 Apr 03 j 02:34	11°♉28'53	45°14'02
	-1964 Apr 24 j 21:22	0°♊	
greatest brilliancy	-1964 May 10 j 16:49	8°♊46'55	-4.7m
retrograde	-1964 May 21 j 11:05	10°♊50'34	
desc. node	-1964 May 29 j 08:56	9°♊36'32	
evening set	-1964 Jun 05 j 10:36	6°♊32'56	
inferior conj	-1964 Jun 11 j 20:03	2°♊46'36	-3°05'09
minimum elong	-1964 Jun 11 j 13:33	2°♊56'39	3°03'19
min. Earth dist.	-1964 Jun 12 j 03:27	2°♊35'11	0.28713 AU
	-1964 Jun 16 j 10:13	30°℞♉	
morning rise	-1964 Jun 17 j 16:06	29°♉17'34	
direct	-1964 Jul 03 j 11:58	24°♉31'33	
greatest brilliancy	-1964 Jul 14 j 10:19	26°♉40'54	-4.8m
	-1964 Jul 21 j 11:50	0°♊	
morning max el	-1964 Aug 22 j 05:00	25°♊42'57	46°21'51
	-1964 Aug 26 j 11:40	0°♋	
asc. node	-1964 Sep 19 j 10:03	25°♋53'26	
	-1964 Sep 23 j 00:35	0°♌	
	-1964 Oct 18 j 11:10	0°♍	
	-1964 Nov 12 j 01:01	0°♎	
	-1964 Dec 06 j 06:59	0°♏	
	-1964 Dec 30 j 11:20	0°♐	
desc. node	-1963 Jan 09 j 02:07	11°♐55'14	
	-1963 Jan 23 j 16:40	0°♑	
	-1963 Feb 16 j 23:35	0°♒	
morning set	-1963 Feb 26 j 16:57	11°♒59'05	
	-1963 Mar 13 j 08:04	0°♓	
superior conj	-1963 Apr 05 j 05:51	28°♓09'33	-0°57'34
minimum elong	-1963 Apr 05 j 14:51	28°♓37'12	0°57'14
max. Earth dist.	-1963 Apr 05 j 21:25	28°♓57'22	1.73584 AU
	-1963 Apr 06 j 17:49	0°♈	
	-1963 May 01 j 04:23	0°♉	
asc. node	-1963 May 02 j 03:00	1°♉09'24	
evening rise	-1963 May 11 j 16:41	12°♉53'59	
	-1963 May 25 j 15:17	0°♊	
	-1963 Jun 19 j 02:25	0°♋	
	-1963 Jul 13 j 14:40	0°♌	
	-1963 Aug 07 j 05:49	0°♍	
desc. node	-1963 Aug 21 j 18:26	17°♍34'10	
	-1963 Sep 01 j 02:35	0°♎	
	-1963 Sep 26 j 09:36	0°♏	
	-1963 Oct 22 j 14:26	0°♐	
evening max el	-1963 Nov 09 j 22:27	19°♐39'08	47°23'51
	-1963 Nov 20 j 10:54	0°♑	
asc. node	-1963 Dec 12 j 19:14	17°♑42'10	
greatest brilliancy	-1963 Dec 20 j 06:26	21°♑24'41	-4.9m
retrograde	-1963 Dec 31 j 00:22	23°♑37'06	
evening set	-1962 Jan 16 j 16:33	18°♑03'34	
min. Earth dist.	-1962 Jan 19 j 23:13	16°♑01'38	0.27903 AU
inferior conj	-1962 Jan 20 j 23:32	15°♑23'09	7°45'35
minimum elong	-1962 Jan 20 j 16:07	15°♑34'54	7°44'36
morning rise	-1962 Jan 24 j 16:12	13°♑05'30	
direct	-1962 Feb 10 j 20:04	7°♑23'15	
greatest brilliancy	-1962 Feb 19 j 13:57	8°♑49'35	-4.8m
	-1962 Mar 23 j 11:43	0°♒	
morning max el	-1962 Mar 31 j 21:05	7°♒47'21	45°57'06
desc. node	-1962 Apr 03 j 11:23	10°♒18'06	
	-1962 Apr 22 j 16:27	0°♓	
	-1962 May 19 j 20:54	0°♈	
	-1962 Jun 14 j 19:48	0°♉	
	-1962 Jul 10 j 00:25	0°♊	
asc. node	-1962 Jul 25 j 12:29	18°♊49'16	
	-1962 Aug 03 j 15:18	0°♋	
	-1962 Aug 27 j 19:49	0°♌	
	-1962 Sep 20 j 17:46	0°♍	
greatest brilliancy	-1962 Sep 22 j 21:19	2°♍42'19	-3.9m
morning set	-1962 Sep 25 j 06:54	5°♍43'42	
	-1962 Oct 14 j 12:50	0°♎	
superior conj	-1962 Nov 04 j 19:52	26°♎51'02	0°21'52
minimum elong	-1962 Nov 05 j 01:36	27°♎09'04	0°21'34
	-1962 Nov 07 j 07:53	0°♏	
max. Earth dist.	-1962 Nov 07 j 10:17	0°♏07'35	1.70970 AU
desc. node	-1962 Nov 14 j 04:32	8°♏38'11	
	-1962 Dec 01 j 04:34	0°♐	
evening rise	-1962 Dec 17 j 01:51	19°♐54'03	
	-1962 Dec 25 j 03:48	0°♑	
	-1961 Jan 18 j 06:34	0°♒	
	-1961 Feb 11 j 14:36	0°♓	
asc. node	-1961 Mar 07 j 05:00	28°♓42'57	
	-1961 Mar 08 j 06:33	0°♈	
	-1961 Apr 02 j 10:02	0°♉	
	-1961 Apr 28 j 07:04	0°♊	
	-1961 May 25 j 11:37	0°♋	
evening max el	-1961 Jun 14 j 14:15	20°♋23'48	45°41'18
	-1961 Jun 25 j 02:08	0°♌	
desc. node	-1961 Jun 26 j 20:40	1°♌31'13	
greatest brilliancy	-1961 Jul 24 j 07:12	18°♌51'25	-4.8m
retrograde	-1961 Aug 02 j 14:25	20°♌25'21	
evening set	-1961 Aug 20 j 14:20	14°♌27'28	
inferior conj	-1961 Aug 23 j 13:49	12°♌39'45	-8°52'59
minimum elong	-1961 Aug 23 j 13:54	12°♌39'36	8°52'57
min. Earth dist.	-1961 Aug 24 j 03:37	12°♌18'41	0.27525 AU
morning rise	-1961 Aug 26 j 13:18	10°♌51'36	
direct	-1961 Sep 13 j 13:21	4°♌46'18	
greatest brilliancy	-1961 Sep 24 j 12:43	7°♌00'46	-4.9m
asc. node	-1961 Oct 17 j 21:45	22°♌32'42	
	-1961 Oct 26 j 01:29	0°♍	
morning max el	-1961 Nov 03 j 07:00	8°♍09'53	46°53'22
	-1961 Nov 23 j 12:31	0°♎	
	-1961 Dec 19 j 10:48	0°♏	
	-1960 Jan 13 j 14:01	0°♐	
desc. node	-1960 Feb 06 j 14:00	28°♐57'41	
	-1960 Feb 07 j 10:36	0°♑	
	-1960 Mar 03 j 04:39	0°♒	
	-1960 Mar 27 j 21:13	0°♓	
	-1960 Apr 21 j 12:13	0°♈	
morning set	-1960 May 06 j 07:35	18°♈05'33	
	-1960 May 16 j 01:00	0°♉	
asc. node	-1960 May 29 j 14:54	16°♉40'07	
max. Earth dist.	-1960 Jun 07 j 23:48	28°♉12'08	1.73351 AU
	-1960 Jun 09 j 10:49	0°♊	
superior conj	-1960 Jun 11 j 08:52	2°♊21'54	0°29'30
minimum elong	-1960 Jun 11 j 03:20	2°♊04'51	0°29'17
	-1960 Jul 03 j 17:26	0°♋	
evening rise	-1960 Jul 17 j 03:21	16°♋38'13	
	-1960 Jul 27 j 21:30	0°♌	
	-1960 Aug 21 j 00:31	0°♍	
	-1960 Sep 14 j 04:16	0°♎	
desc. node	-1960 Sep 18 j 06:36	5°♎04'40	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1960 Oct 08 j 10:23	0°♏	
	-1960 Nov 01 j 21:00	0°♐	
	-1960 Nov 26 j 16:37	0°♑	
	-1960 Dec 22 j 08:17	0°♒	
asc. node	-1959 Jan 09 j 07:01	19°♒49'17	
	-1959 Jan 19 j 03:02	0°♓	
evening max el	-1959 Jan 19 j 22:17	0°♓48'09	46°11'48
	-1959 Feb 26 j 23:42	0°♈	
greatest brilliancy	-1959 Feb 27 j 20:31	0°♈20'21	-4.8m
retrograde	-1959 Mar 10 j 13:25	2°♈27'27	
	-1959 Mar 21 j 15:15	30°℞♓	
evening set	-1959 Mar 27 j 07:58	27°♓02'25	
inferior conj	-1959 Apr 01 j 00:21	24°♓08'17	6°09'24
minimum elong	-1959 Apr 01 j 09:31	23°♓53'44	6°07'37
min. Earth dist.	-1959 Apr 01 j 07:36	23°♓56'45	0.29151 AU
morning rise	-1959 Apr 06 j 11:04	20°♓46'56	
direct	-1959 Apr 22 j 14:57	15°♓45'40	
desc. node	-1959 Apr 30 j 23:09	17°♓01'39	
greatest brilliancy	-1959 May 02 j 19:28	17°♓37'16	-4.7m
	-1959 May 23 j 17:04	0°♈	
morning max el	-1959 Jun 10 j 10:19	15°♈30'02	45°48'54
	-1959 Jun 24 j 22:16	0°♉	
	-1959 Jul 22 j 09:00	0°♊	
	-1959 Aug 17 j 02:05	0°♋	
asc. node	-1959 Aug 22 j 00:24	5°♋54'07	
	-1959 Sep 10 j 20:07	0°♌	
	-1959 Oct 05 j 00:43	0°♍	
	-1959 Oct 28 j 22:48	0°♎	
	-1959 Nov 21 j 19:16	0°♏	
morning set	-1959 Dec 10 j 20:40	23°♏55'34	
desc. node	-1959 Dec 11 j 16:19	24°♏57'13	
	-1959 Dec 15 j 16:57	0°♐	
	-1958 Jan 08 j 16:56	0°♑	
superior conj	-1958 Jan 21 j 12:22	15°♑57'36	-1°16'43
minimum elong	-1958 Jan 21 j 03:48	15°♑30'56	1°16'35
max. Earth dist.	-1958 Jan 25 j 13:54	21°♑00'47	1.72216 AU
	-1958 Feb 01 j 19:34	0°♒	
	-1958 Feb 26 j 01:15	0°♓	
evening rise	-1958 Mar 01 j 20:27	4°♓41'08	
	-1958 Mar 22 j 10:40	0°♈	
asc. node	-1958 Apr 03 j 17:05	15°♈00'14	
	-1958 Apr 16 j 00:28	0°♉	
	-1958 May 10 j 19:26	0°♊	
	-1958 Jun 04 j 21:06	0°♋	
	-1958 Jun 30 j 09:05	0°♌	
desc. node	-1958 Jul 24 j 08:31	27°♌25'34	
	-1958 Jul 26 j 15:47	0°♍	
	-1958 Aug 23 j 16:34	0°♎	
evening max el	-1958 Aug 27 j 03:26	3°♎26'57	47°02'51
	-1958 Sep 28 j 05:30	0°♏	
greatest brilliancy	-1958 Oct 07 j 02:32	4°♏10'31	-4.9m
retrograde	-1958 Oct 16 j 13:11	5°♏52'31	
evening set	-1958 Oct 31 j 06:12	1°♏35'15	
	-1958 Nov 03 j 01:19	30°℞♎	
inferior conj	-1958 Nov 06 j 02:05	28°♎10'24	-2°08'08
minimum elong	-1958 Nov 06 j 06:51	28°♎03'09	2°06'38
min. Earth dist.	-1958 Nov 05 j 23:59	28°♎13'35	0.26334 AU
morning rise	-1958 Nov 12 j 07:32	24°♎33'10	
asc. node	-1958 Nov 14 j 09:25	23°♎30'44	
direct	-1958 Nov 26 j 07:45	20°♎35'30	
greatest brilliancy	-1958 Dec 06 j 10:13	22°♎32'27	-4.9m
	-1958 Dec 20 j 00:28	0°♏	
morning max el	-1957 Jan 15 j 13:54	23°♏15'25	46°37'29
	-1957 Jan 22 j 04:55	0°♐	
	-1957 Feb 18 j 19:31	0°♑	
desc. node	-1957 Mar 06 j 01:54	17°♑22'06	
	-1957 Mar 17 j 00:15	0°♒	
	-1957 Apr 11 j 13:58	0°♓	
	-1957 May 06 j 18:33	0°♈	
	-1957 May 31 j 15:47	0°♉	
	-1957 Jun 25 j 05:55	0°♊	
asc. node	-1957 Jun 27 j 02:42	2°♊17'28	
morning set	-1957 Jul 13 j 15:05	22°♊39'35	
	-1957 Jul 19 j 13:13	0°♋	
	-1957 Aug 12 j 14:50	0°♌	
max. Earth dist.	-1957 Aug 16 j 05:00	4°♌29'35	1.71784 AU
superior conj	-1957 Aug 19 j 16:10	8°♌50'02	1°24'09
minimum elong	-1957 Aug 19 j 15:00	8°♌46'24	1°24'10
	-1957 Sep 05 j 12:58	0°♍	
evening rise	-1957 Sep 27 j 15:16	27°♍45'40	
	-1957 Sep 29 j 10:02	0°♎	
desc. node	-1957 Oct 16 j 18:40	21°♎47'11	
	-1957 Oct 23 j 07:56	0°♏	
	-1957 Nov 16 j 07:51	0°♐	
	-1957 Dec 10 j 11:13	0°♑	
	-1956 Jan 03 j 20:56	0°♒	
	-1956 Jan 28 j 18:35	0°♓	
asc. node	-1956 Feb 06 j 19:01	10°♓38'04	
	-1956 Feb 23 j 14:29	0°♈	
	-1956 Mar 22 j 08:28	0°♉	
evening max el	-1956 Mar 31 j 19:14	9°♉20'59	45°14'44
	-1956 Apr 25 j 16:28	0°♊	
greatest brilliancy	-1956 May 08 j 08:11	6°♊37'36	-4.7m
retrograde	-1956 May 19 j 03:05	8°♊41'20	
desc. node	-1956 May 28 j 10:53	6°♊58'50	
evening set	-1956 Jun 03 j 01:50	4°♊24'44	
inferior conj	-1956 Jun 09 j 11:59	0°♊36'53	-2°46'10
minimum elong	-1956 Jun 09 j 06:06	0°♊46'00	2°44'30
min. Earth dist.	-1956 Jun 09 j 19:19	0°♊25'33	0.28739 AU
	-1956 Jun 10 j 11:51	30°℞♉	
morning rise	-1956 Jun 15 j 10:00	27°♉04'51	
direct	-1956 Jul 01 j 04:42	22°♉21'32	
greatest brilliancy	-1956 Jul 12 j 01:31	24°♉29'27	-4.8m
	-1956 Jul 22 j 19:36	0°♊	
morning max el	-1956 Aug 19 j 20:32	23°♊28'59	46°20'18
	-1956 Aug 26 j 07:46	0°♋	
asc. node	-1956 Sep 18 j 12:12	25°♋15'15	
	-1956 Sep 22 j 15:44	0°♌	
	-1956 Oct 18 j 00:27	0°♍	
	-1956 Nov 11 j 13:23	0°♎	
	-1956 Dec 05 j 18:47	0°♏	
	-1956 Dec 29 j 22:45	0°♐	
desc. node	-1955 Jan 08 j 04:14	11°♐26'47	
	-1955 Jan 23 j 03:47	0°♑	
	-1955 Feb 16 j 10:29	0°♒	
morning set	-1955 Feb 24 j 07:51	9°♒43'43	
	-1955 Mar 12 j 18:49	0°♓	
superior conj	-1955 Apr 02 j 23:14	26°♓02'45	-0°59'52
minimum elong	-1955 Apr 03 j 08:19	26°♓30'37	0°59'33
max. Earth dist.	-1955 Apr 03 j 19:57	27°♓06'23	1.73560 AU
	-1955 Apr 06 j 04:29	0°♈	
	-1955 Apr 30 j 15:02	0°♉	
asc. node	-1955 May 01 j 05:01	0°♉42'53	
evening rise	-1955 May 09 j 11:39	10°♉52'08	
	-1955 May 25 j 02:02	0°♊	
	-1955 Jun 18 j 13:27	0°♋	
	-1955 Jul 13 j 02:09	0°♌	
	-1955 Aug 06 j 17:58	0°♍	
desc. node	-1955 Aug 20 j 20:36	17°♍02'42	
	-1955 Aug 31 j 15:41	0°♎	
	-1955 Sep 26 j 00:14	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1955 Oct 22 j 08:08	0°♐		
evening max el	-1955 Nov 07 j 14:07	17°♐20'09	47°25'06	
	-1955 Nov 20 j 14:34	0°♑		
asc. node	-1955 Dec 11 j 21:16	16°♑12'47		
greatest brilliancy	-1955 Dec 17 j 22:35	19°♑06'22	-4.9m	
retrograde	-1955 Dec 28 j 15:46	21°♑17'50		
evening set	-1954 Jan 14 j 04:33	15°♑50'01		
min. Earth dist.	-1954 Jan 17 j 13:36	13°♑44'29	0.27826 AU	
inferior conj	-1954 Jan 18 j 14:31	13°♑05'01	7°36'46	
minimum elong	-1954 Jan 18 j 06:37	13°♑17'32	7°35'39	
morning rise	-1954 Jan 22 j 09:13	10°♑44'14		
direct	-1954 Feb 08 j 10:27	5°♑06'38		
greatest brilliancy	-1954 Feb 17 j 03:41	6°♑32'18	-4.8m	
	-1954 Mar 23 j 13:53	0°♒		
morning max el	-1954 Mar 29 j 11:04	5°♒31'31	45°57'59	
desc. node	-1954 Apr 02 j 13:33	9°♒31'09		
	-1954 Apr 22 j 09:06	0°♓		
	-1954 May 19 j 10:34	0°♈		
	-1954 Jun 14 j 08:04	0°♉		
	-1954 Jul 09 j 11:57	0°♊		
asc. node	-1954 Jul 24 j 14:40	18°♊21'32		
	-1954 Aug 03 j 02:26	0°♋		
	-1954 Aug 27 j 06:48	0°♌		
	-1954 Sep 20 j 04:42	0°♍		
greatest brilliancy	-1954 Sep 21 j 14:50	1°♍47'28	-3.9m	
morning set	-1954 Sep 22 j 19:33	3°♍17'55		
	-1954 Oct 13 j 23:47	0°♎		
superior conj	-1954 Nov 02 j 05:22	24°♎15'15	0°25'42	
minimum elong	-1954 Nov 02 j 12:00	24°♎36'07	0°25'22	
max. Earth dist.	-1954 Nov 04 j 11:16	27°♎04'58	1.70957 AU	
	-1954 Nov 06 j 18:52	0°♏		
desc. node	-1954 Nov 13 j 06:31	8°♏09'48		
	-1954 Nov 30 j 15:34	0°♐		
evening rise	-1954 Dec 14 j 11:36	17°♐19'59		
	-1954 Dec 24 j 14:49	0°♑		
	-1953 Jan 17 j 17:38	0°♒		
	-1953 Feb 11 j 01:49	0°♓		
asc. node	-1953 Mar 06 j 07:09	28°♓14'35		
	-1953 Mar 07 j 18:08	0°♈		
	-1953 Apr 01 j 22:23	0°♉		
	-1953 Apr 27 j 21:01	0°♊		
	-1953 May 25 j 05:09	0°♋		
evening max el	-1953 Jun 12 j 03:08	18°♋04'19	45°39'01	
	-1953 Jun 25 j 08:29	0°♌		
desc. node	-1953 Jun 25 j 22:50	0°♌29'55		
greatest brilliancy	-1953 Jul 21 j 19:31	16°♌30'49	-4.8m	
retrograde	-1953 Jul 31 j 03:03	18°♌05'23		
evening set	-1953 Aug 18 j 02:21	12°♌08'58		
inferior conj	-1953 Aug 21 j 03:21	10°♌19'07	-8°51'57	
minimum elong	-1953 Aug 21 j 02:32	10°♌20'23	8°51'54	
min. Earth dist.	-1953 Aug 21 j 17:07	9°♌58'09	0.27581 AU	
morning rise	-1953 Aug 24 j 02:30	8°♌31'29		
direct	-1953 Sep 11 j 02:58	2°♌24'29		
greatest brilliancy	-1953 Sep 22 j 03:48	4°♌39'50	-4.9m	
asc. node	-1953 Oct 16 j 23:48	21°♌28'14		
	-1953 Oct 26 j 02:59	0°♍		
morning max el	-1953 Oct 31 j 20:16	5°♍43'41	46°52'58	
	-1953 Nov 23 j 05:40	0°♎		
	-1953 Dec 19 j 01:09	0°♏		
	-1952 Jan 13 j 02:58	0°♐		
desc. node	-1952 Feb 05 j 16:09	28°♐27'27		
	-1952 Feb 06 j 22:42	0°♑		
	-1952 Mar 02 j 16:09	0°♒		
	-1952 Mar 27 j 08:18	0°♓		
	-1952 Apr 20 j 23:01	0°♈		
morning set	-1952 May 04 j 02:22	16°♈03'25		
	-1952 May 15 j 11:39	0°♉		
asc. node	-1952 May 28 j 16:56	16°♉13'37		
max. Earth dist.	-1952 Jun 05 j 21:41	26°♉18'54	1.73392 AU	
	-1952 Jun 08 j 21:28	0°♊		
superior conj	-1952 Jun 09 j 03:45	0°♊19'22	0°26'35	
minimum elong	-1952 Jun 08 j 22:42	0°♊03'49	0°26'24	
	-1952 Jul 03 j 04:11	0°♋		
evening rise	-1952 Jul 14 j 21:28	14°♋31'55		
	-1952 Jul 27 j 08:25	0°♌		
	-1952 Aug 20 j 11:42	0°♍		
	-1952 Sep 13 j 15:47	0°♎		
desc. node	-1952 Sep 17 j 08:40	4°♎35'12		
	-1952 Oct 07 j 22:22	0°♏		
	-1952 Nov 01 j 09:37	0°♐		
	-1952 Nov 26 j 06:15	0°♑		
	-1952 Dec 21 j 23:58	0°♒		
asc. node	-1951 Jan 08 j 09:15	19°♒05'57		
evening max el	-1951 Jan 17 j 13:06	28°♒31'50	46°14'48	
	-1951 Jan 19 j 00:35	0°♓		
greatest brilliancy	-1951 Feb 25 j 13:11	28°♓11'31	-4.8m	
	-1951 Mar 04 j 04:35	0°♈		
retrograde	-1951 Mar 08 j 06:44	0°♈19'36		
	-1951 Mar 12 j 07:03	30°℞♓		
evening set	-1951 Mar 25 j 03:20	24°♓50'13		
inferior conj	-1951 Mar 29 j 17:12	21°♓59'53	6°22'08	
minimum elong	-1951 Mar 30 j 02:18	21°♓45'27	6°20'27	
min. Earth dist.	-1951 Mar 29 j 23:45	21°♓49'30	0.29143 AU	
morning rise	-1951 Apr 04 j 01:19	18°♓42'32		
direct	-1951 Apr 20 j 07:08	13°♓37'20		
desc. node	-1951 Apr 30 j 01:04	15°♓20'06		
greatest brilliancy	-1951 Apr 30 j 11:00	15°♓28'36	-4.7m	
	-1951 May 24 j 01:52	0°♈		
morning max el	-1951 Jun 08 j 03:07	13°♈22'41	45°48'28	
	-1951 Jun 24 j 16:00	0°♉		
	-1951 Jul 21 j 23:10	0°♊		
	-1951 Aug 16 j 14:47	0°♋		
asc. node	-1951 Aug 21 j 02:31	5°♋22'52		
	-1951 Sep 10 j 08:06	0°♌		
	-1951 Oct 04 j 12:19	0°♍		
	-1951 Oct 28 j 10:11	0°♎		
	-1951 Nov 21 j 06:32	0°♏		
morning set	-1951 Dec 08 j 06:08	21°♏19'43		
desc. node	-1951 Dec 10 j 18:24	24°♏28'41		
	-1951 Dec 15 j 04:07	0°♐		
	-1950 Jan 08 j 04:01	0°♑		
superior conj	-1950 Jan 19 j 00:03	13°♑30'15	-1°15'04	
minimum elong	-1950 Jan 18 j 14:50	13°♑01'34	1°14'54	
max. Earth dist.	-1950 Jan 23 j 00:33	18°♑30'26	1.72161 AU	
	-1950 Feb 01 j 06:34	0°♒		
	-1950 Feb 25 j 12:14	0°♓		
evening rise	-1950 Feb 27 j 11:11	2°♓24'46		
	-1950 Mar 21 j 21:42	0°♈		
asc. node	-1950 Apr 02 j 19:08	14°♈32'33		
	-1950 Apr 15 j 11:43	0°♉		
	-1950 May 10 j 07:06	0°♊		
	-1950 Jun 04 j 09:33	0°♋		
	-1950 Jun 29 j 22:53	0°♌		
desc. node	-1950 Jul 23 j 10:40	26°♌46'40		
	-1950 Jul 26 j 08:10	0°♍		
	-1950 Aug 23 j 15:28	0°♎		
evening max el	-1950 Aug 24 j 17:27	1°♎04'19	47°00'20	
	-1950 Sep 30 j 12:00	0°♏		
greatest brilliancy	-1950 Oct 04 j 15:07	1°♏40'17	-4.9m	
retrograde	-1950 Oct 14 j 01:54	3°♏21'50		
	-1950 Oct 26 j 23:42	30°℞♎		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-1950 Oct 28 j 20:14	29°♎02'06	
inferior conj	-1950 Nov 03 j 14:03	25°♎40'06	-2°32'02
minimum elong	-1950 Nov 03 j 19:39	25°♎31'34	2°30'18
min. Earth dist.	-1950 Nov 03 j 13:03	25°♎41'37	0.26335 AU
morning rise	-1950 Nov 09 j 19:10	22°♎03'47	
asc. node	-1950 Nov 13 j 11:29	20°♎18'45	
direct	-1950 Nov 23 j 20:28	18°♎05'21	
greatest brilliancy	-1950 Dec 03 j 23:13	20°♎03'03	-4.9m
	-1950 Dec 20 j 22:29	0°♏	
morning max el	-1949 Jan 13 j 04:10	20°♏52'53	46°38'40
	-1949 Jan 22 j 01:38	0°♐	
	-1949 Feb 18 j 11:13	0°♑	
desc. node	-1949 Mar 05 j 03:57	16°♑46'53	
	-1949 Mar 16 j 13:48	0°♒	
	-1949 Apr 11 j 02:21	0°♓	
	-1949 May 06 j 06:15	0°♈	
	-1949 May 31 j 03:03	0°♉	
	-1949 Jun 24 j 16:58	0°♊	
asc. node	-1949 Jun 26 j 04:57	1°♊50'31	
morning set	-1949 Jul 11 j 08:34	20°♊31'20	
	-1949 Jul 19 j 00:10	0°♋	
	-1949 Aug 12 j 01:49	0°♌	
max. Earth dist.	-1949 Aug 13 j 16:29	2°♌00'58	1.71842 AU
superior conj	-1949 Aug 17 j 07:53	6°♌34'29	1°23'51
minimum elong	-1949 Aug 17 j 05:58	6°♌28'26	1°23'53
	-1949 Sep 05 j 00:04	0°♍	
evening rise	-1949 Sep 25 j 02:48	25°♍15'48	
	-1949 Sep 28 j 21:19	0°♎	
desc. node	-1949 Oct 15 j 20:39	21°♎17'43	
	-1949 Oct 22 j 19:23	0°♏	
	-1949 Nov 15 j 19:29	0°♐	
	-1949 Dec 09 j 23:06	0°♑	
	-1948 Jan 03 j 09:14	0°♒	
	-1948 Jan 28 j 07:43	0°♓	
asc. node	-1948 Feb 05 j 21:09	10°♓04'34	
	-1948 Feb 23 j 05:25	0°♈	
	-1948 Mar 22 j 04:10	0°♉	
evening max el	-1948 Mar 29 j 11:32	7°♉11'11	45°15'26
	-1948 Apr 26 j 19:16	0°♊	
greatest brilliancy	-1948 May 06 j 00:11	4°♊28'05	-4.7m
retrograde	-1948 May 16 j 18:32	6°♊31'19	
desc. node	-1948 May 27 j 13:04	4°♊15'39	
evening set	-1948 May 31 j 17:17	2°♊15'35	
	-1948 Jun 04 j 15:18	30°℞♉	
inferior conj	-1948 Jun 07 j 03:58	28°♉26'36	-2°27'01
minimum elong	-1948 Jun 06 j 22:43	28°♉34'46	2°25'30
min. Earth dist.	-1948 Jun 07 j 11:35	28°♉14'47	0.28762 AU
morning rise	-1948 Jun 13 j 03:46	24°♉51'36	
direct	-1948 Jun 28 j 21:05	20°♉10'57	
greatest brilliancy	-1948 Jul 09 j 17:02	22°♉17'42	-4.8m
	-1948 Jul 23 j 18:46	0°♊	
morning max el	-1948 Aug 17 j 11:05	21°♊12'00	46°18'49
	-1948 Aug 26 j 03:31	0°♋	
asc. node	-1948 Sep 17 j 14:16	24°♋36'27	
	-1948 Sep 22 j 06:57	0°♌	
	-1948 Oct 17 j 13:58	0°♍	
	-1948 Nov 11 j 02:03	0°♎	
	-1948 Dec 05 j 06:57	0°♏	
	-1948 Dec 29 j 10:33	0°♐	
desc. node	-1947 Jan 07 j 06:26	10°♐57'23	
	-1947 Jan 22 j 15:16	0°♑	
	-1947 Feb 15 j 21:45	0°♒	
morning set	-1947 Feb 21 j 22:16	7°♒25'42	
	-1947 Mar 12 j 05:55	0°♓	
superior conj	-1947 Mar 31 j 16:23	23°♓54'07	-1°02'06
minimum elong	-1947 Apr 01 j 01:29	24°♓22'04	1°01'49
max. Earth dist.	-1947 Apr 01 j 17:27	25°♓11'06	1.73533 AU
	-1947 Apr 05 j 15:30	0°♈	
asc. node	-1947 Apr 30 j 07:06	0°♉15'25	
	-1947 Apr 30 j 02:05	0°♉	
evening rise	-1947 May 07 j 06:29	8°♉48'44	
	-1947 May 24 j 13:12	0°♊	
	-1947 Jun 18 j 00:53	0°♋	
	-1947 Jul 12 j 14:01	0°♌	
	-1947 Aug 06 j 06:29	0°♍	
desc. node	-1947 Aug 19 j 22:42	16°♍29'57	
	-1947 Aug 31 j 05:11	0°♎	
	-1947 Sep 25 j 15:21	0°♏	
	-1947 Oct 22 j 02:39	0°♐	
evening max el	-1947 Nov 05 j 04:42	14°♐56'53	47°26'01
	-1947 Nov 20 j 20:48	0°♑	
asc. node	-1947 Dec 10 j 23:30	14°♑38'26	
greatest brilliancy	-1947 Dec 15 j 15:00	16°♑46'02	-4.9m
retrograde	-1947 Dec 26 j 06:29	18°♑56'00	
evening set	-1946 Jan 11 j 16:10	13°♑34'00	
min. Earth dist.	-1946 Jan 15 j 04:11	11°♑24'10	0.27751 AU
inferior conj	-1946 Jan 16 j 05:15	10°♑44'26	7°27'03
minimum elong	-1946 Jan 15 j 20:54	10°♑57'41	7°25'46
morning rise	-1946 Jan 20 j 02:08	8°♑20'16	
direct	-1946 Feb 06 j 00:03	2°♑47'22	
greatest brilliancy	-1946 Feb 14 j 17:53	4°♑13'10	-4.8m
	-1946 Mar 23 j 15:22	0°♒	
morning max el	-1946 Mar 27 j 00:23	3°♒12'16	45°59'02
desc. node	-1946 Apr 01 j 15:35	8°♒43'03	
	-1946 Apr 22 j 01:56	0°♓	
	-1946 May 19 j 00:32	0°♈	
	-1946 Jun 13 j 20:42	0°♉	
	-1946 Jul 08 j 23:51	0°♊	
asc. node	-1946 Jul 23 j 16:45	17°♊52'14	
	-1946 Aug 02 j 13:57	0°♋	
	-1946 Aug 26 j 18:08	0°♌	
	-1946 Sep 19 j 15:58	0°♍	
morning set	-1946 Sep 20 j 08:43	0°♍52'44	
	-1946 Oct 13 j 11:03	0°♎	
superior conj	-1946 Oct 30 j 15:18	21°♎39'48	0°29'26
minimum elong	-1946 Oct 30 j 22:45	22°♎03'17	0°29'05
max. Earth dist.	-1946 Nov 01 j 13:30	24°♎05'22	1.70950 AU
	-1946 Nov 06 j 06:09	0°♏	
desc. node	-1946 Nov 12 j 08:41	7°♏41'05	
	-1946 Nov 30 j 02:54	0°♐	
evening rise	-1946 Dec 11 j 21:20	14°♐44'43	
	-1946 Dec 24 j 02:12	0°♑	
	-1945 Jan 17 j 05:07	0°♒	
	-1945 Feb 10 j 13:30	0°♓	
asc. node	-1945 Mar 05 j 09:10	27°♓44'23	
	-1945 Mar 07 j 06:12	0°♈	
	-1945 Apr 01 j 11:17	0°♉	
	-1945 Apr 27 j 11:36	0°♊	
	-1945 May 24 j 23:38	0°♋	
evening max el	-1945 Jun 09 j 16:17	15°♋44'21	45°36'51
desc. node	-1945 Jun 25 j 01:00	29°♋25'42	
	-1945 Jun 25 j 17:58	0°♌	
greatest brilliancy	-1945 Jul 19 j 07:14	14°♌08'29	-4.8m
retrograde	-1945 Jul 28 j 16:12	15°♌44'24	
evening set	-1945 Aug 15 j 13:52	9°♌49'54	
inferior conj	-1945 Aug 18 j 16:50	7°♌57'21	-8°50'02
minimum elong	-1945 Aug 18 j 15:05	8°♌00'01	8°49'58
min. Earth dist.	-1945 Aug 19 j 06:19	7°♌36'51	0.27635 AU
morning rise	-1945 Aug 21 j 16:06	6°♌09'42	
direct	-1945 Sep 08 j 16:53	0°♌01'33	
greatest brilliancy	-1945 Sep 19 j 18:36	2°♌17'47	-4.9m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1945 Oct 16 j 01:52	20°♌24'30	
	-1945 Oct 26 j 03:34	0°♍	
morning max el	-1945 Oct 29 j 10:29	3°♍19'17	46°52'43
	-1945 Nov 22 j 22:44	0°♎	
	-1945 Dec 18 j 15:36	0°♏	
	-1944 Jan 12 j 16:07	0°♐	
desc. node	-1944 Feb 04 j 18:11	27°♐56'02	
	-1944 Feb 06 j 11:04	0°♑	
	-1944 Mar 02 j 03:59	0°♒	
	-1944 Mar 26 j 19:44	0°♓	
	-1944 Apr 20 j 10:10	0°♈	
morning set	-1944 May 01 j 20:51	13°♈59'15	
	-1944 May 14 j 22:39	0°♉	
asc. node	-1944 May 27 j 19:10	15°♉46'41	
max. Earth dist.	-1944 Jun 03 j 20:45	24°♉28'18	1.73428 AU
superior conj	-1944 Jun 06 j 22:23	28°♉15'02	0°23'38
minimum elong	-1944 Jun 06 j 17:51	28°♉01'04	0°23'27
	-1944 Jun 08 j 08:27	0°♊	
	-1944 Jul 02 j 15:16	0°♋	
evening rise	-1944 Jul 12 j 15:34	12°♋24'37	
	-1944 Jul 26 j 19:42	0°♌	
	-1944 Aug 19 j 23:14	0°♍	
	-1944 Sep 13 j 03:38	0°♎	
desc. node	-1944 Sep 16 j 10:42	4°♎04'36	
	-1944 Oct 07 j 10:39	0°♏	
	-1944 Oct 31 j 22:31	0°♐	
	-1944 Nov 25 j 20:09	0°♑	
	-1944 Dec 21 j 16:02	0°♒	
asc. node	-1943 Jan 07 j 11:18	18°♒21'07	
evening max el	-1943 Jan 15 j 04:51	26°♒17'22	46°17'41
	-1943 Jan 18 j 23:10	0°♓	
greatest brilliancy	-1943 Feb 23 j 05:27	26°♓01'30	-4.8m
retrograde	-1943 Mar 06 j 00:18	28°♓10'44	
evening set	-1943 Mar 22 j 22:41	22°♓37'07	
inferior conj	-1943 Mar 27 j 10:02	19°♓50'28	6°34'24
minimum elong	-1943 Mar 27 j 19:01	19°♓36'14	6°32'49
min. Earth dist.	-1943 Mar 27 j 15:33	19°♓41'43	0.29136 AU
morning rise	-1943 Apr 01 j 15:26	16°♓37'15	
direct	-1943 Apr 17 j 23:44	11°♓28'04	
greatest brilliancy	-1943 Apr 28 j 02:03	13°♓18'25	-4.7m
desc. node	-1943 Apr 29 j 03:16	13°♓41'18	
	-1943 May 24 j 08:38	0°♈	
morning max el	-1943 Jun 05 j 20:31	11°♈16'00	45°48'01
	-1943 Jun 24 j 09:39	0°♉	
	-1943 Jul 21 j 13:26	0°♊	
	-1943 Aug 16 j 03:38	0°♋	
asc. node	-1943 Aug 20 j 04:34	4°♋50'56	
	-1943 Sep 09 j 20:14	0°♌	
	-1943 Oct 04 j 00:04	0°♍	
	-1943 Oct 27 j 21:43	0°♎	
	-1943 Nov 20 j 17:56	0°♏	
morning set	-1943 Dec 05 j 16:02	18°♏44'43	
desc. node	-1943 Dec 09 j 20:37	24°♏00'12	
	-1943 Dec 14 j 15:23	0°♐	
	-1942 Jan 07 j 15:09	0°♑	
superior conj	-1942 Jan 16 j 11:58	11°♑03'19	-1°13'16
minimum elong	-1942 Jan 16 j 02:09	10°♑32'47	1°13'04
max. Earth dist.	-1942 Jan 20 j 14:00	16°♑08'30	1.72105 AU
	-1942 Jan 31 j 17:37	0°♒	
	-1942 Feb 24 j 23:15	0°♓	
evening rise	-1942 Feb 25 j 02:09	0°♓08'54	
	-1942 Mar 21 j 08:49	0°♈	
asc. node	-1942 Apr 01 j 21:14	14°♈04'49	
	-1942 Apr 14 j 23:05	0°♉	
	-1942 May 09 j 18:56	0°♊	
	-1942 Jun 03 j 22:10	0°♋	
	-1942 Jun 29 j 12:55	0°♌	
desc. node	-1942 Jul 22 j 12:42	26°♌06'50	
	-1942 Jul 26 j 00:58	0°♍	
evening max el	-1942 Aug 22 j 07:50	28°♍42'29	46°57'42
	-1942 Aug 23 j 15:27	0°♎	
greatest brilliancy	-1942 Oct 02 j 03:49	29°♎10'09	-4.9m
	-1942 Oct 04 j 23:21	0°♏	
retrograde	-1942 Oct 11 j 14:15	0°♏50'41	
	-1942 Oct 17 j 24:00	30°℞♎	
evening set	-1942 Oct 26 j 10:26	26°♎28'37	
inferior conj	-1942 Nov 01 j 01:57	23°♎09'32	-2°55'42
minimum elong	-1942 Nov 01 j 08:22	22°♎59'48	2°53'45
min. Earth dist.	-1942 Nov 01 j 02:10	23°♎09'12	0.26338 AU
morning rise	-1942 Nov 07 j 06:24	19°♎34'13	
asc. node	-1942 Nov 12 j 13:45	17°♎11'20	
direct	-1942 Nov 21 j 09:09	15°♎35'01	
greatest brilliancy	-1942 Dec 01 j 12:14	17°♎33'12	-4.9m
	-1942 Dec 21 j 14:56	0°♏	
morning max el	-1941 Jan 10 j 17:52	18°♏28'44	46°40'01
	-1941 Jan 21 j 21:40	0°♐	
	-1941 Feb 18 j 02:35	0°♑	
desc. node	-1941 Mar 04 j 06:02	16°♑12'15	
	-1941 Mar 16 j 03:07	0°♒	
	-1941 Apr 10 j 14:34	0°♓	
	-1941 May 05 j 17:49	0°♈	
	-1941 May 30 j 14:15	0°♉	
	-1941 Jun 24 j 03:57	0°♊	
asc. node	-1941 Jun 25 j 07:01	1°♊23'07	
morning set	-1941 Jul 09 j 02:01	18°♊23'09	
	-1941 Jul 18 j 11:04	0°♋	
max. Earth dist.	-1941 Aug 11 j 03:13	29°♋30'13	1.71901 AU
	-1941 Aug 11 j 12:44	0°♌	
superior conj	-1941 Aug 14 j 23:41	4°♌19'25	1°23'26
minimum elong	-1941 Aug 14 j 21:01	4°♌11'06	1°23'27
	-1941 Sep 04 j 11:06	0°♍	
evening rise	-1941 Sep 22 j 14:26	22°♍46'34	
	-1941 Sep 28 j 08:31	0°♎	
desc. node	-1941 Oct 14 j 22:49	20°♎49'02	
	-1941 Oct 22 j 06:46	0°♏	
	-1941 Nov 15 j 07:03	0°♐	
	-1941 Dec 09 j 10:55	0°♑	
	-1940 Jan 02 j 21:29	0°♒	
	-1940 Jan 27 j 20:46	0°♓	
asc. node	-1940 Feb 04 j 23:12	9°♓31'15	
	-1940 Feb 22 j 20:18	0°♈	
	-1940 Mar 22 j 00:08	0°♉	
evening max el	-1940 Mar 27 j 03:08	5°♉00'26	45°16'12
	-1940 Apr 28 j 08:45	0°♊	
greatest brilliancy	-1940 May 03 j 16:27	2°♊19'54	-4.7m
retrograde	-1940 May 14 j 09:54	4°♊22'43	
desc. node	-1940 May 26 j 15:13	1°♊29'38	
evening set	-1940 May 29 j 09:04	0°♊07'19	
	-1940 May 29 j 14:29	30°℞♉	
inferior conj	-1940 Jun 04 j 20:11	26°♉17'38	-2°07'51
minimum elong	-1940 Jun 04 j 15:34	26°♉24'47	2°06'29
min. Earth dist.	-1940 Jun 05 j 04:21	26°♉04'55	0.28789 AU
morning rise	-1940 Jun 10 j 21:37	22°♉39'48	
direct	-1940 Jun 26 j 13:15	18°♉01'28	
greatest brilliancy	-1940 Jul 07 j 09:29	20°♉07'52	-4.8m
	-1940 Jul 24 j 11:37	0°♊	
morning max el	-1940 Aug 15 j 01:25	18°♊55'01	46°17'20
	-1940 Aug 25 j 22:33	0°♋	
asc. node	-1940 Sep 16 j 16:24	23°♋58'36	
	-1940 Sep 21 j 21:49	0°♌	
	-1940 Oct 17 j 03:11	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1940 Nov 10 j 14:27	0°♎	
	-1940 Dec 04 j 18:51	0°♏	
	-1940 Dec 28 j 22:05	0°♐	
desc. node	-1939 Jan 06 j 08:24	10°♐27'55	
	-1939 Jan 22 j 02:32	0°♑	
	-1939 Feb 15 j 08:47	0°♒	
morning set	-1939 Feb 19 j 12:41	5°♒08'18	
	-1939 Mar 11 j 16:46	0°♓	
superior conj	-1939 Mar 29 j 09:47	21°♓47'08	-1°04'14
minimum elong	-1939 Mar 29 j 18:51	22°♓15'00	1°03'57
max. Earth dist.	-1939 Mar 30 j 13:47	23°♓13'09	1.73500 AU
	-1939 Apr 05 j 02:14	0°♈	
asc. node	-1939 Apr 29 j 09:20	29°♈49'24	
	-1939 Apr 29 j 12:48	0°♉	
evening rise	-1939 May 05 j 01:36	6°♉47'11	
	-1939 May 24 j 00:04	0°♊	
	-1939 Jun 17 j 12:03	0°♋	
	-1939 Jul 12 j 01:39	0°♌	
	-1939 Aug 05 j 18:49	0°♍	
desc. node	-1939 Aug 19 j 00:42	15°♍57'31	
	-1939 Aug 30 j 18:32	0°♎	
	-1939 Sep 25 j 06:25	0°♏	
	-1939 Oct 21 j 21:22	0°♐	
evening max el	-1939 Nov 02 j 18:34	12°♐32'34	47°26'57
	-1939 Nov 21 j 05:02	0°♑	
asc. node	-1939 Dec 10 j 01:33	13°♑01'00	
greatest brilliancy	-1939 Dec 13 j 07:16	14°♑25'58	-4.9m
retrograde	-1939 Dec 23 j 21:04	16°♑34'48	
evening set	-1938 Jan 09 j 03:38	11°♑18'17	
min. Earth dist.	-1938 Jan 12 j 18:51	9°♑04'01	0.27677 AU
inferior conj	-1938 Jan 13 j 19:54	8°♑24'23	7°16'30
minimum elong	-1938 Jan 13 j 11:09	8°♑38'14	7°15'02
morning rise	-1938 Jan 17 j 19:09	5°♑56'44	
direct	-1938 Feb 03 j 13:15	0°♑28'21	
greatest brilliancy	-1938 Feb 12 j 08:27	1°♑55'00	-4.8m
	-1938 Mar 23 j 15:15	0°♒	
morning max el	-1938 Mar 24 j 14:11	0°♒54'57	46°00'20
desc. node	-1938 Mar 31 j 17:43	7°♒56'54	
	-1938 Apr 21 j 18:05	0°♓	
	-1938 May 18 j 13:59	0°♈	
	-1938 Jun 13 j 08:51	0°♉	
	-1938 Jul 08 j 11:19	0°♊	
asc. node	-1938 Jul 22 j 18:49	17°♊24'06	
	-1938 Aug 02 j 01:05	0°♋	
	-1938 Aug 26 j 05:09	0°♌	
morning set	-1938 Sep 17 j 21:49	28°♌28'16	
	-1938 Sep 19 j 02:57	0°♍	
	-1938 Oct 12 j 22:03	0°♎	
superior conj	-1938 Oct 28 j 00:57	19°♎04'14	0°33'08
minimum elong	-1938 Oct 28 j 09:10	19°♎30'09	0°32'45
max. Earth dist.	-1938 Oct 29 j 17:10	21°♎11'00	1.70946 AU
	-1938 Nov 05 j 17:10	0°♏	
desc. node	-1938 Nov 11 j 10:49	7°♏13'05	
	-1938 Nov 29 j 13:57	0°♐	
evening rise	-1938 Dec 09 j 06:46	12°♐09'25	
	-1938 Dec 23 j 13:19	0°♑	
	-1937 Jan 16 j 16:18	0°♒	
	-1937 Feb 10 j 00:52	0°♓	
asc. node	-1937 Mar 04 j 11:19	27°♓15'33	
	-1937 Mar 06 j 17:59	0°♈	
	-1937 Mar 31 j 23:53	0°♉	
	-1937 Apr 27 j 01:54	0°♊	
	-1937 May 24 j 18:00	0°♋	
evening max el	-1937 Jun 07 j 06:29	13°♋28'45	45°34'55
desc. node	-1937 Jun 24 j 02:58	28°♋21'11	
	-1937 Jun 26 j 05:41	0°♌	
greatest brilliancy	-1937 Jul 16 j 18:23	11°♌47'50	-4.8m
retrograde	-1937 Jul 26 j 05:56	13°♌25'46	
evening set	-1937 Aug 13 j 01:16	7°♌33'39	
inferior conj	-1937 Aug 16 j 06:34	5°♌37'45	-8°47'13
minimum elong	-1937 Aug 16 j 03:56	5°♌41'45	8°47'05
min. Earth dist.	-1937 Aug 16 j 19:19	5°♌18'24	0.27693 AU
morning rise	-1937 Aug 19 j 06:25	3°♌49'22	
	-1937 Aug 26 j 14:28	30°℞♋	
direct	-1937 Sep 06 j 07:44	27°♋40'56	
	-1937 Sep 17 j 11:53	0°♌	
greatest brilliancy	-1937 Sep 17 j 09:08	29°♋57'18	-4.9m
asc. node	-1937 Oct 15 j 04:06	19°♌23'45	
	-1937 Oct 26 j 02:40	0°♍	
morning max el	-1937 Oct 27 j 01:35	0°♍58'18	46°52'05
	-1937 Nov 22 j 15:12	0°♎	
	-1937 Dec 18 j 05:39	0°♏	
	-1936 Jan 12 j 04:55	0°♐	
desc. node	-1936 Feb 03 j 20:17	27°♐25'48	
	-1936 Feb 05 j 23:05	0°♑	
	-1936 Mar 01 j 15:27	0°♒	
	-1936 Mar 26 j 06:49	0°♓	
	-1936 Apr 19 j 20:59	0°♈	
morning set	-1936 Apr 29 j 15:24	11°♈56'16	
	-1936 May 14 j 09:20	0°♉	
asc. node	-1936 May 26 j 21:13	15°♉20'17	
max. Earth dist.	-1936 Jun 01 j 19:58	22°♉39'15	1.73456 AU
superior conj	-1936 Jun 04 j 17:13	26°♉12'26	0°20'40
minimum elong	-1936 Jun 04 j 13:13	26°♉00'06	0°20'30
	-1936 Jun 07 j 19:05	0°♊	
	-1936 Jul 02 j 01:58	0°♋	
evening rise	-1936 Jul 10 j 10:02	10°♋19'46	
	-1936 Jul 26 j 06:34	0°♌	
	-1936 Aug 19 j 10:22	0°♍	
	-1936 Sep 12 j 15:10	0°♎	
desc. node	-1936 Sep 15 j 12:53	3°♎35'37	
	-1936 Oct 06 j 22:41	0°♏	
	-1936 Oct 31 j 11:14	0°♐	
	-1936 Nov 25 j 10:00	0°♑	
	-1936 Dec 21 j 08:12	0°♒	
asc. node	-1935 Jan 06 j 13:22	17°♒36'03	
evening max el	-1935 Jan 12 j 21:07	24°♒04'24	46°20'38
	-1935 Jan 18 j 22:35	0°♓	
greatest brilliancy	-1935 Feb 20 j 21:45	23°♓51'41	-4.8m
retrograde	-1935 Mar 03 j 17:34	26°♓01'36	
evening set	-1935 Mar 20 j 17:51	20°♓24'00	
inferior conj	-1935 Mar 25 j 02:37	17°♓40'57	6°46'19
minimum elong	-1935 Mar 25 j 11:26	17°♓26'59	6°44'49
min. Earth dist.	-1935 Mar 25 j 06:57	17°♓34'05	0.29122 AU
morning rise	-1935 Mar 30 j 05:11	14°♓31'57	
direct	-1935 Apr 15 j 16:26	9°♓18'57	
greatest brilliancy	-1935 Apr 25 j 16:22	11°♓07'43	-4.7m
desc. node	-1935 Apr 28 j 05:26	12°♓06'08	
	-1935 May 24 j 13:03	0°♈	
morning max el	-1935 Jun 03 j 13:30	9°♈09'10	45°47'40
	-1935 Jun 24 j 02:37	0°♉	
	-1935 Jul 21 j 03:13	0°♊	
	-1935 Aug 15 j 16:02	0°♋	
asc. node	-1935 Aug 19 j 06:43	4°♋20'27	
	-1935 Sep 09 j 07:57	0°♌	
	-1935 Oct 03 j 11:26	0°♍	
	-1935 Oct 27 j 08:55	0°♎	
	-1935 Nov 20 j 05:03	0°♏	
morning set	-1935 Dec 03 j 01:42	16°♏09'43	
desc. node	-1935 Dec 08 j 22:35	23°♏31'42	
	-1935 Dec 14 j 02:27	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1934 Jan 07 j 02:08	0°♉	
superior conj	-1934 Jan 13 j 23:09	8°♉34'29	-1°11'18
minimum elong	-1934 Jan 13 j 12:49	8°♉02'19	1°11'03
max. Earth dist.	-1934 Jan 18 j 03:50	13°♉48'07	1.72050 AU
	-1934 Jan 31 j 04:31	0°♒	
evening rise	-1934 Feb 22 j 16:21	27°♒51'04	
	-1934 Feb 24 j 10:08	0°♓	
	-1934 Mar 20 j 19:47	0°♈	
asc. node	-1934 Mar 31 j 23:25	13°♈37'47	
	-1934 Apr 14 j 10:18	0°♉	
	-1934 May 09 j 06:37	0°♊	
	-1934 Jun 03 j 10:41	0°♋	
	-1934 Jun 29 j 02:52	0°♌	
desc. node	-1934 Jul 21 j 14:49	25°♌27'32	
	-1934 Jul 25 j 17:47	0°♍	
evening max el	-1934 Aug 19 j 21:50	26°♍20'47	46°55'07
	-1934 Aug 23 j 16:09	0°♎	
greatest brilliancy	-1934 Sep 29 j 17:04	26°♎42'16	-4.9m
retrograde	-1934 Oct 09 j 02:11	28°♎21'13	
evening set	-1934 Oct 24 j 01:00	23°♎56'41	
inferior conj	-1934 Oct 29 j 14:06	20°♎40'46	-3°18'50
minimum elong	-1934 Oct 29 j 21:15	20°♎29'53	3°16'41
min. Earth dist.	-1934 Oct 29 j 15:43	20°♎38'18	0.26346 AU
morning rise	-1934 Nov 04 j 17:34	17°♎06'29	
asc. node	-1934 Nov 11 j 15:44	14°♎11'27	
direct	-1934 Nov 18 j 21:44	13°♎06'20	
greatest brilliancy	-1934 Nov 29 j 01:53	15°♎05'17	-4.9m
	-1934 Dec 22 j 02:52	0°♏	
morning max el	-1933 Jan 08 j 06:40	16°♏02'38	46°40'59
	-1933 Jan 21 j 16:57	0°♐	
	-1933 Feb 17 j 17:42	0°♑	
desc. node	-1933 Mar 03 j 08:11	15°♑38'00	
	-1933 Mar 15 j 16:20	0°♒	
	-1933 Apr 10 j 02:43	0°♓	
	-1933 May 05 j 05:20	0°♈	
	-1933 May 30 j 01:22	0°♉	
	-1933 Jun 23 j 14:51	0°♊	
asc. node	-1933 Jun 24 j 09:01	0°♊55'49	
morning set	-1933 Jul 06 j 19:18	16°♊14'43	
	-1933 Jul 17 j 21:54	0°♋	
max. Earth dist.	-1933 Aug 08 j 15:15	27°♋03'54	1.71959 AU
	-1933 Aug 10 j 23:36	0°♌	
superior conj	-1933 Aug 12 j 15:38	2°♌05'10	1°22'53
minimum elong	-1933 Aug 12 j 12:16	1°♌54'39	1°22'53
	-1933 Sep 03 j 22:04	0°♍	
evening rise	-1933 Sep 20 j 02:31	20°♍19'09	
	-1933 Sep 27 j 19:36	0°♎	
desc. node	-1933 Oct 14 j 00:55	20°♎20'38	
	-1933 Oct 21 j 18:00	0°♏	
	-1933 Nov 14 j 18:29	0°♐	
	-1933 Dec 08 j 22:38	0°♑	
	-1932 Jan 02 j 09:41	0°♒	
	-1932 Jan 27 j 09:55	0°♓	
asc. node	-1932 Feb 04 j 01:21	8°♓57'57	
	-1932 Feb 22 j 11:26	0°♈	
	-1932 Mar 21 j 20:57	0°♉	
evening max el	-1932 Mar 24 j 17:47	2°♉46'58	45°17'04
	-1932 Apr 30 j 20:59	0°♊	
greatest brilliancy	-1932 May 01 j 08:24	0°♊10'39	-4.7m
retrograde	-1932 May 12 j 01:16	2°♊13'32	
	-1932 May 22 j 18:13	30°℞♉	
desc. node	-1932 May 25 j 17:10	28°♉38'58	
evening set	-1932 May 27 j 00:48	27°♉57'54	
inferior conj	-1932 Jun 02 j 12:13	24°♉07'56	-1°48'23
minimum elong	-1932 Jun 02 j 08:17	24°♉14'03	1°47'13
min. Earth dist.	-1932 Jun 02 j 21:03	23°♉54'12	0.28815 AU
morning rise	-1932 Jun 08 j 15:12	20°♉27'37	
direct	-1932 Jun 24 j 04:54	15°♉51'06	
greatest brilliancy	-1932 Jul 05 j 02:15	17°♉57'59	-4.8m
	-1932 Jul 25 j 00:23	0°♊	
morning max el	-1932 Aug 12 j 15:50	16°♊38'07	46°15'58
	-1932 Aug 25 j 17:10	0°♋	
asc. node	-1932 Sep 15 j 18:32	23°♋20'54	
	-1932 Sep 21 j 12:33	0°♌	
	-1932 Oct 16 j 16:21	0°♍	
	-1932 Nov 10 j 02:47	0°♎	
	-1932 Dec 04 j 06:40	0°♏	
	-1932 Dec 28 j 09:33	0°♐	
desc. node	-1931 Jan 05 j 10:31	9°♐59'11	
	-1931 Jan 21 j 13:45	0°♑	
	-1931 Feb 14 j 19:49	0°♒	
morning set	-1931 Feb 17 j 02:54	2°♒50'04	
	-1931 Mar 11 j 03:40	0°♓	
superior conj	-1931 Mar 27 j 02:52	19°♓38'47	-1°06'18
minimum elong	-1931 Mar 27 j 11:50	20°♓06'22	1°06'02
max. Earth dist.	-1931 Mar 28 j 08:08	21°♓08'45	1.73473 AU
	-1931 Apr 04 j 13:04	0°♈	
asc. node	-1931 Apr 28 j 11:20	29°♈22'12	
	-1931 Apr 28 j 23:40	0°♉	
evening rise	-1931 May 02 j 20:14	4°♉43'46	
	-1931 May 23 j 11:04	0°♊	
	-1931 Jun 16 j 23:22	0°♋	
	-1931 Jul 11 j 13:29	0°♌	
	-1931 Aug 05 j 07:22	0°♍	
desc. node	-1931 Aug 18 j 02:53	15°♍24'54	
	-1931 Aug 30 j 08:09	0°♎	
	-1931 Sep 24 j 21:50	0°♏	
	-1931 Oct 21 j 16:42	0°♐	
evening max el	-1931 Oct 31 j 08:38	10°♐08'30	47°27'59
	-1931 Nov 21 j 16:14	0°♑	
asc. node	-1931 Dec 09 j 03:36	11°♑19'52	
greatest brilliancy	-1931 Dec 10 j 22:59	12°♑05'01	-4.9m
retrograde	-1931 Dec 21 j 11:58	14°♑13'41	
evening set	-1930 Jan 06 j 15:07	9°♑02'15	
min. Earth dist.	-1930 Jan 10 j 09:18	6°♑44'03	0.27602 AU
inferior conj	-1930 Jan 11 j 10:33	6°♑04'12	7°05'03
minimum elong	-1930 Jan 11 j 01:28	6°♑18'33	7°03'27
morning rise	-1930 Jan 15 j 12:18	3°♑33'07	
	-1930 Jan 22 j 14:24	30°℞♐	
direct	-1930 Feb 01 j 02:33	28°♐09'06	
greatest brilliancy	-1930 Feb 09 j 22:48	29°♐36'40	-4.8m
	-1930 Feb 11 j 02:38	0°♑	
morning max el	-1930 Mar 22 j 04:49	28°♑39'21	46°01'27
	-1930 Mar 23 j 14:11	0°♒	
desc. node	-1930 Mar 30 j 19:52	7°♒11'14	
	-1930 Apr 21 j 10:07	0°♓	
	-1930 May 18 j 03:32	0°♈	
	-1930 Jun 12 j 21:11	0°♉	
	-1930 Jul 07 j 23:02	0°♊	
asc. node	-1930 Jul 21 j 21:01	16°♊55'41	
	-1930 Aug 01 j 12:27	0°♋	
	-1930 Aug 25 j 16:22	0°♌	
morning set	-1930 Sep 15 j 10:51	26°♌03'06	
	-1930 Sep 18 j 14:08	0°♍	
	-1930 Oct 12 j 09:15	0°♎	
superior conj	-1930 Oct 25 j 10:36	16°♎27'59	0°36'46
minimum elong	-1930 Oct 25 j 19:31	16°♎56'03	0°36'22
max. Earth dist.	-1930 Oct 26 j 23:12	18°♎23'19	1.70944 AU
	-1930 Nov 05 j 04:24	0°♏	
desc. node	-1930 Nov 10 j 12:47	6°♏43'54	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1930 Nov 29 j 01:14	0°♐	
evening rise	-1930 Dec 06 j 16:16	9°♐33'37	
	-1930 Dec 23 j 00:37	0°♑	
	-1929 Jan 16 j 03:40	0°♒	
	-1929 Feb 09 j 12:24	0°♓	
asc. node	-1929 Mar 03 j 13:27	26°♓46'06	
	-1929 Mar 06 j 05:57	0°♈	
	-1929 Mar 31 j 12:47	0°♉	
	-1929 Apr 26 j 16:40	0°♊	
	-1929 May 24 j 13:19	0°♋	
evening max el	-1929 Jun 04 j 21:25	11°♋13'50	45°32'52
desc. node	-1929 Jun 23 j 05:08	27°♋13'57	
	-1929 Jun 26 j 22:10	0°♌	
greatest brilliancy	-1929 Jul 14 j 05:21	9°♌25'48	-4.8m
retrograde	-1929 Jul 23 j 19:38	11°♌05'34	
evening set	-1929 Aug 10 j 12:11	5°♌16'40	
inferior conj	-1929 Aug 13 j 20:09	3°♌16'44	-8°43'28
minimum elong	-1929 Aug 13 j 16:41	3°♌22'01	8°43'16
min. Earth dist.	-1929 Aug 14 j 07:56	2°♌58'49	0.27746 AU
morning rise	-1929 Aug 16 j 21:00	1°♌26'55	
	-1929 Aug 19 j 09:36	30°♋	
direct	-1929 Sep 03 j 22:44	25°♋19'14	
greatest brilliancy	-1929 Sep 14 j 22:52	27°♋34'44	-4.9m
	-1929 Sep 20 j 03:56	0°♌	
asc. node	-1929 Oct 14 j 06:09	18°♌22'54	
morning max el	-1929 Oct 24 j 16:26	28°♌35'54	46°51'25
	-1929 Oct 26 j 01:13	0°♍	
	-1929 Nov 22 j 07:42	0°♎	
	-1929 Dec 17 j 19:52	0°♏	
	-1928 Jan 11 j 17:56	0°♐	
desc. node	-1928 Feb 02 j 22:26	26°♐54'57	
	-1928 Feb 05 j 11:19	0°♑	
	-1928 Mar 01 j 03:08	0°♒	
	-1928 Mar 25 j 18:06	0°♓	
	-1928 Apr 19 j 08:01	0°♈	
morning set	-1928 Apr 27 j 10:08	9°♈53'14	
	-1928 May 13 j 20:15	0°♉	
asc. node	-1928 May 25 j 23:16	14°♉53'06	
max. Earth dist.	-1928 May 30 j 18:32	20°♉47'27	1.73489 AU
superior conj	-1928 Jun 02 j 12:05	24°♉09'08	0°17'40
minimum elong	-1928 Jun 02 j 08:38	23°♉58'30	0°17'32
	-1928 Jun 07 j 06:02	0°♊	
	-1928 Jul 01 j 13:01	0°♋	
evening rise	-1928 Jul 08 j 04:25	8°♋13'34	
	-1928 Jul 25 j 17:48	0°♌	
	-1928 Aug 18 j 21:53	0°♍	
	-1928 Sep 12 j 03:05	0°♎	
desc. node	-1928 Sep 14 j 14:56	3°♎04'58	
	-1928 Oct 06 j 11:06	0°♏	
	-1928 Oct 31 j 00:22	0°♐	
	-1928 Nov 25 j 00:17	0°♑	
	-1928 Dec 21 j 00:58	0°♒	
asc. node	-1927 Jan 05 j 15:35	16°♒49'48	
evening max el	-1927 Jan 10 j 13:35	21°♒50'54	46°23'37
	-1927 Jan 18 j 23:26	0°♓	
greatest brilliancy	-1927 Feb 18 j 14:48	21°♓42'10	-4.8m
retrograde	-1927 Mar 01 j 10:44	23°♓52'01	
evening set	-1927 Mar 18 j 13:12	18°♓10'50	
inferior conj	-1927 Mar 22 j 19:25	15°♓31'14	6°57'32
minimum elong	-1927 Mar 23 j 04:00	15°♓17'35	6°56'10
min. Earth dist.	-1927 Mar 22 j 22:35	15°♓26'11	0.29103 AU
morning rise	-1927 Mar 27 j 19:02	12°♓26'23	
direct	-1927 Apr 13 j 09:22	7°♓09'53	
greatest brilliancy	-1927 Apr 23 j 06:41	8°♓56'40	-4.7m
desc. node	-1927 Apr 27 j 07:22	10°♓33'38	
	-1927 May 24 j 16:00	0°♈	
morning max el	-1927 Jun 01 j 05:42	6°♈59'52	45°47'14
	-1927 Jun 23 j 19:30	0°♉	
	-1927 Jul 20 j 17:12	0°♊	
	-1927 Aug 15 j 04:45	0°♋	
asc. node	-1927 Aug 18 j 08:51	3°♋48'51	
	-1927 Sep 08 j 20:02	0°♌	
	-1927 Oct 02 j 23:11	0°♍	
	-1927 Oct 26 j 20:30	0°♎	
	-1927 Nov 19 j 16:31	0°♏	
morning set	-1927 Nov 30 j 11:17	13°♏33'18	
desc. node	-1927 Dec 08 j 00:43	23°♏02'43	
	-1927 Dec 13 j 13:48	0°♐	
	-1926 Jan 06 j 13:23	0°♑	
superior conj	-1926 Jan 11 j 10:14	6°♑04'22	-1°09'10
minimum elong	-1926 Jan 10 j 23:30	5°♑30'54	1°08'55
max. Earth dist.	-1926 Jan 15 j 18:32	11°♑29'24	1.71993 AU
	-1926 Jan 30 j 15:42	0°♒	
evening rise	-1926 Feb 20 j 06:34	25°♒32'13	
	-1926 Feb 23 j 21:19	0°♓	
	-1926 Mar 20 j 07:02	0°♈	
asc. node	-1926 Mar 31 j 01:26	13°♈09'26	
	-1926 Apr 13 j 21:46	0°♉	
	-1926 May 08 j 18:33	0°♊	
	-1926 Jun 02 j 23:28	0°♋	
	-1926 Jun 28 j 17:14	0°♌	
desc. node	-1926 Jul 20 j 16:57	24°♌46'54	
	-1926 Jul 25 j 11:20	0°♍	
evening max el	-1926 Aug 17 j 10:42	23°♍55'05	46°52'08
	-1926 Aug 23 j 18:45	0°♎	
greatest brilliancy	-1926 Sep 27 j 06:34	24°♎12'51	-4.9m
retrograde	-1926 Oct 06 j 13:22	25°♎49'44	
evening set	-1926 Oct 21 j 15:27	21°♎22'25	
inferior conj	-1926 Oct 27 j 02:01	18°♎10'04	-3°41'41
minimum elong	-1926 Oct 27 j 09:52	17°♎58'08	3°39'21
min. Earth dist.	-1926 Oct 27 j 05:23	18°♎04'57	0.26359 AU
morning rise	-1926 Nov 02 j 04:13	14°♎37'08	
asc. node	-1926 Nov 10 j 17:50	11°♎14'59	
direct	-1926 Nov 16 j 09:33	10°♎35'28	
greatest brilliancy	-1926 Nov 26 j 15:54	12°♎35'57	-4.9m
	-1926 Dec 22 j 12:19	0°♏	
morning max el	-1925 Jan 05 j 18:32	13°♏32'46	46°42'12
	-1925 Jan 21 j 12:06	0°♐	
	-1925 Feb 17 j 08:53	0°♑	
desc. node	-1925 Mar 02 j 10:15	15°♑03'03	
	-1925 Mar 15 j 05:41	0°♒	
	-1925 Apr 09 j 15:02	0°♓	
	-1925 May 04 j 17:01	0°♈	
	-1925 May 29 j 12:39	0°♉	
asc. node	-1925 Jun 23 j 11:16	0°♊28'47	
	-1925 Jun 23 j 01:54	0°♊	
morning set	-1925 Jul 04 j 13:04	14°♊07'24	
	-1925 Jul 17 j 08:52	0°♋	
max. Earth dist.	-1925 Aug 06 j 06:56	24°♋48'29	1.72024 AU
superior conj	-1925 Aug 10 j 07:59	29°♋51'42	1°22'12
minimum elong	-1925 Aug 10 j 03:56	29°♋39'03	1°22'12
	-1925 Aug 10 j 10:38	0°♌	
	-1925 Sep 03 j 09:15	0°♍	
evening rise	-1925 Sep 17 j 14:54	17°♍51'56	
	-1925 Sep 27 j 06:58	0°♎	
desc. node	-1925 Oct 13 j 02:55	19°♎50'55	
	-1925 Oct 21 j 05:33	0°♏	
	-1925 Nov 14 j 06:15	0°♐	
	-1925 Dec 08 j 10:41	0°♑	
	-1924 Jan 01 j 22:12	0°♒	
	-1924 Jan 26 j 23:22	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1924 Feb 03 j 03:27	8°♓23'38	
	-1924 Feb 22 j 03:00	0°♈	
	-1924 Mar 21 j 18:40	0°♉	
evening max el	-1924 Mar 22 j 08:26	0°♉33'09	45°18'12
greatest brilliancy	-1924 Apr 29 j 00:09	28°♉01'17	-4.7m
	-1924 May 07 j 15:09	0°♊	
retrograde	-1924 May 09 j 17:21	0°♊05'01	
	-1924 May 11 j 19:07	30°℞♉	
evening set	-1924 May 24 j 16:58	25°♉48'40	
desc. node	-1924 May 24 j 19:22	25°♉45'27	
inferior conj	-1924 May 31 j 04:30	21°♉58'45	-1°28'52
minimum elong	-1924 May 31 j 01:15	22°♉03'47	1°27'55
min. Earth dist.	-1924 May 31 j 13:47	21°♉44'20	0.28840 AU
morning rise	-1924 Jun 06 j 08:57	18°♉16'23	
direct	-1924 Jun 21 j 20:52	13°♉41'14	
greatest brilliancy	-1924 Jul 02 j 19:13	15°♉48'55	-4.7m
	-1924 Jul 25 j 09:46	0°♊	
morning max el	-1924 Aug 10 j 07:09	14°♊23'48	46°14'39
	-1924 Aug 25 j 11:18	0°♋	
asc. node	-1924 Sep 14 j 20:35	22°♋43'15	
	-1924 Sep 21 j 03:09	0°♌	
	-1924 Oct 16 j 05:31	0°♍	
	-1924 Nov 09 j 15:14	0°♎	
	-1924 Dec 03 j 18:41	0°♏	
	-1924 Dec 27 j 21:14	0°♐	
desc. node	-1923 Jan 04 j 12:42	9°♐29'58	
	-1923 Jan 21 j 01:10	0°♑	
	-1923 Feb 14 j 07:00	0°♒	
morning set	-1923 Feb 14 j 16:33	0°♒29'29	
	-1923 Mar 10 j 14:41	0°♓	
superior conj	-1923 Mar 24 j 19:42	17°♓29'23	-1°08'16
minimum elong	-1923 Mar 25 j 04:33	17°♓56'36	1°08'02
max. Earth dist.	-1923 Mar 26 j 02:42	19°♓04'40	1.73441 AU
	-1923 Apr 03 j 24:00	0°♈	
asc. node	-1923 Apr 27 j 13:25	28°♈55'04	
	-1923 Apr 28 j 10:36	0°♉	
evening rise	-1923 Apr 30 j 14:57	2°♉40'26	
	-1923 May 22 j 22:10	0°♊	
	-1923 Jun 16 j 10:45	0°♋	
	-1923 Jul 11 j 01:20	0°♌	
	-1923 Aug 04 j 19:54	0°♍	
desc. node	-1923 Aug 17 j 04:57	14°♍52'04	
	-1923 Aug 29 j 21:47	0°♎	
	-1923 Sep 24 j 13:25	0°♏	
	-1923 Oct 21 j 12:38	0°♐	
evening max el	-1923 Oct 28 j 23:14	7°♐45'39	47°28'36
	-1923 Nov 22 j 07:32	0°♑	
asc. node	-1923 Dec 08 j 05:50	9°♑33'56	
greatest brilliancy	-1923 Dec 08 j 13:53	9°♑41'52	-4.9m
retrograde	-1923 Dec 19 j 03:01	11°♑50'55	
evening set	-1922 Jan 04 j 02:13	6°♑44'27	
min. Earth dist.	-1922 Jan 07 j 23:13	4°♑22'34	0.27530 AU
inferior conj	-1922 Jan 09 j 00:51	3°♑42'16	6°52'37
minimum elong	-1922 Jan 08 j 15:29	3°♑57'00	6°50'52
morning rise	-1922 Jan 13 j 05:16	1°♑07'42	
	-1922 Jan 15 j 04:51	30°℞♐	
direct	-1922 Jan 29 j 16:03	25°♐48'08	
greatest brilliancy	-1922 Feb 07 j 12:34	27°♐16'23	-4.8m
	-1922 Feb 14 j 02:26	0°♑	
morning max el	-1922 Mar 19 j 19:55	26°♑24'25	46°02'44
	-1922 Mar 23 j 12:22	0°♒	
desc. node	-1922 Mar 29 j 21:53	6°♒25'31	
	-1922 Apr 21 j 01:55	0°♓	
	-1922 May 17 j 16:56	0°♈	
	-1922 Jun 12 j 09:24	0°♉	
	-1922 Jul 07 j 10:36	0°♊	
asc. node	-1922 Jul 20 j 23:02	16°♊27'06	
	-1922 Jul 31 j 23:42	0°♋	
	-1922 Aug 25 j 03:27	0°♌	
morning set	-1922 Sep 13 j 00:40	23°♌40'58	
	-1922 Sep 18 j 01:10	0°♍	
	-1922 Oct 11 j 20:16	0°♎	
superior conj	-1922 Oct 22 j 20:57	13°♎54'24	0°40'16
minimum elong	-1922 Oct 23 j 06:26	14°♎24'17	0°39'50
max. Earth dist.	-1922 Oct 24 j 07:57	15°♎44'43	1.70945 AU
	-1922 Nov 04 j 15:29	0°♏	
desc. node	-1922 Nov 09 j 14:58	6°♏15'53	
	-1922 Nov 28 j 12:23	0°♐	
evening rise	-1922 Dec 04 j 01:55	6°♐58'33	
	-1922 Dec 22 j 11:50	0°♑	
	-1921 Jan 15 j 14:59	0°♒	
	-1921 Feb 08 j 23:56	0°♓	
asc. node	-1921 Mar 02 j 15:27	26°♓16'14	
	-1921 Mar 05 j 17:56	0°♈	
	-1921 Mar 31 j 01:42	0°♉	
	-1921 Apr 26 j 07:32	0°♊	
	-1921 May 24 j 09:01	0°♋	
evening max el	-1921 Jun 02 j 12:39	9°♋00'18	45°30'57
desc. node	-1921 Jun 22 j 07:16	26°♋05'29	
	-1921 Jun 27 j 19:46	0°♌	
greatest brilliancy	-1921 Jul 11 j 17:06	7°♌05'50	-4.8m
retrograde	-1921 Jul 21 j 09:19	8°♌46'38	
evening set	-1921 Aug 07 j 23:05	3°♌01'46	
inferior conj	-1921 Aug 11 j 09:58	0°♌57'15	-8°38'53
minimum elong	-1921 Aug 11 j 05:41	1°♌03'47	8°38'36
min. Earth dist.	-1921 Aug 11 j 20:55	0°♌40'34	0.27794 AU
	-1921 Aug 12 j 23:38	30°℞♋	
morning rise	-1921 Aug 14 j 12:07	29°♋05'22	
direct	-1921 Sep 01 j 13:49	22°♋59'14	
greatest brilliancy	-1921 Sep 12 j 12:33	25°♋13'20	-4.9m
	-1921 Sep 21 j 19:09	0°♌	
asc. node	-1921 Oct 13 j 08:12	17°♌24'27	
morning max el	-1921 Oct 22 j 06:39	26°♌12'59	46°50'46
	-1921 Oct 25 j 22:33	0°♍	
	-1921 Nov 21 j 23:35	0°♎	
	-1921 Dec 17 j 09:39	0°♏	
	-1920 Jan 11 j 06:36	0°♐	
desc. node	-1920 Feb 02 j 00:26	26°♐24'28	
	-1920 Feb 04 j 23:18	0°♑	
	-1920 Feb 29 j 14:37	0°♒	
	-1920 Mar 25 j 05:13	0°♓	
	-1920 Apr 18 j 18:53	0°♈	
morning set	-1920 Apr 25 j 04:32	7°♈49'39	
	-1920 May 13 j 06:59	0°♉	
asc. node	-1920 May 25 j 01:28	14°♉27'00	
max. Earth dist.	-1920 May 28 j 15:43	18°♉52'06	1.73515 AU
superior conj	-1920 May 31 j 06:46	22°♉05'59	0°14'38
minimum elong	-1920 May 31 j 03:53	21°♉57'08	0°14'32
behind sun begin	-1920 May 30 j 19:05	21°♉30'03	
behind sun end	-1920 May 31 j 12:42	22°♉24'14	
	-1920 Jun 06 j 16:44	0°♊	
	-1920 Jun 30 j 23:49	0°♋	
evening rise	-1920 Jul 05 j 22:48	6°♋08'17	
	-1920 Jul 25 j 04:48	0°♌	
	-1920 Aug 18 j 09:10	0°♍	
	-1920 Sep 11 j 14:45	0°♎	
desc. node	-1920 Sep 13 j 16:57	2°♎35'05	
	-1920 Oct 05 j 23:15	0°♏	
	-1920 Oct 30 j 13:11	0°♐	
	-1920 Nov 24 j 14:17	0°♑	
	-1920 Dec 20 j 17:37	0°♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1919 Jan 04 j 17:37	16°♒03'30	
evening max el	-1919 Jan 08 j 05:06	19°♒35'53	46°26'20
	-1919 Jan 19 j 01:10	0°♓	
greatest brilliancy	-1919 Feb 16 j 08:15	19°♓33'38	-4.8m
retrograde	-1919 Feb 27 j 03:22	21°♓42'45	
evening set	-1919 Mar 16 j 08:24	15°♓58'08	
inferior conj	-1919 Mar 20 j 12:08	13°♓21'56	7°08'09
minimum elong	-1919 Mar 20 j 20:26	13°♓08'43	7°06'55
min. Earth dist.	-1919 Mar 20 j 14:25	13°♓18'18	0.29085 AU
morning rise	-1919 Mar 25 j 08:42	10°♓21'13	
direct	-1919 Apr 11 j 01:50	5°♓01'09	
greatest brilliancy	-1919 Apr 20 j 21:24	6°♓46'16	-4.7m
desc. node	-1919 Apr 26 j 09:34	9°♓04'47	
	-1919 May 24 j 17:17	0°♈	
morning max el	-1919 May 29 j 21:00	4°♈48'54	45°46'55
	-1919 Jun 23 j 11:50	0°♉	
	-1919 Jul 20 j 06:45	0°♊	
	-1919 Aug 14 j 17:04	0°♋	
asc. node	-1919 Aug 17 j 10:52	3°♋18'07	
	-1919 Sep 08 j 07:43	0°♌	
	-1919 Oct 02 j 10:33	0°♍	
	-1919 Oct 26 j 07:42	0°♎	
	-1919 Nov 19 j 03:37	0°♏	
morning set	-1919 Nov 27 j 21:05	10°♏58'38	
desc. node	-1919 Dec 07 j 02:52	22°♏34'57	
	-1919 Dec 13 j 00:47	0°♐	
	-1918 Jan 06 j 00:15	0°♑	
superior conj	-1918 Jan 08 j 21:28	3°♑35'51	-1°06'55
minimum elong	-1918 Jan 08 j 10:24	3°♑01'22	1°06'37
max. Earth dist.	-1918 Jan 13 j 08:42	9°♑10'08	1.71933 AU
	-1918 Jan 30 j 02:30	0°♒	
evening rise	-1918 Feb 17 j 20:43	23°♒14'17	
	-1918 Feb 23 j 08:08	0°♓	
	-1918 Mar 19 j 17:58	0°♈	
asc. node	-1918 Mar 30 j 03:33	12°♈42'20	
	-1918 Apr 13 j 08:58	0°♉	
	-1918 May 08 j 06:16	0°♊	
	-1918 Jun 02 j 12:04	0°♋	
	-1918 Jun 28 j 07:28	0°♌	
desc. node	-1918 Jul 19 j 18:59	24°♌06'30	
	-1918 Jul 25 j 04:54	0°♍	
evening max el	-1918 Aug 14 j 22:29	21°♍27'57	46°49'19
	-1918 Aug 23 j 22:25	0°♎	
greatest brilliancy	-1918 Sep 24 j 20:07	21°♎44'51	-4.9m
retrograde	-1918 Oct 04 j 00:33	23°♎19'59	
evening set	-1918 Oct 19 j 06:04	18°♎49'11	
inferior conj	-1918 Oct 24 j 14:01	15°♎40'51	-4°03'56
minimum elong	-1918 Oct 24 j 22:29	15°♎27'57	4°01'29
min. Earth dist.	-1918 Oct 24 j 19:09	15°♎33'02	0.26376 AU
morning rise	-1918 Oct 30 j 14:42	12°♎09'43	
asc. node	-1918 Nov 09 j 20:04	8°♎25'55	
direct	-1918 Nov 13 j 21:11	8°♎05'42	
greatest brilliancy	-1918 Nov 24 j 06:15	10°♎08'21	-4.9m
	-1918 Dec 22 j 18:44	0°♏	
morning max el	-1917 Jan 03 j 06:54	11°♏05'07	46°43'30
	-1917 Jan 21 j 06:19	0°♐	
	-1917 Feb 16 j 23:27	0°♑	
desc. node	-1917 Mar 01 j 12:19	14°♑29'29	
	-1917 Mar 14 j 18:32	0°♒	
	-1917 Apr 09 j 02:55	0°♓	
	-1917 May 04 j 04:19	0°♈	
	-1917 May 28 j 23:37	0°♉	
asc. node	-1917 Jun 22 j 13:18	0°♊01'53	
	-1917 Jun 22 j 12:41	0°♊	
morning set	-1917 Jul 02 j 06:41	12°♊00'23	
	-1917 Jul 16 j 19:35	0°♋	

max. Earth dist.	-1917 Aug 03 j 23:43	22°♋37'25	1.72083 AU
superior conj	-1917 Aug 08 j 00:11	27°♋38'43	1°21'23
minimum elong	-1917 Aug 07 j 19:30	27°♋24'04	1°21'22
	-1917 Aug 09 j 21:24	0°♌	
	-1917 Sep 02 j 20:08	0°♍	
evening rise	-1917 Sep 15 j 03:22	15°♍26'08	
	-1917 Sep 26 j 18:01	0°♎	
desc. node	-1917 Oct 12 j 05:06	19°♎22'48	
	-1917 Oct 20 j 16:47	0°♏	
	-1917 Nov 13 j 17:42	0°♐	
	-1917 Dec 07 j 22:27	0°♑	
	-1916 Jan 01 j 10:28	0°♒	
	-1916 Jan 26 j 12:36	0°♓	
asc. node	-1916 Feb 02 j 05:31	7°♓50'01	
	-1916 Feb 21 j 18:24	0°♈	
evening max el	-1916 Mar 19 j 23:32	28°♈21'28	45°19'25
	-1916 Mar 21 j 16:48	0°♉	
greatest brilliancy	-1916 Apr 26 j 15:17	25°♉52'11	-4.7m
retrograde	-1916 May 07 j 09:51	27°♉57'14	
evening set	-1916 May 22 j 09:15	23°♉39'56	
desc. node	-1916 May 23 j 21:28	22°♉49'46	
inferior conj	-1916 May 28 j 20:42	19°♉50'04	-1°09'19
minimum elong	-1916 May 28 j 18:09	19°♉54'01	1°08'33
min. Earth dist.	-1916 May 29 j 06:06	19°♉35'28	0.28869 AU
morning rise	-1916 Jun 04 j 02:31	16°♉06'00	
direct	-1916 Jun 19 j 13:13	11°♉31'53	
greatest brilliancy	-1916 Jun 30 j 11:42	13°♉39'56	-4.7m
	-1916 Jul 25 j 16:24	0°♊	
morning max el	-1916 Aug 07 j 23:27	12°♊12'30	46°13'19
	-1916 Aug 25 j 04:53	0°♋	
asc. node	-1916 Sep 13 j 22:44	22°♋06'36	
	-1916 Sep 20 j 17:26	0°♌	
	-1916 Oct 15 j 18:24	0°♍	
	-1916 Nov 09 j 03:23	0°♎	
	-1916 Dec 03 j 06:23	0°♏	
	-1916 Dec 27 j 08:37	0°♐	
desc. node	-1915 Jan 03 j 14:40	9°♐00'54	
	-1915 Jan 20 j 12:19	0°♑	
morning set	-1915 Feb 12 j 06:05	28°♑09'06	
	-1915 Feb 13 j 17:58	0°♒	
	-1915 Mar 10 j 01:29	0°♓	
superior conj	-1915 Mar 22 j 12:32	15°♓20'33	-1°10'09
minimum elong	-1915 Mar 22 j 21:13	15°♓47'15	1°09'55
max. Earth dist.	-1915 Mar 23 j 22:09	17°♓03'57	1.73408 AU
	-1915 Apr 03 j 10:41	0°♈	
asc. node	-1915 Apr 26 j 15:38	28°♈29'03	
	-1915 Apr 27 j 21:19	0°♉	
evening rise	-1915 Apr 28 j 09:45	0°♉38'06	
	-1915 May 22 j 09:03	0°♊	
	-1915 Jun 15 j 22:00	0°♋	
	-1915 Jul 10 j 13:06	0°♌	
	-1915 Aug 04 j 08:26	0°♍	
desc. node	-1915 Aug 16 j 06:58	14°♍19'08	
	-1915 Aug 29 j 11:29	0°♎	
	-1915 Sep 24 j 05:09	0°♏	
	-1915 Oct 21 j 09:02	0°♐	
evening max el	-1915 Oct 26 j 14:42	5°♐25'29	47°29'21
	-1915 Nov 23 j 03:42	0°♑	
greatest brilliancy	-1915 Dec 06 j 04:25	7°♑18'45	-4.9m
asc. node	-1915 Dec 07 j 07:50	7°♑44'11	
retrograde	-1915 Dec 16 j 18:19	9°♑28'24	
evening set	-1914 Jan 01 j 13:25	4°♑26'51	
min. Earth dist.	-1914 Jan 05 j 12:51	2°♑01'40	0.27457 AU
inferior conj	-1914 Jan 06 j 15:05	1°♑20'29	6°39'29
minimum elong	-1914 Jan 06 j 05:32	1°♑35'30	6°37'35

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1914 Jan 08 j 18:43	30°℞♐	
morning rise	-1914 Jan 10 j 22:15	28°♐42'24	
direct	-1914 Jan 27 j 06:03	23°♐27'35	
greatest brilliancy	-1914 Feb 05 j 01:48	24°♐55'47	-4.8m
	-1914 Feb 15 j 21:08	0°♑	
morning max el	-1914 Mar 17 j 11:17	24°♑10'26	46°03'56
	-1914 Mar 23 j 09:34	0°♒	
desc. node	-1914 Mar 29 j 00:03	5°♒41'15	
	-1914 Apr 20 j 17:20	0°♓	
	-1914 May 17 j 06:06	0°♈	
	-1914 Jun 11 j 21:27	0°♉	
	-1914 Jul 06 j 22:04	0°♊	
asc. node	-1914 Jul 20 j 01:08	15°♊59'02	
	-1914 Jul 31 j 10:53	0°♋	
	-1914 Aug 24 j 14:32	0°♌	
morning set	-1914 Sep 10 j 14:18	21°♌18'13	
	-1914 Sep 17 j 12:13	0°♍	
	-1914 Oct 11 j 07:21	0°♎	
superior conj	-1914 Oct 20 j 07:03	11°♎19'54	0°43'41
minimum elong	-1914 Oct 20 j 17:01	11°♎51'20	0°43'16
max. Earth dist.	-1914 Oct 21 j 14:17	12°♎58'22	1.70945 AU
	-1914 Nov 04 j 02:37	0°♏	
desc. node	-1914 Nov 08 j 17:05	5°♏47'34	
	-1914 Nov 27 j 23:33	0°♐	
evening rise	-1914 Dec 01 j 11:05	4°♐21'54	
	-1914 Dec 21 j 23:03	0°♑	
	-1913 Jan 15 j 02:18	0°♒	
	-1913 Feb 08 j 11:29	0°♓	
asc. node	-1913 Mar 01 j 17:38	25°♓46'46	
	-1913 Mar 05 j 05:59	0°♈	
	-1913 Mar 30 j 14:43	0°♉	
	-1913 Apr 25 j 22:35	0°♊	
	-1913 May 24 j 05:18	0°♋	
evening max el	-1913 May 31 j 03:36	6°♋46'11	45°29'05
desc. node	-1913 Jun 21 j 09:16	24°♋54'59	
	-1913 Jun 29 j 01:20	0°♌	
greatest brilliancy	-1913 Jul 09 j 05:27	4°♌46'53	-4.8m
retrograde	-1913 Jul 18 j 22:30	6°♌28'04	
evening set	-1913 Aug 05 j 09:49	0°♌47'45	
	-1913 Aug 06 j 18:04	30°℞♋	
inferior conj	-1913 Aug 08 j 23:54	28°♋38'17	-8°33'28
minimum elong	-1913 Aug 08 j 18:48	28°♋46'03	8°33'04
min. Earth dist.	-1913 Aug 09 j 10:19	28°♋22'20	0.27845 AU
morning rise	-1913 Aug 12 j 03:38	26°♋43'42	
direct	-1913 Aug 30 j 04:34	20°♋39'35	
greatest brilliancy	-1913 Sep 10 j 02:41	22°♋52'30	-4.9m
	-1913 Sep 22 j 22:38	0°♌	
asc. node	-1913 Oct 12 j 10:27	16°♌27'15	
morning max el	-1913 Oct 19 j 19:59	23°♌47'18	46°49'54
	-1913 Oct 25 j 19:22	0°♍	
	-1913 Nov 21 j 15:28	0°♎	
	-1913 Dec 16 j 23:32	0°♏	
	-1912 Jan 10 j 19:24	0°♐	
desc. node	-1912 Feb 01 j 02:35	25°♐54'06	
	-1912 Feb 04 j 11:22	0°♑	
	-1912 Feb 29 j 02:10	0°♒	
	-1912 Mar 24 j 16:24	0°♓	
	-1912 Apr 18 j 05:51	0°♈	
morning set	-1912 Apr 22 j 22:57	5°♈45'47	
	-1912 May 12 j 17:51	0°♉	
asc. node	-1912 May 24 j 03:30	13°♉59'59	
max. Earth dist.	-1912 May 26 j 11:41	16°♉52'37	1.73539 AU
superior conj	-1912 May 29 j 01:40	20°♉03'11	0°11'37
minimum elong	-1912 May 28 j 23:23	19°♉56'08	0°11'31
behind sun begin	-1912 May 28 j 08:02	19°♉08'56	
behind sun end	-1912 May 29 j 14:44	20°♉43'21	
	-1912 Jun 06 j 03:36	0°♊	
	-1912 Jun 30 j 10:45	0°♋	
evening rise	-1912 Jul 03 j 17:31	4°♋03'41	
	-1912 Jul 24 j 15:55	0°♌	
	-1912 Aug 17 j 20:37	0°♍	
	-1912 Sep 11 j 02:36	0°♎	
desc. node	-1912 Sep 12 j 19:10	2°♎05'11	
	-1912 Oct 05 j 11:40	0°♏	
	-1912 Oct 30 j 02:21	0°♐	
	-1912 Nov 24 j 04:46	0°♑	
	-1912 Dec 20 j 10:58	0°♒	
asc. node	-1911 Jan 03 j 19:43	15°♒15'39	
evening max el	-1911 Jan 05 j 19:44	17°♒17'24	46°29'16
	-1911 Jan 19 j 04:52	0°♓	
greatest brilliancy	-1911 Feb 14 j 02:05	17°♓24'29	-4.8m
retrograde	-1911 Feb 24 j 19:48	19°♓32'42	
evening set	-1911 Mar 14 j 03:32	13°♓44'40	
inferior conj	-1911 Mar 18 j 04:53	11°♓11'55	7°18'17
minimum elong	-1911 Mar 18 j 12:50	10°♓59'14	7°17'09
min. Earth dist.	-1911 Mar 18 j 06:29	11°♓09'22	0.29062 AU
morning rise	-1911 Mar 22 j 22:21	8°♓15'25	
direct	-1911 Apr 08 j 17:46	2°♓51'34	
greatest brilliancy	-1911 Apr 18 j 12:35	4°♓35'40	-4.7m
desc. node	-1911 Apr 25 j 11:44	7°♓38'08	
	-1911 May 24 j 17:38	0°♈	
morning max el	-1911 May 27 j 11:57	2°♈36'20	45°46'43
	-1911 Jun 23 j 04:08	0°♉	
	-1911 Jul 19 j 20:26	0°♊	
	-1911 Aug 14 j 05:32	0°♋	
asc. node	-1911 Aug 16 j 13:03	2°♋47'18	
	-1911 Sep 07 j 19:35	0°♌	
	-1911 Oct 01 j 22:08	0°♍	
	-1911 Oct 25 j 19:09	0°♎	
	-1911 Nov 18 j 14:59	0°♏	
morning set	-1911 Nov 25 j 06:45	8°♏22'31	
desc. node	-1911 Dec 06 j 04:51	22°♏05'43	
	-1911 Dec 12 j 12:05	0°♐	
	-1910 Jan 05 j 11:30	0°♑	
superior conj	-1910 Jan 06 j 08:14	1°♑04'42	-1°04'30
minimum elong	-1910 Jan 05 j 20:55	0°♑29'24	1°04'10
max. Earth dist.	-1910 Jan 10 j 19:07	6°♑38'02	1.71875 AU
	-1910 Jan 29 j 13:41	0°♒	
evening rise	-1910 Feb 15 j 10:21	20°♒53'31	
	-1910 Feb 22 j 19:18	0°♓	
	-1910 Mar 19 j 05:14	0°♈	
asc. node	-1910 Mar 29 j 05:43	12°♈14'23	
	-1910 Apr 12 j 20:30	0°♉	
	-1910 May 07 j 18:20	0°♊	
	-1910 Jun 02 j 01:05	0°♋	
	-1910 Jun 27 j 22:11	0°♌	
desc. node	-1910 Jul 18 j 21:08	23°♌25'06	
	-1910 Jul 24 j 23:11	0°♍	
evening max el	-1910 Aug 12 j 10:15	19°♍00'20	46°46'36
	-1910 Aug 24 j 04:12	0°♎	
greatest brilliancy	-1910 Sep 22 j 09:25	19°♎16'25	-4.9m
retrograde	-1910 Oct 01 j 12:16	20°♎50'32	
evening set	-1910 Oct 16 j 20:57	16°♎15'40	
inferior conj	-1910 Oct 22 j 02:11	13°♎11'34	-4°25'31
minimum elong	-1910 Oct 22 j 11:13	12°♎57'50	4°22'58
min. Earth dist.	-1910 Oct 22 j 08:51	13°♎01'27	0.26399 AU
morning rise	-1910 Oct 28 j 01:12	9°♎42'50	
asc. node	-1910 Nov 08 j 22:03	5°♎43'14	
direct	-1910 Nov 11 j 09:15	5°♎35'43	
greatest brilliancy	-1910 Nov 21 j 20:37	7°♎40'34	-4.9m
	-1910 Dec 22 j 23:26	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-1910 Dec 31 j 20:20	8°♏39'10	46°44'35
	-1909 Jan 21 j 00:28	0°♐	
	-1909 Feb 16 j 14:17	0°♑	
desc. node	-1909 Feb 28 j 14:29	13°♑55'11	
	-1909 Mar 14 j 07:44	0°♒	
	-1909 Apr 08 j 15:11	0°♓	
	-1909 May 03 j 15:58	0°♈	
	-1909 May 28 j 10:54	0°♉	
asc. node	-1909 Jun 21 j 15:21	29°♉34'09	
	-1909 Jun 21 j 23:46	0°♊	
morning set	-1909 Jun 30 j 00:25	9°♊52'54	
	-1909 Jul 16 j 06:38	0°♋	
max. Earth dist.	-1909 Aug 01 j 16:59	20°♋26'55	1.72142 AU
superior conj	-1909 Aug 05 j 16:38	25°♋25'28	1°20'27
minimum elong	-1909 Aug 05 j 11:21	25°♋09'00	1°20'25
	-1909 Aug 09 j 08:30	0°♌	
	-1909 Sep 02 j 07:21	0°♍	
evening rise	-1909 Sep 12 j 16:18	13°♍00'47	
	-1909 Sep 26 j 05:23	0°♎	
desc. node	-1909 Oct 11 j 07:11	18°♎53'25	
	-1909 Oct 20 j 04:19	0°♏	
	-1909 Nov 13 j 05:27	0°♐	
	-1909 Dec 07 j 10:31	0°♑	
	-1909 Dec 31 j 23:06	0°♒	
	-1908 Jan 26 j 02:17	0°♓	
asc. node	-1908 Feb 01 j 07:40	7°♓15'21	
	-1908 Feb 21 j 10:29	0°♈	
evening max el	-1908 Mar 17 j 15:35	26°♈10'54	45°20'44
	-1908 Mar 21 j 16:26	0°♉	
greatest brilliancy	-1908 Apr 24 j 06:35	23°♉42'13	-4.7m
retrograde	-1908 May 05 j 02:40	25°♉48'21	
evening set	-1908 May 20 j 01:49	21°♉30'13	
desc. node	-1908 May 22 j 23:27	19°♉51'10	
inferior conj	-1908 May 26 j 12:57	17°♉40'26	-0°49'43
minimum elong	-1908 May 26 j 11:07	17°♉43'16	0°49'09
min. Earth dist.	-1908 May 26 j 22:15	17°♉25'59	0.28894 AU
morning rise	-1908 Jun 01 j 20:00	13°♉54'51	
direct	-1908 Jun 17 j 05:59	9°♉21'48	
greatest brilliancy	-1908 Jun 28 j 03:32	11°♉29'26	-4.7m
	-1908 Jul 25 j 21:22	0°♊	
morning max el	-1908 Aug 05 j 16:10	10°♊01'33	46°11'53
	-1908 Aug 24 j 22:24	0°♋	
asc. node	-1908 Sep 13 j 00:53	21°♋29'25	
	-1908 Sep 20 j 07:52	0°♌	
	-1908 Oct 15 j 07:30	0°♍	
	-1908 Nov 08 j 15:46	0°♎	
	-1908 Dec 02 j 18:18	0°♏	
	-1908 Dec 26 j 20:14	0°♐	
desc. node	-1907 Jan 02 j 16:49	8°♐31'45	
	-1907 Jan 19 j 23:41	0°♑	
morning set	-1907 Feb 09 j 19:41	25°♑48'07	
	-1907 Feb 13 j 05:09	0°♒	
	-1907 Mar 09 j 12:32	0°♓	
superior conj	-1907 Mar 20 j 05:14	13°♓10'20	-1°11'56
minimum elong	-1907 Mar 20 j 13:40	13°♓36'17	1°11'43
max. Earth dist.	-1907 Mar 21 j 18:42	15°♓05'37	1.73378 AU
	-1907 Apr 02 j 21:41	0°♈	
asc. node	-1907 Apr 25 j 17:38	28°♈01'21	
evening rise	-1907 Apr 26 j 04:20	28°♈34'09	
	-1907 Apr 27 j 08:21	0°♉	
	-1907 May 21 j 20:15	0°♊	
	-1907 Jun 15 j 09:31	0°♋	
	-1907 Jul 10 j 01:08	0°♌	
	-1907 Aug 03 j 21:16	0°♍	
desc. node	-1907 Aug 15 j 09:09	13°♍45'45	
	-1907 Aug 29 j 01:33	0°♎	
	-1907 Sep 23 j 21:24	0°♏	
	-1907 Oct 21 j 06:27	0°♐	
evening max el	-1907 Oct 24 j 06:50	3°♐06'13	47°29'52
	-1907 Nov 24 j 07:45	0°♑	
greatest brilliancy	-1907 Dec 03 j 19:15	4°♑55'15	-4.9m
asc. node	-1907 Dec 06 j 09:57	5°♑49'32	
retrograde	-1907 Dec 14 j 09:40	7°♑04'51	
evening set	-1907 Dec 30 j 00:43	2°♑08'32	
	-1906 Jan 02 j 13:40	30°℞♐	
min. Earth dist.	-1906 Jan 03 j 02:35	29°♐39'49	0.27379 AU
inferior conj	-1906 Jan 04 j 05:17	28°♐57'56	6°25'31
minimum elong	-1906 Jan 03 j 19:37	29°♐13'07	6°23'29
morning rise	-1906 Jan 08 j 15:12	26°♐16'11	
direct	-1906 Jan 24 j 20:06	21°♐06'35	
greatest brilliancy	-1906 Feb 02 j 14:48	22°♐34'14	-4.8m
	-1906 Feb 17 j 02:43	0°♑	
morning max el	-1906 Mar 15 j 02:06	21°♑54'39	46°05'04
	-1906 Mar 23 j 06:11	0°♒	
desc. node	-1906 Mar 28 j 02:10	4°♒57'04	
	-1906 Apr 20 j 08:43	0°♓	
	-1906 May 16 j 19:23	0°♈	
	-1906 Jun 11 j 09:41	0°♉	
	-1906 Jul 06 j 09:43	0°♊	
asc. node	-1906 Jul 19 j 03:20	15°♊30'43	
	-1906 Jul 30 j 22:14	0°♋	
	-1906 Aug 24 j 01:44	0°♌	
morning set	-1906 Sep 08 j 04:00	18°♌55'21	
	-1906 Sep 16 j 23:24	0°♍	
	-1906 Oct 10 j 18:34	0°♎	
superior conj	-1906 Oct 17 j 17:22	8°♎45'45	0°47'00
minimum elong	-1906 Oct 18 j 03:45	9°♎18'26	0°46'34
max. Earth dist.	-1906 Oct 18 j 18:19	10°♎04'22	1.70949 AU
	-1906 Nov 03 j 13:54	0°♏	
desc. node	-1906 Nov 07 j 19:03	5°♏18'16	
	-1906 Nov 27 j 10:53	0°♐	
evening rise	-1906 Nov 28 j 20:14	1°♐44'33	
	-1906 Dec 21 j 10:26	0°♑	
	-1905 Jan 14 j 13:45	0°♒	
	-1905 Feb 07 j 23:09	0°♓	
asc. node	-1905 Feb 28 j 19:46	25°♓16'55	
	-1905 Mar 04 j 18:08	0°♈	
	-1905 Mar 30 j 03:54	0°♉	
	-1905 Apr 25 j 13:57	0°♊	
	-1905 May 24 j 02:25	0°♋	
evening max el	-1905 May 28 j 17:58	4°♋30'21	45°27'10
desc. node	-1905 Jun 20 j 11:26	23°♋42'28	
	-1905 Jun 30 j 20:22	0°♌	
greatest brilliancy	-1905 Jul 06 j 18:30	2°♌28'32	-4.8m
retrograde	-1905 Jul 16 j 11:30	4°♌09'49	
	-1905 Jul 31 j 07:00	30°℞♋	
evening set	-1905 Aug 02 j 20:30	28°♋34'17	
inferior conj	-1905 Aug 06 j 14:01	26°♋19'43	-8°27'13
minimum elong	-1905 Aug 06 j 08:11	26°♋28'38	8°26'41
min. Earth dist.	-1905 Aug 07 j 00:19	26°♋03'57	0.27892 AU
morning rise	-1905 Aug 09 j 19:39	24°♋22'04	
direct	-1905 Aug 27 j 18:56	18°♋20'13	
greatest brilliancy	-1905 Sep 07 j 17:36	20°♋32'49	-4.9m
	-1905 Sep 23 j 18:44	0°♌	
asc. node	-1905 Oct 11 j 12:28	15°♌30'45	
morning max el	-1905 Oct 17 j 08:48	21°♌20'24	46°49'02
	-1905 Oct 25 j 15:31	0°♍	
	-1905 Nov 21 j 07:07	0°♎	
	-1905 Dec 16 j 13:19	0°♏	
	-1904 Jan 10 j 08:08	0°♐	
desc. node	-1904 Jan 31 j 04:42	25°♐23'35	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1904 Feb 03 j 23:25	0°♉	
	-1904 Feb 28 j 13:42	0°♒	
	-1904 Mar 24 j 03:35	0°♓	
	-1904 Apr 17 j 16:48	0°♈	
morning set	-1904 Apr 20 j 17:29	3°♈42'18	
	-1904 May 12 j 04:41	0°♉	
asc. node	-1904 May 23 j 05:36	13°♉33'15	
max. Earth dist.	-1904 May 24 j 07:56	14°♉54'09	1.73566 AU
superior conj	-1904 May 26 j 20:42	18°♉00'53	0°08'34
minimum elong	-1904 May 26 j 19:00	17°♉55'39	0°08'31
behind sun begin	-1904 May 26 j 00:08	16°♉57'39	
behind sun end	-1904 May 27 j 13:52	18°♉53'39	
	-1904 Jun 05 j 14:26	0°♊	
	-1904 Jun 29 j 21:41	0°♋	
evening rise	-1904 Jul 01 j 12:19	1°♋59'26	
	-1904 Jul 24 j 03:04	0°♌	
	-1904 Aug 17 j 08:04	0°♍	
	-1904 Sep 10 j 14:28	0°♎	
desc. node	-1904 Sep 11 j 21:11	1°♎34'44	
	-1904 Oct 05 j 00:04	0°♏	
	-1904 Oct 29 j 15:33	0°♐	
	-1904 Nov 23 j 19:20	0°♑	
	-1904 Dec 20 j 04:39	0°♒	
asc. node	-1903 Jan 02 j 21:55	14°♒27'21	
evening max el	-1903 Jan 03 j 09:51	14°♒57'29	46°32'07
	-1903 Jan 19 j 10:26	0°♓	
greatest brilliancy	-1903 Feb 11 j 19:35	15°♓14'37	-4.8m
retrograde	-1903 Feb 22 j 12:13	17°♓22'32	
evening set	-1903 Mar 11 j 22:27	11°♓30'56	
inferior conj	-1903 Mar 15 j 21:31	9°♓01'44	7°27'45
minimum elong	-1903 Mar 16 j 05:06	8°♓49'39	7°26'45
min. Earth dist.	-1903 Mar 15 j 22:33	9°♓00'06	0.29038 AU
morning rise	-1903 Mar 20 j 11:54	6°♓09'40	
direct	-1903 Apr 06 j 09:14	0°♓41'45	
greatest brilliancy	-1903 Apr 16 j 03:55	2°♓25'25	-4.7m
desc. node	-1903 Apr 24 j 13:39	6°♓14'10	
	-1903 May 24 j 16:43	0°♈	
morning max el	-1903 May 25 j 03:13	0°♈24'57	45°46'41
	-1903 Jun 22 j 19:58	0°♉	
	-1903 Jul 19 j 09:50	0°♊	
	-1903 Aug 13 j 17:50	0°♋	
asc. node	-1903 Aug 15 j 15:09	2°♋16'42	
	-1903 Sep 07 j 07:20	0°♌	
	-1903 Oct 01 j 09:36	0°♍	
	-1903 Oct 25 j 06:28	0°♎	
	-1903 Nov 18 j 02:11	0°♏	
morning set	-1903 Nov 22 j 16:22	5°♏46'36	
desc. node	-1903 Dec 05 j 07:00	21°♏37'32	
	-1903 Dec 11 j 23:12	0°♐	
superior conj	-1902 Jan 03 j 18:47	28°♐33'24	-1°01'55
minimum elong	-1902 Jan 03 j 07:18	27°♐57'32	1°01'35
	-1902 Jan 04 j 22:32	0°♑	
max. Earth dist.	-1902 Jan 08 j 03:13	3°♑59'15	1.71820 AU
	-1902 Jan 29 j 00:42	0°♒	
evening rise	-1902 Feb 12 j 23:52	18°♒32'52	
	-1902 Feb 22 j 06:20	0°♓	
	-1902 Mar 18 j 16:21	0°♈	
asc. node	-1902 Mar 28 j 07:44	11°♈46'24	
	-1902 Apr 12 j 07:51	0°♉	
	-1902 May 07 j 06:12	0°♊	
	-1902 Jun 01 j 13:55	0°♋	
	-1902 Jun 27 j 12:49	0°♌	
desc. node	-1902 Jul 17 j 23:14	22°♌43'46	
	-1902 Jul 24 j 17:43	0°♍	
evening max el	-1902 Aug 09 j 22:40	16°♍35'01	46°43'43
	-1902 Aug 24 j 12:04	0°♎	
greatest brilliancy	-1902 Sep 19 j 21:53	16°♎47'06	-4.9m
retrograde	-1902 Sep 29 j 00:15	18°♎20'51	
evening set	-1902 Oct 14 j 11:43	13°♎41'34	
inferior conj	-1902 Oct 19 j 14:04	10°♎41'49	-4°46'44
minimum elong	-1902 Oct 19 j 23:37	10°♎27'21	4°44'06
min. Earth dist.	-1902 Oct 19 j 21:57	10°♎29'52	0.26428 AU
morning rise	-1902 Oct 25 j 11:12	7°♎16'03	
asc. node	-1902 Nov 08 j 00:10	3°♎06'21	
direct	-1902 Nov 08 j 21:35	3°♎05'22	
greatest brilliancy	-1902 Nov 19 j 10:17	5°♎11'56	-4.9m
	-1902 Dec 23 j 02:17	0°♏	
morning max el	-1902 Dec 29 j 10:30	6°♏15'28	46°45'42
	-1901 Jan 20 j 18:00	0°♐	
	-1901 Feb 16 j 04:41	0°♑	
desc. node	-1901 Feb 27 j 16:32	13°♑21'33	
	-1901 Mar 13 j 20:35	0°♒	
	-1901 Apr 08 j 03:08	0°♓	
	-1901 May 03 j 03:21	0°♈	
	-1901 May 27 j 21:54	0°♉	
asc. node	-1901 Jun 20 j 17:36	29°♉07'53	
	-1901 Jun 21 j 10:34	0°♊	
morning set	-1901 Jun 27 j 18:25	7°♊47'15	
	-1901 Jul 15 j 17:22	0°♋	
max. Earth dist.	-1901 Jul 30 j 09:57	18°♋16'34	1.72200 AU
superior conj	-1901 Aug 03 j 09:17	23°♋13'58	1°19'24
minimum elong	-1901 Aug 03 j 03:28	22°♋55'45	1°19'20
	-1901 Aug 08 j 19:18	0°♌	
	-1901 Sep 01 j 18:17	0°♍	
evening rise	-1901 Sep 10 j 05:22	10°♍36'45	
	-1901 Sep 25 j 16:30	0°♎	
desc. node	-1901 Oct 10 j 09:11	18°♎24'29	
	-1901 Oct 19 j 15:38	0°♏	
	-1901 Nov 12 j 17:01	0°♐	
	-1901 Dec 06 j 22:25	0°♑	
	-1901 Dec 31 j 11:33	0°♒	
	-1900 Jan 25 j 15:48	0°♓	
asc. node	-1900 Jan 31 j 09:45	6°♓41'04	
	-1900 Feb 21 j 02:31	0°♈	
evening max el	-1900 Mar 15 j 08:13	24°♈02'29	45°22'07
	-1900 Mar 21 j 16:50	0°♉	
greatest brilliancy	-1900 Apr 21 j 22:14	21°♉33'30	-4.7m
retrograde	-1900 May 02 j 19:12	23°♉40'01	
evening set	-1900 May 17 j 18:31	19°♉21'10	
desc. node	-1900 May 22 j 01:39	16°♉51'08	
inferior conj	-1900 May 24 j 05:08	15°♉31'32	-0°29'56
minimum elong	-1900 May 24 j 04:02	15°♉33'15	0°29'35
min. Earth dist.	-1900 May 24 j 14:20	15°♉17'14	0.28914 AU
morning rise	-1900 May 30 j 13:13	11°♉44'30	
direct	-1900 Jun 14 j 22:53	7°♉12'41	
greatest brilliancy	-1900 Jun 25 j 18:48	9°♉19'08	-4.7m
	-1900 Jul 26 j 00:08	0°♊	
morning max el	-1900 Aug 03 j 08:26	7°♊50'48	46°10'32
	-1900 Aug 24 j 15:10	0°♋	
asc. node	-1900 Sep 12 j 02:55	20°♋53'25	
	-1900 Sep 19 j 21:46	0°♌	
	-1900 Oct 14 j 20:10	0°♍	
	-1900 Nov 08 j 03:47	0°♎	
	-1900 Dec 02 j 05:56	0°♏	
	-1900 Dec 26 j 07:36	0°♐	
desc. node	-1899 Jan 01 j 18:58	8°♐03'23	
	-1899 Jan 19 j 10:49	0°♑	
morning set	-1899 Feb 07 j 08:43	23°♑26'06	
	-1899 Feb 12 j 16:05	0°♒	
	-1899 Mar 08 j 23:18	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1899 Mar 17 j 21:28	10°♓59'33	-1°13'36
minimum elong	-1899 Mar 18 j 05:36	11°♓24'35	1°13'26
max. Earth dist.	-1899 Mar 19 j 16:18	13°♓11'20	1.73343 AU
	-1899 Apr 02 j 08:23	0°♈	
evening rise	-1899 Apr 23 j 22:38	26°♈30'11	
asc. node	-1899 Apr 24 j 19:45	27°♈34'52	
	-1899 Apr 26 j 19:06	0°♉	
	-1899 May 21 j 07:12	0°♊	
	-1899 Jun 14 j 20:48	0°♋	
	-1899 Jul 09 j 12:55	0°♌	
	-1899 Aug 03 j 09:48	0°♍	
desc. node	-1899 Aug 14 j 11:12	13°♍12'58	
	-1899 Aug 28 j 15:20	0°♎	
	-1899 Sep 23 j 13:31	0°♏	
	-1899 Oct 21 j 04:14	0°♐	
evening max el	-1899 Oct 21 j 22:31	0°♐46'41	47°30'01
	-1899 Nov 25 j 23:36	0°♑	
greatest brilliancy	-1899 Dec 01 j 10:26	2°♑32'22	-4.9m
asc. node	-1899 Dec 05 j 12:09	3°♑50'34	
retrograde	-1899 Dec 12 j 00:23	4°♑40'53	
evening set	-1899 Dec 27 j 11:51	29°♐49'59	
	-1899 Dec 27 j 04:51	30°℞♐	
min. Earth dist.	-1899 Dec 31 j 16:32	27°♐17'08	0.27305 AU
inferior conj	-1898 Jan 01 j 19:14	26°♐35'14	6°10'35
minimum elong	-1898 Jan 01 j 09:30	26°♐50'30	6°08'27
morning rise	-1898 Jan 06 j 07:55	23°♐49'30	