Attention, astronomical year style is used: The year -6400 in astronomical counting style is the year 6401 BCE in historical counting style.

morning rise	-6400 Jan 04	j 09:06	17°♏58'39	
	-6400 Feb 28	j 18:20	0°♐	
retrograde	-6400 May 15	j 08:07	8°♐08'28	
opposition	-6400 Jul 14	j 14:39	3°♐04'42	-1°35'52
min. Earth dist.	-6400 Jul 13	j 15:13	3°♐12'36	4.03224 AU
	-6400 Aug 08	j 10:32	30°℞♏	
direct	-6400 Sep 10	j 17:37	28°♏10'09	
	-6400 Oct 13	j 22:28	0°♐	
evening set	-6399 Jan 13	j 07:49	17°♐21'36	
conjunction	-6399 Jan 26	j 18:59	20°♐31'48	-1°19'27
minimum elong	-6399 Jan 26	j 18:55	20°♐31'46	1°19'51
max. Earth dist.	-6399 Jan 28	j 11:23	20°♐55'38	6.03817 AU
morning rise	-6399 Feb 09	j 09:04	23°♐43'30	
	-6399 Mar 08	j 23:13	0°♑	
retrograde	-6399 Jun 20	j 15:18	13°♑45'54	
min. Earth dist.	-6399 Aug 18	j 04:55	8°♑49'41	4.06126 AU
opposition	-6399 Aug 19	j 07:09	8°♑40'44	-2°11'13
direct	-6399 Oct 16	j 10:59	3°♑43'01	
evening set	-6398 Feb 19	j 08:52	22°♑52'34	
conjunction	-6398 Mar 05	j 01:11	26°♑02'25	-1°27'41
minimum elong	-6398 Mar 05	j 01:13	26°♑02'26	1°28'03
max. Earth dist.	-6398 Mar 06	j 17:21	26°♑25'40	6.09439 AU
morning rise	-6398 Mar 18	j 19:03	29°♑12'53	
	-6398 Mar 22	j 05:17	0°♒	
	-6398 Jun 07	j 03:29	15°♒	
retrograde	-6398 Jul 25	j 08:28	18°♒34'20	
	-6398 Sep 11	j 14:06	15°℞♒	
opposition	-6398 Sep 22	j 16:19	13°♒30'23	-1°58'09
min. Earth dist.	-6398 Sep 21	j 18:56	13°♒37'41	4.13880 AU
direct	-6398 Nov 20	j 13:37	8°♒29'18	
	-6397 Jan 26	j 15:29	15°♒	
evening set	-6397 Mar 27	j 19:47	27°♒22'51	
	-6397 Apr 08	j 09:46	0°♓	
conjunction	-6397 Apr 10	j 13:51	0°♓29'31	-1°04'37
minimum elong	-6397 Apr 10	j 13:56	0°♓29'34	1°04'51
max. Earth dist.	-6397 Apr 11	j 13:25	0°♓42'52	6.18679 AU
morning rise	-6397 Apr 24	j 07:32	3°♓35'45	
retrograde	-6397 Aug 27	j 10:06	22°♓01'47	
opposition	-6397 Oct 25	j 15:59	17°♓01'03	-1°05'46
min. Earth dist.	-6397 Oct 25	j 07:53	17°♓03'47	4.23592 AU
direct	-6397 Dec 24	j 20:02	11°♓57'38	
	-6396 Apr 28	j 16:02	0°♈	
evening set	-6396 Apr 30	j 20:37	0°♈29'00	
conjunction	-6396 May 14	j 11:38	3°♈30'28	-0°20'55
minimum elong	-6396 May 14	j 11:40	3°♈30'29	0°20'57
max. Earth dist.	-6396 May 14	j 13:44	3°♈31'38	6.28196 AU
morning rise	-6396 May 28	j 00:03	6°♈30'34	
retrograde	-6396 Sep 27	j 02:17	24°♈08'28	
asc. node	-6396 Oct 29	j 17:56	22°♈26'47	
opposition	-6396 Nov 25	j 15:08	19°♈11'39	0°04'57
min. Earth dist.	-6396 Nov 25	j 20:40	19°♈09'48	4.32073 AU
direct	-6395 Jan 25	j 23:58	14°♈07'38	
	-6395 May 23	j 13:14	0°♉	
evening set	-6395 Jun 03	j 06:44	2°♉19'33	
conjunction	-6395 Jun 16	j 13:39	5°♉14'57	0°28'03
minimum elong	-6395 Jun 16	j 13:36	5°♉14'56	0°28'15
max. Earth dist.	-6395 Jun 15	j 17:13	5°♉03'41	6.35015 AU
morning rise	-6395 Jun 29	j 17:17	8°♉08'38	
	-6395 Aug 01	j 05:10	15°♉	
retrograde	-6395 Oct 28	j 06:05	25°♉19'11	
opposition	-6395 Dec 27	j 04:57	20°♉25'40	1°12'10
min. Earth dist.	-6395 Dec 28	j 00:21	20°♉19'22	4.36817 AU
direct	-6394 Feb 27	j 12:36	15°♉22'34	
	-6394 Jun 19	j 16:01	0°♊	
evening set	-6394 Jul 05	j 08:42	3°♊23'23	
max. Earth dist.	-6394 Jul 16	j 19:53	5°♊54'56	6.37222 AU
conjunction	-6394 Jul 18	j 05:59	6°♊13'47	1°08'04
minimum elong	-6394 Jul 18	j 05:55	6°♊13'44	1°08'25
morning rise	-6394 Jul 30	j 23:55	9°♊02'35	
retrograde	-6394 Nov 28	j 12:41	26°♊10'49	
opposition	-6393 Jan 28	j 01:27	21°♊19'09	1°58'21
min. Earth dist.	-6393 Jan 29	j 03:40	21°♊10'45	4.36503 AU
direct	-6393 Mar 31	j 15:47	16°♊18'12	
	-6393 Jul 16	j 21:03	0°♋	
evening set	-6393 Aug 05	j 15:31	4°♋17'51	
max. Earth dist.	-6393 Aug 16	j 14:50	6°♋44'38	6.34288 AU
conjunction	-6393 Aug 18	j 05:02	7°♋06'01	1°28'39
minimum elong	-6393 Aug 18	j 05:00	7°♋06'00	1°29'03
morning rise	-6393 Aug 30	j 16:21	9°♋53'13	
retrograde	-6393 Dec 30	j 20:34	27°♋23'10	
opposition	-6392 Feb 29	j 19:49	22°♋31'31	2°11'16
min. Earth dist.	-6392 Mar 01	j 23:01	22°♋22'54	4.31208 AU
direct	-6392 May 02	j 02:24	17°♋33'26	
	-6392 Aug 09	j 22:18	0°♌	
evening set	-6392 Sep 04	j 19:31	5°♌40'54	
max. Earth dist.	-6392 Sep 15	j 21:44	8°♌12'10	6.27009 AU
conjunction	-6392 Sep 17	j 06:24	8°♌30'47	1°23'40
minimum elong	-6392 Sep 17	j 06:26	8°♌30'49	1°24'01
morning rise	-6392 Sep 29	j 16:51	11°♌20'35	
	-6392 Oct 16	j 01:43	15°♌	
retrograde	-6391 Feb 01	j 14:41	29°♌31'30	
opposition	-6391 Apr 03	j 20:39	24°♌37'54	1°45'01
min. Earth dist.	-6391 Apr 04	j 14:35	24°♌32'11	4.22387 AU
direct	-6391 Jun 04	j 03:15	19°♌42'39	
	-6391 Aug 30	j 21:07	0°♍	
evening set	-6391 Oct 06	j 15:58	8°♍05'21	
conjunction	-6391 Oct 19	j 06:01	11°♍00'32	0°52'47
minimum elong	-6391 Oct 19	j 06:05	11°♍00'34	0°52'57
max. Earth dist.	-6391 Oct 18	j 14:40	10°♍51'36	6.17466 AU
morning rise	-6391 Oct 31	j 21:12	13°♍56'32	
	-6390 Jan 23	j 04:46	0°♎	
retrograde	-6390 Mar 09	j 01:05	2°♎58'21	
	-6390 Apr 23	j 10:29	30°℞♍	
opposition	-6390 May 09	j 04:52	28°♍01'24	0°43'26
min. Earth dist.	-6390 May 09	j 08:49	28°♍00'07	4.12734 AU
direct	-6390 Jul 08	j 05:19	23°♍08'09	
	-6390 Sep 14	j 16:55	0°♎	
evening set	-6390 Nov 08	j 22:24	11°♎50'24	
conjunction	-6390 Nov 21	j 19:17	14°♎52'26	0°03'32
minimum elong	-6390 Nov 21	j 19:18	14°♎52'26	0°03'28
behind sun begin	-6390 Nov 21	j 11:16	14°♎47'43	
behind sun end	-6390 Nov 22	j 03:21	14°♎57'10	
max. Earth dist.	-6390 Nov 22	j 01:13	14°♎55'54	6.08647 AU
morning rise	-6390 Dec 04	j 19:09	17°♎56'07	
desc. node	-6390 Dec 17	j 16:22	20°♎55'30	
	-6389 Jan 29	j 20:27	0°♏	
retrograde	-6389 Apr 14	j 15:08	7°♏44'01	
opposition	-6389 Jun 14	j 10:17	2°♏43'03	-0°35'52
min. Earth dist.	-6389 Jun 13	j 20:43	2°♏47'32	4.05529 AU
	-6389 Jul 06	j 07:20	30°℞♎	

Attention, astronomical year style is used: The year -6389 in astronomical counting style is the year 6390 BCE in historical counting style.

direct	-6389 Aug 12 j 04:37	27°♎50'01	
	-6389 Sep 17 j 15:50	0°♏	
	-6389 Dec 06 j 02:35	15°♏	
evening set	-6389 Dec 13 j 23:52	16°♏50'58	
conjunction	-6389 Dec 27 j 04:54	19°♏58'42	-0°48'16
minimum elong	-6389 Dec 27 j 04:50	19°♏58'39	0°48'34
max. Earth dist.	-6389 Dec 28 j 10:01	20°♏15'58	6.03692 AU
morning rise	-6388 Jan 09 j 13:16	23°♏08'14	
	-6388 Feb 08 j 15:41	0°♐	
retrograde	-6388 May 20 j 13:45	13°♐18'49	
opposition	-6388 Jul 19 j 17:30	8°♐14'39	-1°43'34
min. Earth dist.	-6388 Jul 18 j 17:33	8°♐22'44	4.03442 AU
direct	-6388 Sep 15 j 20:14	3°♐19'44	
evening set	-6387 Jan 18 j 13:04	22°♐30'59	
conjunction	-6387 Feb 01 j 00:58	25°♐41'11	-1°22'36
minimum elong	-6387 Feb 01 j 00:55	25°♐41'09	1°23'01
max. Earth dist.	-6387 Feb 02 j 18:44	26°♐05'45	6.04516 AU
morning rise	-6387 Feb 14 j 15:45	28°♐52'48	
	-6387 Feb 19 j 11:22	0°♑	
retrograde	-6387 Jun 25 j 14:00	18°♑50'05	
min. Earth dist.	-6387 Aug 23 j 02:20	13°♑54'06	4.07241 AU
opposition	-6387 Aug 24 j 05:08	13°♑44'57	-2°12'16
direct	-6387 Oct 21 j 09:51	8°♑46'48	
evening set	-6386 Feb 24 j 12:52	27°♑53'50	
	-6386 Mar 05 j 16:01	0°♒	
conjunction	-6386 Mar 10 j 05:31	1°♒03'13	-1°26'11
minimum elong	-6386 Mar 10 j 05:33	1°♒03'14	1°26'34
max. Earth dist.	-6386 Mar 11 j 19:05	1°♒24'54	6.10848 AU
morning rise	-6386 Mar 23 j 23:35	4°♒13'07	
	-6386 May 13 j 11:17	15°♒	
retrograde	-6386 Jul 30 j 01:44	23°♒26'18	
opposition	-6386 Sep 27 j 08:38	18°♒22'44	-1°52'45
min. Earth dist.	-6386 Sep 26 j 13:35	18°♒29'14	4.15422 AU
	-6386 Oct 24 j 16:21	15°℞♒	
direct	-6386 Nov 25 j 11:10	13°♒21'15	
	-6386 Dec 27 j 13:50	15°♒	
	-6385 Mar 22 j 23:33	0°♓	
evening set	-6385 Apr 01 j 18:48	2°♓11'05	
conjunction	-6385 Apr 15 j 12:53	5°♓17'05	-0°59'26
minimum elong	-6385 Apr 15 j 12:57	5°♓17'07	0°59'38
max. Earth dist.	-6385 Apr 16 j 10:43	5°♓29'25	6.20250 AU
morning rise	-6385 Apr 29 j 05:57	8°♓22'26	
retrograde	-6385 Aug 31 j 20:51	26°♓40'27	
opposition	-6385 Oct 30 j 03:33	21°♓40'19	-0°56'30
min. Earth dist.	-6385 Oct 29 j 20:54	21°♓42'33	4.25050 AU
direct	-6385 Dec 29 j 11:00	16°♓36'47	
	-6384 Apr 12 j 00:20	0°♈	
evening set	-6384 May 05 j 13:55	5°♈04'46	
conjunction	-6384 May 19 j 03:53	8°♈05'20	-0°14'07
minimum elong	-6384 May 19 j 03:54	8°♈05'21	0°14'06
behind sun begin	-6384 May 19 j 00:02	8°♈03'13	
behind sun end	-6384 May 19 j 07:45	8°♈07'29	
max. Earth dist.	-6384 May 19 j 01:03	8°♈03'47	6.29434 AU
morning rise	-6384 Jun 01 j 15:23	11°♈04'31	
asc. node	-6384 Sep 09 j 12:52	27°♈50'43	
retrograde	-6384 Oct 01 j 11:14	28°♈37'12	
opposition	-6384 Nov 30 j 00:18	23°♈40'55	0°14'55
min. Earth dist.	-6384 Nov 30 j 08:57	23°♈38'04	4.33009 AU
direct	-6383 Jan 30 j 13:32	18°♈36'56	
	-6383 May 06 j 14:40	0°♉	
evening set	-6383 Jun 07 j 18:58	6°♉46'52	
max. Earth dist.	-6383 Jun 20 j 02:45	9°♉29'25	6.35575 AU
conjunction	-6383 Jun 21 j 00:44	9°♉41'32	0°34'24
minimum elong	-6383 Jun 21 j 00:41	9°♉41'30	0°34'37
morning rise	-6383 Jul 04 j 02:52	12°♉34'25	
	-6383 Jul 15 j 07:05	15°♉	
retrograde	-6383 Nov 01 j 12:43	29°♉43'24	
opposition	-6383 Dec 31 j 14:00	24°♉50'15	1°20'10
min. Earth dist.	-6382 Jan 01 j 10:03	24°♉43'45	4.36997 AU
direct	-6382 Mar 03 j 22:14	19°♉47'25	
	-6382 Jun 02 j 10:37	0°♊	
evening set	-6382 Jul 09 j 17:53	7°♊47'57	
max. Earth dist.	-6382 Jul 21 j 01:46	10°♊17'56	6.36991 AU
conjunction	-6382 Jul 22 j 13:48	10°♊37'53	1°12'16
minimum elong	-6382 Jul 22 j 13:45	10°♊37'51	1°12'39
morning rise	-6382 Aug 04 j 06:42	13°♊26'20	
	-6382 Nov 13 j 05:17	0°♋	
retrograde	-6382 Dec 03 j 00:19	0°♋36'43	
	-6382 Dec 22 j 18:15	30°℞♊	
opposition	-6381 Feb 01 j 13:27	25°♊45'12	2°02'21
min. Earth dist.	-6381 Feb 02 j 17:13	25°♊36'20	4.35895 AU
direct	-6381 Apr 05 j 04:14	20°♊44'38	
	-6381 Jun 29 j 05:02	0°♋	
evening set	-6381 Aug 09 j 23:38	8°♋45'26	
max. Earth dist.	-6381 Aug 20 j 22:18	11°♋12'16	6.33340 AU
conjunction	-6381 Aug 22 j 12:32	11°♋33'42	1°29'33
minimum elong	-6381 Aug 22 j 12:31	11°♋33'42	1°29'57
morning rise	-6381 Sep 03 j 23:24	14°♋21'05	
	-6381 Nov 29 j 15:30	0°♌	
retrograde	-6380 Jan 04 j 11:01	1°♌56'18	
	-6380 Feb 09 j 16:15	30°℞♋	
opposition	-6380 Mar 05 j 12:05	27°♋04'28	2°09'59
min. Earth dist.	-6380 Mar 06 j 13:29	26°♋56'24	4.30011 AU
direct	-6380 May 06 j 15:02	22°♋06'51	
	-6380 Jul 22 j 07:14	0°♌	
evening set	-6380 Sep 09 j 05:28	10°♌16'31	
max. Earth dist.	-6380 Sep 20 j 10:47	12°♌50'00	6.25686 AU
conjunction	-6380 Sep 21 j 16:29	13°♌06'59	1°20'49
minimum elong	-6380 Sep 21 j 16:32	13°♌07'01	1°21'09
	-6380 Sep 29 j 22:14	15°♌	
morning rise	-6380 Oct 04 j 03:10	15°♌57'28	
	-6380 Dec 14 j 05:16	0°♍	
retrograde	-6379 Feb 06 j 12:18	4°♍15'15	
	-6379 Apr 03 j 16:03	30°℞♌	
opposition	-6379 Apr 08 j 17:51	29°♌21'17	1°38'15
min. Earth dist.	-6379 Apr 09 j 10:39	29°♌15'56	4.21032 AU
direct	-6379 Jun 08 j 21:32	24°♌26'25	
	-6379 Aug 09 j 22:32	0°♍	
evening set	-6379 Oct 11 j 05:43	12°♍51'29	
conjunction	-6379 Oct 23 j 20:28	15°♍47'32	0°46'43
minimum elong	-6379 Oct 23 j 20:31	15°♍47'34	0°46'51
max. Earth dist.	-6379 Oct 23 j 07:23	15°♍39'54	6.16219 AU
morning rise	-6379 Nov 05 j 12:49	18°♍44'34	
	-6379 Dec 28 j 04:26	0°♎	
retrograde	-6378 Mar 14 j 01:05	7°♎52'50	
opposition	-6378 May 14 j 05:30	2°♎55'17	0°32'50
min. Earth dist.	-6378 May 14 j 05:44	2°♎55'13	4.11706 AU
	-6378 Jun 07 j 10:43	30°℞♍	
direct	-6378 Jul 13 j 00:52	28°♍02'11	
	-6378 Aug 17 j 04:30	0°♎	
desc. node	-6378 Oct 27 j 11:33	12°♎47'17	
evening set	-6378 Nov 13 j 17:07	16°♎46'17	
conjunction	-6378 Nov 26 j 15:10	19°♎49'07	-0°04'06
minimum elong	-6378 Nov 26 j 15:09	19°♎49'07	0°04'12

Attention, astronomical year style is used: The year -6378 in astronomical counting style is the year 6379 BCE in historical counting style.

behind sun begin	-6378 Nov 26 j 07:10	19°♎44'25		
behind sun end	-6378 Nov 26 j 23:09	19°♎53'49		
max. Earth dist.	-6378 Nov 27 j 01:41	19°♎55'19	6.07935 AU	
morning rise	-6378 Dec 09 j 16:04	22°♎53'36		
	-6377 Jan 10 j 00:36	0°♏		
retrograde	-6377 Apr 19 j 18:50	12°♏45'13		
opposition	-6377 Jun 19 j 11:40	7°♏43'41	-0°46'38	
min. Earth dist.	-6377 Jun 18 j 20:55	7°♏48'34	4.05199 AU	
direct	-6377 Aug 17 j 04:13	2°♏50'27		
	-6377 Nov 18 j 21:11	15°♏		
evening set	-6377 Dec 18 j 23:22	21°♏52'11		
conjunction	-6376 Jan 01 j 05:18	25°♏00'15	-0°54'27	
minimum elong	-6376 Jan 01 j 05:14	25°♏00'12	0°54'45	
max. Earth dist.	-6376 Jan 02 j 12:42	25°♏18'51	6.03751 AU	
morning rise	-6376 Jan 14 j 14:42	28°♏10'09		
	-6376 Jan 22 j 10:41	0°♐		
retrograde	-6376 May 25 j 12:59	18°♐19'42		
opposition	-6376 Jul 24 j 15:58	13°♐15'16	-1°50'12	
min. Earth dist.	-6376 Jul 23 j 14:35	13°♐23'50	4.03914 AU	
direct	-6376 Sep 20 j 17:23	8°♐19'56		
evening set	-6375 Jan 23 j 14:39	27°♐30'26		
	-6375 Feb 03 j 06:08	0°♑		
conjunction	-6375 Feb 06 j 03:13	0°♑40'33	-1°25'02	
minimum elong	-6375 Feb 06 j 03:11	0°♑40'31	1°25'26	
max. Earth dist.	-6375 Feb 07 j 20:05	1°♑04'31	6.05322 AU	
morning rise	-6375 Feb 19 j 18:37	3°♑52'00		
retrograde	-6375 Jun 30 j 09:11	23°♑44'00		
opposition	-6375 Aug 28 j 23:04	18°♑38'55	-2°12'19	
min. Earth dist.	-6375 Aug 27 j 21:33	18°♑47'38	4.08287 AU	
direct	-6375 Oct 26 j 06:59	13°♑40'13		
	-6374 Feb 17 j 09:40	0°♒		
evening set	-6374 Mar 01 j 12:42	2°♒45'05		
conjunction	-6374 Mar 15 j 05:56	5°♒54'09	-1°24'08	
minimum elong	-6374 Mar 15 j 05:59	5°♒54'11	1°24'30	
max. Earth dist.	-6374 Mar 16 j 18:51	6°♒15'24	6.12054 AU	
morning rise	-6374 Mar 29 j 00:01	9°♒03'32		
	-6374 Apr 24 j 17:43	15°♒		
retrograde	-6374 Aug 03 j 15:55	28°♒09'29		
opposition	-6374 Oct 01 j 21:48	23°♒06'20	-1°46'49	
min. Earth dist.	-6374 Oct 01 j 04:13	23°♒12'19	4.16659 AU	
direct	-6374 Nov 30 j 03:11	18°♒04'31		
	-6373 Mar 05 j 22:53	0°♓		
evening set	-6373 Apr 06 j 15:01	6°♓51'49		
conjunction	-6373 Apr 20 j 08:44	9°♓57'13	-0°54'00	
minimum elong	-6373 Apr 20 j 08:49	9°♓57'15	0°54'11	
max. Earth dist.	-6373 Apr 21 j 01:41	10°♓06'45	6.21426 AU	
morning rise	-6373 May 04 j 01:33	13°♓01'55		
	-6373 Aug 08 j 16:27	0°♈		
retrograde	-6373 Sep 05 j 06:22	1°♈13'37		
	-6373 Oct 02 j 15:28	30°℞♓		
opposition	-6373 Nov 03 j 13:25	26°♓14'00	-0°47'08	
min. Earth dist.	-6373 Nov 03 j 09:21	26°♓15'22	4.26062 AU	
direct	-6372 Jan 03 j 01:07	21°♓10'17		
	-6372 Mar 24 j 20:00	0°♈		
evening set	-6372 May 10 j 05:35	9°♈36'25		
conjunction	-6372 May 23 j 18:51	12°♈36'21	-0°07'20	
minimum elong	-6372 May 23 j 18:52	12°♈36'22	0°07'16	
behind sun begin	-6372 May 23 j 11:20	12°♈32'12		
behind sun end	-6372 May 24 j 02:24	12°♈40'32		
max. Earth dist.	-6372 May 23 j 14:17	12°♈33'51	6.30234 AU	
morning rise	-6372 Jun 06 j 05:09	15°♈34'46		
asc. node	-6372 Jul 21 j 11:10	24°♈56'37		
	-6372 Aug 22 j 02:01	0°♉		
retrograde	-6372 Oct 05 j 18:41	3°♉03'47		
	-6372 Nov 19 j 20:20	30°℞♈		
opposition	-6372 Dec 04 j 09:07	28°♈08'03	0°24'42	
min. Earth dist.	-6372 Dec 04 j 18:56	28°♈04'49	4.33550 AU	
direct	-6371 Feb 04 j 00:32	23°♈04'13		
	-6371 Apr 17 j 06:22	0°♉		
evening set	-6371 Jun 12 j 06:55	11°♉13'17		
max. Earth dist.	-6371 Jun 24 j 09:45	13°♉53'14	6.35810 AU	
conjunction	-6371 Jun 25 j 11:14	14°♉07'18	0°40'31	
minimum elong	-6371 Jun 25 j 11:11	14°♉07'16	0°40'46	
	-6371 Jun 29 j 10:49	15°♉		
morning rise	-6371 Jul 08 j 12:16	16°♉59'35		
	-6371 Sep 14 j 02:41	0°♊		
retrograde	-6371 Nov 05 j 22:17	4°♊08'11		
	-6371 Dec 30 j 05:33	30°℞♉		
opposition	-6370 Jan 05 j 00:15	29°♉15'22	1°27'42	
min. Earth dist.	-6370 Jan 05 j 22:09	29°♉08'17	4.36940 AU	
direct	-6370 Mar 08 j 10:36	24°♉12'48		
	-6370 May 13 j 02:09	0°♊		
evening set	-6370 Jul 14 j 03:14	12°♊13'27		
max. Earth dist.	-6370 Jul 25 j 10:33	14°♊43'20	6.36639 AU	
conjunction	-6370 Jul 26 j 22:08	15°♊03'03	1°16'03	
minimum elong	-6370 Jul 26 j 22:04	15°♊03'01	1°16'27	
morning rise	-6370 Aug 08 j 13:48	17°♊51'10		
	-6370 Oct 09 j 04:35	0°♋		
retrograde	-6370 Dec 07 j 10:31	5°♋04'03		
opposition	-6369 Feb 06 j 02:21	0°♋12'35	2°05'38	
min. Earth dist.	-6369 Feb 07 j 05:03	0°♋04'04	4.35297 AU	
	-6369 Feb 07 j 17:50	30°℞♊		
direct	-6369 Apr 09 j 15:26	25°♊12'29		
	-6369 Jun 07 j 15:34	0°♋		
evening set	-6369 Aug 14 j 08:19	13°♋14'05		
max. Earth dist.	-6369 Aug 25 j 06:55	15°♋41'14	6.32534 AU	
conjunction	-6369 Aug 26 j 20:30	16°♋02'22	1°29'55	
minimum elong	-6369 Aug 26 j 20:29	16°♋02'22	1°30'19	
morning rise	-6369 Sep 08 j 07:01	18°♋49'55		
	-6369 Nov 01 j 22:27	0°♌		
retrograde	-6368 Jan 09 j 03:35	6°♌29'50		
opposition	-6368 Mar 10 j 04:59	1°♌37'49	2°07'51	
min. Earth dist.	-6368 Mar 11 j 06:15	1°♌29'48	4.29028 AU	
	-6368 Mar 23 j 06:56	30°℞♋		
direct	-6368 May 11 j 06:39	26°♋40'36		
	-6368 Jun 28 j 03:32	0°♌		
evening set	-6368 Sep 13 j 14:57	14°♌51'29		
	-6368 Sep 14 j 05:56	15°♌		
max. Earth dist.	-6368 Sep 24 j 22:21	17°♌26'32	6.24601 AU	
conjunction	-6368 Sep 26 j 02:13	17°♌42'30	1°17'27	
minimum elong	-6368 Sep 26 j 02:17	17°♌42'31	1°17'46	
morning rise	-6368 Oct 08 j 13:24	20°♌33'39		
	-6368 Nov 21 j 14:41	0°♍		
retrograde	-6367 Feb 11 j 07:07	8°♍57'30		
opposition	-6367 Apr 13 j 14:26	4°♍03'05	1°30'51	
min. Earth dist.	-6367 Apr 14 j 04:15	3°♍58'40	4.19901 AU	
	-6367 May 21 j 01:51	30°℞♌		
direct	-6367 Jun 13 j 13:19	29°♌08'34		
	-6367 Jul 06 j 23:14	0°♍		
evening set	-6367 Oct 15 j 18:36	17°♍35'22		
conjunction	-6367 Oct 28 j 10:10	20°♍32'14	0°40'21	
minimum elong	-6367 Oct 28 j 10:13	20°♍32'16	0°40'28	
max. Earth dist.	-6367 Oct 28 j 00:32	20°♍26'37	6.15143 AU	
morning rise	-6367 Nov 10 j 03:28	23°♍30'11		

Attention, astronomical year style is used: The year -6367 in astronomical counting style is the year 6368 BCE in historical counting style.

	-6367 Dec 09 j 00:53	0°♎	
retrograde	-6366 Mar 19 j 02:41	12°♎44'34	
opposition	-6366 May 19 j 04:53	7°♎46'29	0°22'05
min. Earth dist.	-6366 May 19 j 03:51	7°♎46'49	4.10744 AU
direct	-6366 Jul 17 j 21:17	2°♎53'27	
desc. node	-6366 Sep 06 j 20:07	6°♎54'15	
evening set	-6366 Nov 18 j 11:11	21°♎39'41	
conjunction	-6366 Dec 01 j 10:17	24°♎43'18	-0°11'29
minimum elong	-6366 Dec 01 j 10:16	24°♎43'18	0°11'38
behind sun begin	-6366 Dec 01 j 04:26	24°♎39'52	
behind sun end	-6366 Dec 01 j 16:06	24°♎46'44	
max. Earth dist.	-6366 Dec 01 j 23:28	24°♎51'05	6.07180 AU
morning rise	-6366 Dec 14 j 12:27	27°♎48'40	
	-6366 Dec 23 j 21:47	0°♏	
	-6365 Mar 13 j 05:36	15°♏	
retrograde	-6365 Apr 24 j 19:52	17°♏44'10	
	-6365 Jun 06 j 11:51	15°℞♏	
opposition	-6365 Jun 24 j 11:30	12°♏42'10	-0°57'01
min. Earth dist.	-6365 Jun 23 j 18:28	12°♏47'50	4.04748 AU
direct	-6365 Aug 21 j 23:46	7°♏48'48	
	-6365 Oct 30 j 04:58	15°♏	
evening set	-6365 Dec 23 j 22:39	26°♏52'18	
conjunction	-6364 Jan 06 j 05:32	0°♐00'50	-1°00'12
minimum elong	-6364 Jan 06 j 05:27	0°♐00'47	1°00'32
	-6364 Jan 06 j 04:07	0°♐	
max. Earth dist.	-6364 Jan 07 j 14:00	0°♐20'04	6.03615 AU
morning rise	-6364 Jan 19 j 15:55	3°♐11'11	
retrograde	-6364 May 30 j 13:01	23°♐20'43	
opposition	-6364 Jul 29 j 14:06	18°♐16'00	-1°56'04
min. Earth dist.	-6364 Jul 28 j 12:34	18°♐24'39	4.04115 AU
direct	-6364 Sep 25 j 15:57	13°♐20'12	
	-6363 Jan 17 j 19:03	0°♑	
evening set	-6363 Jan 28 j 16:39	2°♑31'12	
conjunction	-6363 Feb 11 j 06:09	5°♑41'26	-1°26'51
minimum elong	-6363 Feb 11 j 06:07	5°♑41'25	1°27'16
max. Earth dist.	-6363 Feb 13 j 00:19	6°♑06'07	6.05833 AU
morning rise	-6363 Feb 24 j 22:02	8°♑52'51	
retrograde	-6363 Jul 05 j 06:19	28°♑40'33	
opposition	-6363 Sep 02 j 17:36	23°♑35'37	-2°11'29
min. Earth dist.	-6363 Sep 01 j 16:56	23°♑44'03	4.09059 AU
direct	-6363 Oct 31 j 03:05	18°♑36'27	
	-6362 Jan 30 j 17:42	0°♒	
evening set	-6362 Mar 06 j 14:20	7°♒40'17	
conjunction	-6362 Mar 20 j 07:48	10°♒49'05	-1°21'28
minimum elong	-6362 Mar 20 j 07:52	10°♒49'07	1°21'48
max. Earth dist.	-6362 Mar 21 j 17:11	11°♒08'15	6.13004 AU
morning rise	-6362 Apr 03 j 02:12	13°♒58'07	
	-6362 Apr 07 j 15:14	15°♒	
	-6362 Jun 25 j 16:23	0°♓	
retrograde	-6362 Aug 08 j 06:10	2°♓57'34	
	-6362 Sep 20 j 16:53	30°℞♒	
opposition	-6362 Oct 06 j 12:24	27°♒54'46	-1°40'05
min. Earth dist.	-6362 Oct 05 j 20:23	28°♒00'14	4.17683 AU
direct	-6362 Dec 04 j 21:19	22°♒52'33	
	-6361 Feb 14 j 00:19	0°♓	
evening set	-6361 Apr 11 j 13:05	11°♓38'00	
conjunction	-6361 Apr 25 j 06:43	14°♓42'55	-0°48'06
minimum elong	-6361 Apr 25 j 06:47	14°♓42'57	0°48'15
max. Earth dist.	-6361 Apr 25 j 21:48	14°♓51'24	6.22470 AU
morning rise	-6361 May 08 j 22:50	17°♓46'56	
	-6361 Jul 08 j 09:17	0°♈	
retrograde	-6361 Sep 09 j 18:25	5°♈52'39	
opposition	-6361 Nov 08 j 01:29	0°♈53'35	-0°37'16
min. Earth dist.	-6361 Nov 07 j 23:15	0°♈54'20	4.27027 AU
	-6361 Nov 14 j 18:15	30°℞♓	
direct	-6360 Jan 07 j 16:55	25°♓49'49	
	-6360 Mar 01 j 15:07	0°♈	
evening set	-6360 May 14 j 23:18	14°♈13'57	
conjunction	-6360 May 28 j 11:28	17°♈13'09	-0°00'17
minimum elong	-6360 May 28 j 11:28	17°♈13'09	0°00'12
behind sun begin	-6360 May 28 j 03:18	17°♈08'39	
behind sun end	-6360 May 28 j 19:38	17°♈17'39	
max. Earth dist.	-6360 May 28 j 03:12	17°♈08'36	6.31056 AU
asc. node	-6360 May 30 j 17:42	17°♈43'12	
morning rise	-6360 Jun 10 j 20:46	20°♈10'46	
	-6360 Jul 28 j 15:53	0°♉	
retrograde	-6360 Oct 10 j 04:05	7°♉36'03	
opposition	-6360 Dec 08 j 20:14	2°♉40'44	0°34'32
min. Earth dist.	-6360 Dec 09 j 07:40	2°♉36'58	4.34206 AU
	-6360 Dec 30 j 09:23	30°℞♈	
direct	-6359 Feb 08 j 15:10	27°♈37'00	
	-6359 Mar 21 j 05:39	0°♉	
	-6359 Jun 13 j 10:49	15°♉	
evening set	-6359 Jun 16 j 20:23	15°♉44'29	
conjunction	-6359 Jun 29 j 23:27	18°♉37'44	0°46'31
minimum elong	-6359 Jun 29 j 23:24	18°♉37'42	0°46'48
max. Earth dist.	-6359 Jun 28 j 21:59	18°♉23'41	6.36271 AU
morning rise	-6359 Jul 12 j 22:54	21°♉29'14	
	-6359 Aug 22 j 23:40	0°♊	
retrograde	-6359 Nov 10 j 07:00	8°♊36'32	
opposition	-6358 Jan 09 j 11:45	3°♊44'00	1°34'48
min. Earth dist.	-6358 Jan 10 j 09:46	3°♊36'54	4.37205 AU
	-6358 Feb 11 j 07:02	30°℞♉	
direct	-6358 Mar 12 j 23:26	28°♉41'46	
	-6358 Apr 11 j 20:51	0°♊	
evening set	-6358 Jul 18 j 13:18	16°♊41'07	
max. Earth dist.	-6358 Jul 29 j 17:47	19°♊09'36	6.36673 AU
conjunction	-6358 Jul 31 j 06:49	19°♊30'08	1°19'25
minimum elong	-6358 Jul 31 j 06:46	19°♊30'06	1°19'49
morning rise	-6358 Aug 12 j 21:35	22°♊17'49	
	-6358 Sep 18 j 11:22	0°♋	
retrograde	-6358 Dec 11 j 22:33	9°♋31'52	
opposition	-6357 Feb 10 j 15:48	4°♋40'24	2°08'09
min. Earth dist.	-6357 Feb 11 j 19:05	4°♋31'42	4.35103 AU
	-6357 Mar 30 j 14:02	30°℞♊	
direct	-6357 Apr 14 j 05:40	29°♊40'37	
	-6357 Apr 28 j 21:15	0°♋	
evening set	-6357 Aug 18 j 16:02	17°♋41'22	
max. Earth dist.	-6357 Aug 29 j 16:06	20°♋09'30	6.32123 AU
conjunction	-6357 Aug 31 j 03:49	20°♋29'35	1°29'44
minimum elong	-6357 Aug 31 j 03:49	20°♋29'36	1°30'09
morning rise	-6357 Sep 12 j 13:52	23°♋17'09	
	-6357 Oct 13 j 16:06	0°♌	
retrograde	-6356 Jan 13 j 16:16	11°♌00'24	
opposition	-6356 Mar 14 j 20:39	6°♌08'07	2°04'55
min. Earth dist.	-6356 Mar 15 j 20:08	6°♌00'41	4.28417 AU
direct	-6356 May 15 j 19:20	1°♌11'18	
	-6356 Aug 29 j 09:16	15°♌	
evening set	-6356 Sep 17 j 23:04	19°♌22'10	
max. Earth dist.	-6356 Sep 29 j 08:03	21°♌58'24	6.23841 AU
conjunction	-6356 Sep 30 j 10:26	22°♌13'33	1°13'40
minimum elong	-6356 Sep 30 j 10:30	22°♌13'35	1°13'56
morning rise	-6356 Oct 12 j 22:08	25°♌05'15	
	-6356 Nov 03 j 22:05	0°♍	

Attention, astronomical year style is used: The year -6355 in astronomical counting style is the year 6356 BCE in historical counting style.

retrograde	-6355 Feb 16 j 02:01	13°♍34'04	
opposition	-6355 Apr 18 j 08:43	8°♍39'13	1°22'58
min. Earth dist.	-6355 Apr 18 j 21:53	8°♍35'00	4.19008 AU
direct	-6355 Jun 18 j 05:07	3°♍44'53	
evening set	-6355 Oct 20 j 05:23	22°♍12'54	
conjunction	-6355 Nov 01 j 21:52	25°♍10'33	0°33'52
minimum elong	-6355 Nov 01 j 21:55	25°♍10'34	0°33'57
max. Earth dist.	-6355 Nov 01 j 14:33	25°♍06'16	6.14212 AU
morning rise	-6355 Nov 14 j 16:13	28°♍09'23	
	-6355 Nov 22 j 15:46	0°♎	
retrograde	-6354 Mar 23 j 23:22	17°♎29'12	
opposition	-6354 May 24 j 01:12	12°♎30'38	0°11'24
min. Earth dist.	-6354 May 23 j 22:03	12°♎31'39	4.09853 AU
desc. node	-6354 Jul 19 j 18:17	7°♎38'27	
direct	-6354 Jul 22 j 12:37	7°♎37'41	
evening set	-6354 Nov 23 j 03:05	26°♎26'13	
conjunction	-6354 Dec 06 j 03:11	29°♎30'38	-0°18'38
minimum elong	-6354 Dec 06 j 03:09	29°♎30'37	0°18'48
max. Earth dist.	-6354 Dec 06 j 17:58	29°♎39'22	6.06402 AU
	-6354 Dec 08 j 04:47	0°♏	
morning rise	-6354 Dec 19 j 06:33	2°♏36'51	
	-6353 Feb 14 j 19:59	15°♏	
retrograde	-6353 Apr 29 j 18:51	22°♏36'34	
opposition	-6353 Jun 29 j 08:40	17°♏34'07	-1°06'45
min. Earth dist.	-6353 Jun 28 j 14:45	17°♏40'06	4.04160 AU
	-6353 Jul 19 j 17:06	15°℞♏	
direct	-6353 Aug 26 j 19:02	12°♏40'30	
	-6353 Oct 03 j 11:07	15°♏	
	-6353 Dec 21 j 06:03	0°♐	
evening set	-6353 Dec 28 j 20:14	1°♐46'42	
conjunction	-6352 Jan 11 j 04:17	4°♐55'52	-1°05'23
minimum elong	-6352 Jan 11 j 04:13	4°♐55'49	1°05'45
max. Earth dist.	-6352 Jan 12 j 15:22	5°♐16'38	6.03278 AU
morning rise	-6352 Jan 24 j 15:33	8°♐06'44	
retrograde	-6352 Jun 04 j 12:40	28°♐16'52	
min. Earth dist.	-6352 Aug 02 j 08:44	23°♐20'43	4.04096 AU
opposition	-6352 Aug 03 j 10:13	23°♐12'04	-2°00'58
direct	-6352 Sep 30 j 11:22	18°♐15'55	
	-6352 Dec 31 j 11:51	0°♑	
evening set	-6351 Feb 02 j 18:06	7°♑28'33	
conjunction	-6351 Feb 16 j 08:16	10°♑39'00	-1°27'59
minimum elong	-6351 Feb 16 j 08:15	10°♑38'59	1°28'23
max. Earth dist.	-6351 Feb 18 j 00:43	11°♑02'38	6.06121 AU
morning rise	-6351 Mar 02 j 00:59	13°♑50'35	
	-6351 May 22 j 17:27	0°♒	
retrograde	-6351 Jul 10 j 00:39	3°♒34'45	
	-6351 Aug 27 j 08:06	30°℞♑	
min. Earth dist.	-6351 Sep 06 j 10:39	28°♑38'22	4.09634 AU
opposition	-6351 Sep 07 j 11:10	28°♑29'58	-2°09'40
direct	-6351 Nov 04 j 22:05	23°♑30'22	
	-6350 Jan 10 j 06:11	0°♒	
evening set	-6350 Mar 11 j 15:27	12°♒33'54	
	-6350 Mar 22 j 07:10	15°♒	
conjunction	-6350 Mar 25 j 09:27	15°♒42'34	-1°18'12
minimum elong	-6350 Mar 25 j 09:31	15°♒42'37	1°18'30
max. Earth dist.	-6350 Mar 26 j 18:00	16°♒01'13	6.13849 AU
morning rise	-6350 Apr 08 j 03:49	18°♒51'16	
	-6350 May 31 j 01:48	0°♓	
retrograde	-6350 Aug 12 j 22:18	7°♓44'34	
opposition	-6350 Oct 11 j 03:02	2°♓42'15	-1°32'39
min. Earth dist.	-6350 Oct 10 j 12:48	2°♓47'05	4.18690 AU
	-6350 Nov 01 j 04:32	30°℞♒	
direct	-6350 Dec 09 j 15:40	27°♒39'47	
	-6349 Jan 17 j 13:26	0°♓	
evening set	-6349 Apr 16 j 10:56	16°♓23'10	
conjunction	-6349 Apr 30 j 04:08	19°♓27'29	-0°41'53
minimum elong	-6349 Apr 30 j 04:11	19°♓27'31	0°41'59
max. Earth dist.	-6349 Apr 30 j 16:20	19°♓34'19	6.23570 AU
morning rise	-6349 May 13 j 19:42	22°♓30'47	
	-6349 Jun 17 j 20:00	0°♈	
retrograde	-6349 Sep 14 j 04:09	10°♈30'17	
opposition	-6349 Nov 12 j 13:08	5°♈31'42	-0°27'11
min. Earth dist.	-6349 Nov 12 j 11:58	5°♈32'06	4.28115 AU
direct	-6348 Jan 12 j 08:24	0°♈27'49	
asc. node	-6348 Apr 08 j 22:25	10°♈19'13	
evening set	-6348 May 19 j 16:04	18°♈49'22	
conjunction	-6348 Jun 02 j 03:11	21°♈47'42	0°06'45
minimum elong	-6348 Jun 02 j 03:10	21°♈47'41	0°06'51
behind sun begin	-6348 Jun 01 j 19:33	21°♈43'30	
behind sun end	-6348 Jun 02 j 10:46	21°♈51'53	
max. Earth dist.	-6348 Jun 01 j 17:02	21°♈42'06	6.32048 AU
morning rise	-6348 Jun 15 j 11:08	24°♈44'23	
	-6348 Jul 09 j 23:51	0°♉	
retrograde	-6348 Oct 14 j 12:52	12°♉05'25	
opposition	-6348 Dec 13 j 06:25	7°♉10'33	0°44'06
min. Earth dist.	-6348 Dec 13 j 19:35	7°♉06'14	4.35000 AU
direct	-6347 Feb 13 j 05:03	2°♉06'57	
	-6347 May 27 j 22:11	15°♉	
evening set	-6347 Jun 21 j 08:04	20°♉12'15	
max. Earth dist.	-6347 Jul 03 j 05:14	22°♉49'01	6.36756 AU
conjunction	-6347 Jul 04 j 09:41	23°♉04'43	0°52'12
minimum elong	-6347 Jul 04 j 09:37	23°♉04'41	0°52'30
morning rise	-6347 Jul 17 j 07:54	25°♉55'28	
	-6347 Aug 05 j 05:59	0°♊	
retrograde	-6347 Nov 14 j 15:31	13°♊01'48	
opposition	-6346 Jan 13 j 22:19	8°♊09'28	1°41'20
min. Earth dist.	-6346 Jan 14 j 21:32	8°♊01'59	4.37352 AU
direct	-6346 Mar 17 j 11:35	3°♊07'28	
evening set	-6346 Jul 22 j 21:34	21°♊05'59	
max. Earth dist.	-6346 Aug 03 j 01:43	23°♊34'25	6.36445 AU
conjunction	-6346 Aug 04 j 14:06	23°♊54'38	1°22'21
minimum elong	-6346 Aug 04 j 14:03	23°♊54'36	1°22'44
morning rise	-6346 Aug 17 j 03:44	26°♊41'58	
	-6346 Sep 01 j 07:07	0°♋	
retrograde	-6346 Dec 16 j 08:41	13°♋58'25	
opposition	-6345 Feb 15 j 04:32	9°♋06'59	2°10'00
min. Earth dist.	-6345 Feb 16 j 07:45	8°♋58'20	4.34515 AU
direct	-6345 Apr 18 j 17:19	4°♋07'36	
evening set	-6345 Aug 22 j 23:40	22°♋09'02	
max. Earth dist.	-6345 Sep 02 j 22:27	24°♋36'52	6.31202 AU
conjunction	-6345 Sep 04 j 10:52	24°♋57'25	1°29'05
minimum elong	-6345 Sep 04 j 10:53	24°♋57'26	1°29'29
morning rise	-6345 Sep 16 j 20:55	27°♋45'19	
	-6345 Sep 26 j 22:52	0°♌	
	-6345 Dec 30 j 05:01	15°♌	
retrograde	-6344 Jan 18 j 08:57	15°♌33'58	
	-6344 Feb 06 j 13:13	15°℞♌	
opposition	-6344 Mar 19 j 13:25	10°♌41'25	2°01'20
min. Earth dist.	-6344 Mar 20 j 12:31	10°♌34'05	4.27208 AU
direct	-6344 May 20 j 09:32	5°♌44'54	
	-6344 Aug 11 j 16:52	15°♌	
evening set	-6344 Sep 22 j 08:30	23°♌57'55	
conjunction	-6344 Oct 04 j 20:29	26°♌50'06	1°09'23

Attention, astronomical year style is used: The year -6344 in astronomical counting style is the year 6345 BCE in historical counting style.

minimum elong	-6344 Oct 04 j 20:32	26°♌50'08	1°09'38	
max. Earth dist.	-6344 Oct 03 j 20:45	26°♌36'26	6.22459 AU	
morning rise	-6344 Oct 17 j 08:45	29°♌42'40		
	-6344 Oct 18 j 15:05	0°♍		
retrograde	-6343 Feb 20 j 23:25	18°♍18'47		
opposition	-6343 Apr 23 j 06:02	13°♍23'30	1°14'24	
min. Earth dist.	-6343 Apr 23 j 17:02	13°♍19'58	4.17545 AU	
direct	-6343 Jun 22 j 21:11	8°♍29'28		
evening set	-6343 Oct 24 j 20:00	27°♍00'40		
conjunction	-6343 Nov 06 j 13:19	29°♍59'20	0°26'58	
minimum elong	-6343 Nov 06 j 13:21	29°♍59'21	0°27'00	
max. Earth dist.	-6343 Nov 06 j 08:01	29°♍56'13	6.12801 AU	
	-6343 Nov 06 j 14:28	0°♎		
morning rise	-6343 Nov 19 j 08:57	2°♎59'19		
retrograde	-6342 Mar 29 j 01:45	22°♎26'26		
opposition	-6342 May 29 j 02:09	17°♎27'16	0°00'13	
min. Earth dist.	-6342 May 28 j 20:51	17°♎29'01	4.08611 AU	
desc. node	-6342 May 30 j 02:53	17°♎19'11		
direct	-6342 Jul 27 j 09:32	12°♎34'20		
	-6342 Nov 21 j 21:03	0°♏		
evening set	-6342 Nov 28 j 00:25	1°♏26'25		
conjunction	-6342 Dec 11 j 01:49	4°♏31'47	-0°25'59	
minimum elong	-6342 Dec 11 j 01:46	4°♏31'45	0°26'10	
max. Earth dist.	-6342 Dec 11 j 20:56	4°♏43'07	6.05462 AU	
morning rise	-6342 Dec 24 j 06:19	7°♏38'56		
	-6341 Jan 25 j 15:31	15°♏		
retrograde	-6341 May 05 j 00:16	27°♏42'49		
opposition	-6341 Jul 04 j 10:52	22°♏39'59	-1°16'28	
min. Earth dist.	-6341 Jul 03 j 15:30	22°♏46'27	4.03663 AU	
direct	-6341 Aug 31 j 18:41	17°♏46'11		
	-6341 Dec 03 j 16:36	0°♐		
evening set	-6340 Jan 02 j 23:35	6°♐54'33		
conjunction	-6340 Jan 16 j 08:27	10°♐04'06	-1°10'21	
minimum elong	-6340 Jan 16 j 08:22	10°♐04'03	1°10'43	
max. Earth dist.	-6340 Jan 17 j 20:31	10°♐25'26	6.03261 AU	
morning rise	-6340 Jan 29 j 20:48	13°♐15'23		
	-6340 Apr 23 j 07:39	0°♑		
retrograde	-6340 Jun 09 j 13:36	3°♑24'05		
	-6340 Jul 26 j 19:54	30°℞♐		
min. Earth dist.	-6340 Aug 07 j 07:16	28°♐28'17	4.04616 AU	
opposition	-6340 Aug 08 j 10:17	28°♐19'06	-2°05'09	
direct	-6340 Oct 05 j 11:12	23°♐22'30		
	-6340 Dec 10 j 17:38	0°♑		
evening set	-6339 Feb 07 j 22:58	12°♑34'18		
conjunction	-6339 Feb 21 j 13:55	15°♑44'35	-1°28'33	
minimum elong	-6339 Feb 21 j 13:55	15°♑44'35	1°28'57	
max. Earth dist.	-6339 Feb 23 j 07:48	16°♑09'00	6.07146 AU	
morning rise	-6339 Mar 07 j 06:52	18°♑55'47		
	-6339 Apr 27 j 16:24	0°♒		
retrograde	-6339 Jul 14 j 21:17	8°♒32'56		
min. Earth dist.	-6339 Sep 11 j 07:10	3°♒36'16	4.11058 AU	
opposition	-6339 Sep 12 j 06:21	3°♒28'20	-2°06'55	
	-6339 Oct 10 j 12:07	30°℞♑		
direct	-6339 Nov 09 j 21:07	28°♑28'17		
	-6339 Dec 10 j 12:37	0°♒		
	-6338 Mar 05 j 18:06	15°♒		
evening set	-6338 Mar 16 j 17:02	17°♒27'58		
conjunction	-6338 Mar 30 j 11:05	20°♒35'56	-1°14'26	
minimum elong	-6338 Mar 30 j 11:09	20°♒35'58	1°14'44	
max. Earth dist.	-6338 Mar 31 j 17:46	20°♒53'26	6.15549 AU	
morning rise	-6338 Apr 13 j 05:19	23°♒43'47		
	-6338 May 11 j 18:07	0°♓		

retrograde	-6338 Aug 17 j 09:28	12°♓27'35		
opposition	-6338 Oct 15 j 16:00	7°♓25'41	-1°24'44	
min. Earth dist.	-6338 Oct 15 j 02:34	7°♓30'14	4.20495 AU	
direct	-6338 Dec 14 j 08:47	2°♓22'53		
evening set	-6337 Apr 21 j 05:55	21°♓01'21		
conjunction	-6337 May 04 j 22:26	24°♓04'38	-0°35'34	
minimum elong	-6337 May 04 j 22:29	24°♓04'40	0°35'39	
max. Earth dist.	-6337 May 05 j 07:02	24°♓09'26	6.25341 AU	
morning rise	-6337 May 18 j 13:07	27°♓06'49		
	-6337 May 31 j 16:35	0°♈		
retrograde	-6337 Sep 18 j 12:17	14°♈58'17		
opposition	-6337 Nov 16 j 21:37	10°♈00'14	-0°17'18	
min. Earth dist.	-6337 Nov 16 j 23:29	9°♈59'37	4.29680 AU	
direct	-6336 Jan 16 j 22:32	4°♈56'15		
asc. node	-6336 Feb 19 j 02:30	6°♈35'21		
evening set	-6336 May 24 j 04:03	23°♈13'38		
conjunction	-6336 Jun 06 j 13:59	26°♈10'58	0°13'23	
minimum elong	-6336 Jun 06 j 13:58	26°♈10'57	0°13'31	
behind sun begin	-6336 Jun 06 j 09:31	26°♈08'31		
behind sun end	-6336 Jun 06 j 18:24	26°♈13'24		
max. Earth dist.	-6336 Jun 06 j 00:30	26°♈03'32	6.33268 AU	
morning rise	-6336 Jun 19 j 20:37	29°♈06'37		
	-6336 Jun 23 j 22:11	0°♉		
	-6336 Sep 19 j 01:13	15°♉		
retrograde	-6336 Oct 18 j 16:18	16°♉23'19		
	-6336 Nov 17 j 08:31	15°℞♉		
opposition	-6336 Dec 17 j 12:32	11°♉28'51	0°52'59	
min. Earth dist.	-6336 Dec 18 j 03:21	11°♉24'01	4.35804 AU	
direct	-6335 Feb 17 j 13:38	6°♉25'20		
	-6335 May 10 j 08:20	15°♉		
evening set	-6335 Jun 25 j 15:14	24°♉28'43		
max. Earth dist.	-6335 Jul 07 j 09:02	27°♉03'39	6.37067 AU	
conjunction	-6335 Jul 08 j 15:30	27°♉20'28	0°57'21	
minimum elong	-6335 Jul 08 j 15:26	27°♉20'26	0°57'40	
	-6335 Jul 20 j 17:07	0°♊		
morning rise	-6335 Jul 21 j 12:20	0°♊10'32		
retrograde	-6335 Nov 18 j 21:09	17°♊16'52		
opposition	-6334 Jan 18 j 05:15	12°♊24'50	1°47'05	
min. Earth dist.	-6334 Jan 19 j 06:31	12°♊16'44	4.37157 AU	
direct	-6334 Mar 21 j 19:53	7°♊23'07		
evening set	-6334 Jul 27 j 02:32	25°♊22'11		
max. Earth dist.	-6334 Aug 07 j 03:10	27°♊49'02	6.35726 AU	
conjunction	-6334 Aug 08 j 18:04	28°♊10'41	1°24'43	
minimum elong	-6334 Aug 08 j 18:02	28°♊10'40	1°25'07	
	-6334 Aug 16 j 22:30	0°♋		
morning rise	-6334 Aug 21 j 07:05	0°♋58'00		
retrograde	-6334 Dec 20 j 18:45	18°♋18'48		
opposition	-6333 Feb 19 j 15:22	13°♋27'19	2°11'07	
min. Earth dist.	-6333 Feb 20 j 18:54	13°♋18'34	4.33332 AU	
direct	-6333 Apr 23 j 01:59	8°♋28'16		
evening set	-6333 Aug 27 j 05:31	26°♋32'32		
max. Earth dist.	-6333 Sep 07 j 06:09	29°♋01'54	6.29651 AU	
conjunction	-6333 Sep 08 j 16:42	29°♋21'28	1°27'55	
minimum elong	-6333 Sep 08 j 16:44	29°♋21'29	1°28'17	
	-6333 Sep 11 j 12:41	0°♌		
morning rise	-6333 Sep 21 j 02:39	2°♌10'00		
	-6333 Nov 24 j 05:27	15°♌		
retrograde	-6332 Jan 23 j 01:39	20°♌06'22		
opposition	-6332 Mar 24 j 06:08	15°♌13'38	1°57'02	
min. Earth dist.	-6332 Mar 25 j 04:16	15°♌06'36	4.25389 AU	
	-6332 Mar 26 j 01:03	15°℞♌		
direct	-6332 May 24 j 21:57	10°♌17'33		

Attention, astronomical year style is used: The year -6332 in astronomical counting style is the year 6333 BCE in historical counting style.

	-6332 Jul 21 j 03:23	15°♌		
evening set	-6332 Sep 26 j 18:54	28°♌34'54		
	-6332 Oct 02 j 22:47	0°♍		
max. Earth dist.	-6332 Oct 08 j 08:35	1°♍14'59	6.20532 AU	
conjunction	-6332 Oct 09 j 07:18	1°♍28'07	1°04'38	
minimum elong	-6332 Oct 09 j 07:22	1°♍28'10	1°04'52	
morning rise	-6332 Oct 21 j 20:36	4°♍21'55		
retrograde	-6331 Feb 25 j 23:23	23°♍07'23		
opposition	-6331 Apr 28 j 04:56	18°♍11'35	1°05'13	
min. Earth dist.	-6331 Apr 28 j 13:24	18°♍08'52	4.15648 AU	
direct	-6331 Jun 27 j 14:48	13°♍17'50		
	-6331 Oct 21 j 08:49	0°♎		
evening set	-6331 Oct 29 j 13:01	1°♎53'51		
conjunction	-6331 Nov 11 j 07:38	4°♎53'46	0°19'45	
minimum elong	-6331 Nov 11 j 07:39	4°♎53'47	0°19'44	
max. Earth dist.	-6331 Nov 11 j 07:21	4°♎53'36	6.11131 AU	
morning rise	-6331 Nov 24 j 04:26	7°♎55'03		
retrograde	-6330 Apr 03 j 07:34	27°♎30'02		
desc. node	-6330 Apr 08 j 19:28	27°♎27'10		
opposition	-6330 Jun 03 j 05:38	22°♎30'22	-0°11'14	
min. Earth dist.	-6330 Jun 02 j 21:59	22°♎32'52	4.07329 AU	
direct	-6330 Aug 01 j 08:59	17°♎37'30		
	-6330 Nov 04 j 09:22	0°♏		
evening set	-6330 Dec 03 j 00:48	6°♏33'09		
conjunction	-6330 Dec 16 j 03:11	9°♏39'20	-0°33'17	
minimum elong	-6330 Dec 16 j 03:08	9°♏39'18	0°33'30	
max. Earth dist.	-6330 Dec 17 j 00:52	9°♏52'12	6.04661 AU	
morning rise	-6330 Dec 29 j 09:05	12°♏47'24		
	-6329 Jan 07 j 20:00	15°♏		
	-6329 Mar 27 j 10:33	0°♐		
retrograde	-6329 May 10 j 05:09	2°♐54'23		
	-6329 Jun 23 j 00:56	30°℞♏		
opposition	-6329 Jul 09 j 14:43	27°♏51'04	-1°25'44	
min. Earth dist.	-6329 Jul 08 j 16:29	27°♏58'31	4.03437 AU	
direct	-6329 Sep 05 j 20:06	22°♏56'56		
	-6329 Nov 13 j 04:13	0°♐		
evening set	-6328 Jan 08 j 04:42	12°♐06'22		
conjunction	-6328 Jan 21 j 14:38	15°♐16'09	-1°14'49	
minimum elong	-6328 Jan 21 j 14:34	15°♐16'07	1°15'11	
max. Earth dist.	-6328 Jan 23 j 06:04	15°♐39'27	6.03591 AU	
morning rise	-6328 Feb 04 j 03:37	18°♐27'32		
	-6328 Mar 28 j 05:44	0°♑		
retrograde	-6328 Jun 14 j 16:17	8°♑33'03		
min. Earth dist.	-6328 Aug 12 j 08:10	3°♑36'55	4.05447 AU	
opposition	-6328 Aug 13 j 10:36	3°♑27'54	-2°08'23	
	-6328 Sep 10 j 18:46	30°℞♐		
direct	-6328 Oct 10 j 13:17	28°♐30'49		
	-6328 Nov 09 j 10:06	0°♑		
evening set	-6327 Feb 13 j 04:23	17°♑40'48		
conjunction	-6327 Feb 26 j 19:52	20°♑50'46	-1°28'28	
minimum elong	-6327 Feb 26 j 19:53	20°♑50'47	1°28'51	
max. Earth dist.	-6327 Feb 28 j 13:11	21°♑14'47	6.08364 AU	
morning rise	-6327 Mar 12 j 13:16	24°♑01'34		
	-6327 Apr 08 j 04:11	0°♒		
retrograde	-6327 Jul 19 j 15:34	13°♒30'56		
min. Earth dist.	-6327 Sep 16 j 01:56	8°♒34'28	4.12530 AU	
opposition	-6327 Sep 17 j 00:55	8°♒26'37	-2°03'17	
direct	-6327 Nov 14 j 18:03	3°♒26'07		
	-6326 Feb 15 j 23:42	15°♒		
evening set	-6326 Mar 21 j 18:24	22°♒22'12		
conjunction	-6326 Apr 04 j 12:27	25°♒29'30	-1°10'11	
minimum elong	-6326 Apr 04 j 12:32	25°♒29'32	1°10'27	
max. Earth dist.	-6326 Apr 05 j 15:32	25°♒44'54	6.17153 AU	
morning rise	-6326 Apr 18 j 06:29	28°♒36'33		
	-6326 Apr 24 j 11:11	0°♓		
retrograde	-6326 Aug 21 j 23:44	17°♓11'49		
opposition	-6326 Oct 20 j 05:31	12°♓10'26	-1°16'18	
min. Earth dist.	-6326 Oct 19 j 19:03	12°♓13'58	4.22057 AU	
direct	-6326 Dec 19 j 04:08	7°♓07'21		
evening set	-6325 Apr 26 j 01:22	25°♓42'00		
conjunction	-6325 May 09 j 17:21	28°♓44'27	-0°29'00	
minimum elong	-6325 May 09 j 17:24	28°♓44'29	0°29'02	
max. Earth dist.	-6325 May 09 j 23:21	28°♓47'48	6.26757 AU	
	-6325 May 15 j 08:51	0°♈		
morning rise	-6325 May 23 j 07:03	1°♈45'40		
retrograde	-6325 Sep 22 j 20:07	19°♈30'39		
opposition	-6325 Nov 21 j 07:29	14°♈33'09	-0°07'12	
min. Earth dist.	-6325 Nov 21 j 10:40	14°♈32'05	4.30850 AU	
asc. node	-6325 Dec 30 j 11:55	10°♈14'32		
direct	-6324 Jan 21 j 11:25	9°♈29'08		
evening set	-6324 May 28 j 18:13	27°♈43'54		
	-6324 Jun 08 j 01:42	0°♉		
max. Earth dist.	-6324 Jun 10 j 09:27	0°♉30'47	6.34109 AU	
conjunction	-6324 Jun 11 j 02:48	0°♉40'21	0°20'05	
minimum elong	-6324 Jun 11 j 02:46	0°♉40'20	0°20'16	
morning rise	-6324 Jun 24 j 08:12	3°♉35'08		
	-6324 Aug 20 j 14:32	15°♉		
retrograde	-6324 Oct 23 j 01:13	20°♉48'53		
opposition	-6324 Dec 21 j 21:46	15°♉54'52	1°01'50	
min. Earth dist.	-6324 Dec 22 j 15:21	15°♉49'08	4.36273 AU	
	-6324 Dec 28 j 22:59	15°℞♉		
direct	-6323 Feb 22 j 02:20	10°♉51'30		
	-6323 Apr 17 j 17:49	15°♉		
evening set	-6323 Jun 30 j 01:13	28°♉53'50		
	-6323 Jul 05 j 01:46	0°♊		
max. Earth dist.	-6323 Jul 11 j 15:49	1°♊27'07	6.37106 AU	
conjunction	-6323 Jul 13 j 00:15	1°♊45'02	1°02'22	
minimum elong	-6323 Jul 13 j 00:11	1°♊45'00	1°02'42	
morning rise	-6323 Jul 25 j 19:51	4°♊34'34		
retrograde	-6323 Nov 23 j 06:01	21°♊41'51		
opposition	-6322 Jan 22 j 16:16	16°♊49'57	1°52'29	
min. Earth dist.	-6322 Jan 23 j 17:44	16°♊41'47	4.36802 AU	
direct	-6322 Mar 26 j 06:09	11°♊48'32		
evening set	-6322 Jul 31 j 10:53	29°♊48'16		
	-6322 Aug 01 j 08:05	0°♋		
max. Earth dist.	-6322 Aug 11 j 11:10	2°♋15'15	6.34997 AU	
conjunction	-6322 Aug 13 j 01:32	2°♋36'40	1°26'43	
minimum elong	-6322 Aug 13 j 01:30	2°♋36'39	1°27'08	
morning rise	-6322 Aug 25 j 13:44	5°♋23'57		
retrograde	-6322 Dec 25 j 09:03	22°♋49'02		
opposition	-6321 Feb 24 j 06:20	17°♋57'33	2°11'31	
min. Earth dist.	-6321 Feb 25 j 10:08	17°♋48'43	4.32289 AU	
direct	-6321 Apr 27 j 15:26	12°♋58'56		
	-6321 Aug 26 j 18:48	0°♌		
evening set	-6321 Aug 31 j 14:48	1°♌05'07		
max. Earth dist.	-6321 Sep 11 j 15:17	3°♌34'54	6.28383 AU	
conjunction	-6321 Sep 13 j 01:46	3°♌54'29	1°26'12	
minimum elong	-6321 Sep 13 j 01:48	3°♌54'31	1°26'34	
morning rise	-6321 Sep 25 j 11:59	6°♌43'37		
	-6321 Nov 02 j 23:44	15°♌		
retrograde	-6320 Jan 27 j 20:54	24°♌46'39		
opposition	-6320 Mar 29 j 02:00	19°♌53'31	1°51'52	
min. Earth dist.	-6320 Mar 29 j 21:49	19°♌47'13	4.23997 AU	

Attention, astronomical year style is used: The year -6320 in astronomical counting style is the year 6321 BCE in historical counting style.

	-6320 May 24 j 18:20	15°℞♌	
direct	-6320 May 29 j 13:27	14°♌57'49	
	-6320 Jun 03 j 08:52	15°♌	
	-6320 Sep 16 j 18:53	0°♍	
evening set	-6320 Oct 01 j 07:19	3°♍17'43	
conjunction	-6320 Oct 13 j 20:30	6°♍11'48	0°59'24
minimum elong	-6320 Oct 13 j 20:34	6°♍11'51	0°59'37
max. Earth dist.	-6320 Oct 13 j 02:11	6°♍01'11	6.19173 AU
morning rise	-6320 Oct 26 j 10:30	9°♍06'33	
retrograde	-6319 Mar 03 j 00:36	27°♍59'04	
opposition	-6319 May 03 j 05:19	23°♍02'47	0°55'29
min. Earth dist.	-6319 May 03 j 11:48	23°♍00'42	4.14430 AU
direct	-6319 Jul 02 j 11:23	18°♍09'18	
	-6319 Oct 04 j 05:24	0°♎	
evening set	-6319 Nov 03 j 06:33	6°♎47'32	
conjunction	-6319 Nov 16 j 02:01	9°♎48'17	0°12'25
minimum elong	-6319 Nov 16 j 02:02	9°♎48'18	0°12'23
behind sun begin	-6319 Nov 15 j 20:39	9°♎45'08	
behind sun end	-6319 Nov 16 j 07:25	9°♎51'27	
max. Earth dist.	-6319 Nov 16 j 04:06	9°♎49'30	6.10168 AU
morning rise	-6319 Nov 29 j 00:12	12°♎50'33	
desc. node	-6318 Feb 17 j 01:36	28°♎46'30	
	-6318 Feb 26 j 14:17	0°♏	
retrograde	-6318 Apr 08 j 09:38	2°♏30'34	
	-6318 May 19 j 09:36	30°℞♎	
opposition	-6318 Jun 08 j 07:35	27°♎30'17	-0°22'26
min. Earth dist.	-6318 Jun 07 j 20:31	27°♎33'55	4.06723 AU
direct	-6318 Aug 06 j 06:53	22°♎37'21	
	-6318 Oct 15 j 18:24	0°♏	
evening set	-6318 Dec 07 j 23:31	11°♏34'20	
conjunction	-6318 Dec 21 j 03:03	14°♏41'04	-0°40'10
minimum elong	-6318 Dec 21 j 03:00	14°♏41'01	0°40'26
max. Earth dist.	-6318 Dec 22 j 04:57	14°♏56'25	6.04458 AU
	-6318 Dec 22 j 11:00	15°♏	
morning rise	-6317 Jan 03 j 09:51	17°♏49'36	
	-6317 Feb 28 j 15:54	0°♐	
retrograde	-6317 May 15 j 08:19	7°♐57'19	
opposition	-6317 Jul 14 j 15:06	2°♐53'35	-1°34'03
min. Earth dist.	-6317 Jul 13 j 16:36	3°♐01'09	4.03669 AU
	-6317 Aug 06 j 17:34	30°℞♏	
direct	-6317 Sep 10 j 20:02	27°♏59'07	
	-6317 Oct 15 j 17:11	0°♐	
evening set	-6316 Jan 13 j 06:32	17°♐08'16	
conjunction	-6316 Jan 26 j 17:12	20°♐18'06	-1°18'34
minimum elong	-6316 Jan 26 j 17:08	20°♐18'03	1°18'58
max. Earth dist.	-6316 Jan 28 j 09:22	20°♐41'45	6.04198 AU
morning rise	-6316 Feb 09 j 07:01	23°♐29'29	
	-6316 Mar 08 j 23:22	0°♑	
retrograde	-6316 Jun 19 j 12:51	13°♑30'47	
min. Earth dist.	-6316 Aug 17 j 03:37	8°♑34'50	4.06388 AU
opposition	-6316 Aug 18 j 06:37	8°♑25'38	-2°10'32
direct	-6316 Oct 15 j 09:33	3°♑28'05	
evening set	-6315 Feb 18 j 05:36	22°♑36'09	
conjunction	-6315 Mar 03 j 21:33	25°♑45'49	-1°27'44
minimum elong	-6315 Mar 03 j 21:35	25°♑45'49	1°28'06
max. Earth dist.	-6315 Mar 05 j 12:35	26°♑08'25	6.09534 AU
morning rise	-6315 Mar 17 j 15:16	28°♑56'11	
	-6315 Mar 22 j 06:48	0°♒	
	-6315 Jun 08 j 00:24	15°♒	
retrograde	-6315 Jul 24 j 07:51	18°♒18'31	
	-6315 Sep 08 j 12:13	15°℞♒	
opposition	-6315 Sep 21 j 15:52	13°♒14'30	-1°58'57

min. Earth dist.	-6315 Sep 20 j 19:20	13°♒21'31	4.13793 AU
direct	-6315 Nov 19 j 13:45	8°♒13'34	
	-6314 Jan 27 j 01:11	15°♒	
evening set	-6314 Mar 26 j 16:07	27°♒07'00	
	-6314 Apr 08 j 09:58	0°♓	
conjunction	-6314 Apr 09 j 10:21	0°♓13'49	-1°05'35
minimum elong	-6314 Apr 09 j 10:26	0°♓13'52	1°05'49
max. Earth dist.	-6314 Apr 10 j 11:37	0°♓28'08	6.18425 AU
morning rise	-6314 Apr 23 j 03:59	3°♓20'12	
retrograde	-6314 Aug 26 j 10:09	21°♓48'25	
opposition	-6314 Oct 24 j 16:13	16°♓47'37	-1°07'39
min. Earth dist.	-6314 Oct 24 j 07:11	16°♓50'40	4.23219 AU
direct	-6314 Dec 23 j 17:47	11°♓44'22	
	-6313 Apr 29 j 12:15	0°♈	
evening set	-6313 Apr 30 j 18:42	0°♈16'49	
conjunction	-6313 May 14 j 09:51	3°♈18'35	-0°22'23
minimum elong	-6313 May 14 j 09:53	3°♈18'36	0°22'25
max. Earth dist.	-6313 May 14 j 10:59	3°♈19'12	6.27731 AU
morning rise	-6313 May 27 j 22:50	6°♈19'05	
retrograde	-6313 Sep 27 j 05:31	23°♈59'27	
asc. node	-6313 Nov 10 j 18:54	20°♈57'51	
opposition	-6313 Nov 25 j 16:36	19°♈02'31	0°02'45
min. Earth dist.	-6313 Nov 25 j 22:48	19°♈00'28	4.31566 AU
direct	-6312 Jan 26 j 00:43	13°♈58'31	
	-6312 May 23 j 03:50	0°♉	
evening set	-6312 Jun 02 j 07:08	2°♉12'07	
conjunction	-6312 Jun 15 j 14:42	5°♉07'57	0°26'36
minimum elong	-6312 Jun 15 j 14:39	5°♉07'56	0°26'48
max. Earth dist.	-6312 Jun 14 j 20:02	4°♉57'40	6.34519 AU
morning rise	-6312 Jun 28 j 18:41	8°♉02'02	
	-6312 Jul 31 j 19:07	15°♉	
retrograde	-6312 Oct 27 j 08:34	25°♉14'27	
opposition	-6312 Dec 26 j 07:16	20°♉20'51	1°10'18
min. Earth dist.	-6312 Dec 27 j 01:15	20°♉15'01	4.36385 AU
direct	-6311 Feb 26 j 12:23	15°♉17'46	
	-6311 Jun 19 j 01:09	0°♊	
evening set	-6311 Jul 04 j 11:35	3°♊20'07	
max. Earth dist.	-6311 Jul 15 j 23:08	5°♊51'59	6.36906 AU
conjunction	-6311 Jul 17 j 09:12	6°♊10'50	1°07'00
minimum elong	-6311 Jul 17 j 09:08	6°♊10'47	1°07'21
morning rise	-6311 Jul 30 j 03:41	8°♊59'58	
retrograde	-6311 Nov 27 j 17:48	26°♊08'58	
opposition	-6310 Jan 27 j 04:23	21°♊17'17	1°57'14
min. Earth dist.	-6310 Jan 28 j 07:11	21°♊08'43	4.36323 AU
direct	-6310 Mar 30 j 19:05	16°♊16'16	
	-6310 Jul 16 j 03:19	0°♋	
evening set	-6310 Aug 04 j 19:50	4°♋16'47	
max. Earth dist.	-6310 Aug 15 j 19:32	6°♋43'45	6.34265 AU
conjunction	-6310 Aug 17 j 09:44	7°♋05'07	1°28'12
minimum elong	-6310 Aug 17 j 09:43	7°♋05'07	1°28'36
morning rise	-6310 Aug 29 j 21:20	9°♋52'27	
retrograde	-6310 Dec 29 j 22:55	27°♋21'46	
opposition	-6309 Feb 28 j 22:11	22°♋30'07	2°11'07
min. Earth dist.	-6309 Mar 02 j 00:12	22°♋21'51	4.31364 AU
direct	-6309 May 02 j 04:08	17°♋31'57	
	-6309 Aug 10 j 05:34	0°♌	
evening set	-6309 Sep 05 j 00:14	5°♌39'20	
max. Earth dist.	-6309 Sep 16 j 03:34	8°♌11'06	6.27340 AU
conjunction	-6309 Sep 17 j 11:10	8°♌29'06	1°23'57
minimum elong	-6309 Sep 17 j 11:13	8°♌29'08	1°24'18
morning rise	-6309 Sep 29 j 21:28	11°♌18'43	

Attention, astronomical year style is used: The year -6309 in astronomical counting style is the year 6310 BCE in historical counting style.

	-6309 Oct 16 j 10:07	15°♌	
retrograde	-6308 Feb 01 j 16:47	29°♌27'33	
opposition	-6308 Apr 02 j 22:02	24°♌34'04	1°45'57
min. Earth dist.	-6308 Apr 03 j 16:57	24°♌28'03	4.22872 AU
direct	-6308 Jun 03 j 06:57	19°♌38'46	
	-6308 Aug 30 j 09:35	0°♍	
evening set	-6308 Oct 05 j 19:29	8°♍00'11	
conjunction	-6308 Oct 18 j 09:14	10°♍55'01	0°53'49
minimum elong	-6308 Oct 18 j 09:18	10°♍55'03	0°53'58
max. Earth dist.	-6308 Oct 17 j 16:29	10°♍45'17	6.18060 AU
morning rise	-6308 Oct 31 j 00:16	13°♍50'40	
	-6307 Jan 23 j 08:24	0°♎	
retrograde	-6307 Mar 07 j 22:32	2°♎49'17	
	-6307 Apr 21 j 02:59	30°℞♍	
opposition	-6307 May 08 j 04:11	27°♍52'26	0°45'24
min. Earth dist.	-6307 May 08 j 07:29	27°♍51'22	4.13398 AU
direct	-6307 Jul 07 j 05:32	22°♍59'06	
	-6307 Sep 14 j 15:51	0°♎	
evening set	-6307 Nov 07 j 23:17	11°♎39'17	
conjunction	-6307 Nov 20 j 19:53	14°♎40'52	0°05'04
minimum elong	-6307 Nov 20 j 19:54	14°♎40'53	0°05'01
behind sun begin	-6307 Nov 20 j 12:02	14°♎36'16	
behind sun end	-6307 Nov 21 j 03:46	14°♎45'30	
max. Earth dist.	-6307 Nov 21 j 02:05	14°♎44'30	6.09318 AU
morning rise	-6307 Dec 03 j 19:07	17°♎44'01	
desc. node	-6307 Dec 28 j 10:38	23°♎21'53	
	-6306 Jan 30 j 01:16	0°♏	
retrograde	-6306 Apr 13 j 12:47	7°♏28'40	
opposition	-6306 Jun 13 j 07:56	2°♏27'51	-0°33'25
min. Earth dist.	-6306 Jun 12 j 19:59	2°♏31'47	4.06124 AU
	-6306 Jul 02 j 22:48	30°℞♎	
direct	-6306 Aug 11 j 04:58	27°♎34'47	
	-6306 Sep 18 j 20:04	0°♏	
	-6306 Dec 06 j 06:04	15°♏	
evening set	-6306 Dec 12 j 21:31	16°♏33'30	
conjunction	-6306 Dec 26 j 02:01	19°♏40'47	-0°46'44
minimum elong	-6306 Dec 26 j 01:57	19°♏40'45	0°47'01
max. Earth dist.	-6306 Dec 27 j 05:41	19°♏57'11	6.04151 AU
morning rise	-6305 Jan 08 j 10:00	22°♏49'56	
	-6305 Feb 08 j 22:44	0°♐	
retrograde	-6305 May 20 j 08:17	12°♐58'39	
opposition	-6305 Jul 19 j 14:06	7°♐54'35	-1°41'39
min. Earth dist.	-6305 Jul 18 j 13:55	8°♐02'44	4.03717 AU
direct	-6305 Sep 15 j 16:37	2°♐59'45	
evening set	-6304 Jan 18 j 08:17	22°♐09'39	
conjunction	-6304 Jan 31 j 19:46	25°♐19'39	-1°21'45
minimum elong	-6304 Jan 31 j 19:43	25°♐19'37	1°22'09
max. Earth dist.	-6304 Feb 02 j 11:44	25°♐43'10	6.04570 AU
morning rise	-6304 Feb 14 j 10:17	28°♐31'07	
	-6304 Feb 20 j 19:25	0°♑	
retrograde	-6304 Jun 24 j 10:27	18°♑29'06	
min. Earth dist.	-6304 Aug 22 j 00:22	13°♑32'44	4.07041 AU
opposition	-6304 Aug 23 j 02:15	13°♑23'54	-2°11'48
direct	-6304 Oct 20 j 07:46	8°♑25'48	
evening set	-6303 Feb 23 j 07:38	27°♑33'08	
	-6303 Mar 05 j 22:26	0°♒	
conjunction	-6303 Mar 09 j 00:18	0°♒42'40	-1°26'23
minimum elong	-6303 Mar 09 j 00:20	0°♒42'42	1°26'45
max. Earth dist.	-6303 Mar 10 j 15:03	1°♒05'03	6.10418 AU
morning rise	-6303 Mar 22 j 18:12	3°♒52'44	
	-6303 May 13 j 23:32	15°♒	
retrograde	-6303 Jul 29 j 00:57	23°♒08'44	

opposition	-6303 Sep 26 j 07:30	18°♒05'04	-1°53'48
min. Earth dist.	-6303 Sep 25 j 12:00	18°♒11'43	4.14808 AU
	-6303 Oct 20 j 18:09	15°℞♒	
direct	-6303 Nov 24 j 07:48	13°♒03'43	
	-6303 Dec 29 j 06:52	15°♒	
	-6302 Mar 23 j 00:58	0°♓	
evening set	-6302 Mar 31 j 15:28	1°♓55'20	
conjunction	-6302 Apr 14 j 09:31	5°♓01'40	-1°00'29
minimum elong	-6302 Apr 14 j 09:35	5°♓01'43	1°00'41
max. Earth dist.	-6302 Apr 15 j 06:18	5°♓13'25	6.19487 AU
morning rise	-6302 Apr 28 j 03:02	8°♓07'30	
retrograde	-6302 Aug 30 j 22:40	26°♓29'20	
opposition	-6302 Oct 29 j 04:51	21°♓28'59	-0°58'25
min. Earth dist.	-6302 Oct 28 j 22:11	21°♓31'14	4.24219 AU
direct	-6302 Dec 28 j 10:51	16°♓25'29	
	-6301 Apr 12 j 17:48	0°♈	
evening set	-6301 May 05 j 13:40	4°♈56'01	
conjunction	-6301 May 19 j 04:14	7°♈57'09	-0°15'31
minimum elong	-6301 May 19 j 04:15	7°♈57'10	0°15'29
behind sun begin	-6301 May 19 j 02:34	7°♈56'14	
behind sun end	-6301 May 19 j 05:55	7°♈58'06	
max. Earth dist.	-6301 May 19 j 03:53	7°♈56'58	6.28619 AU
morning rise	-6301 Jun 01 j 16:02	10°♈56'50	
asc. node	-6301 Sep 20 j 19:25	28°♈21'16	
retrograde	-6301 Oct 01 j 15:07	28°♈32'45	
opposition	-6301 Nov 30 j 03:38	23°♈36'21	0°12'54
min. Earth dist.	-6301 Nov 30 j 10:47	23°♈34'00	4.32288 AU
direct	-6300 Jan 30 j 14:15	18°♈32'28	
	-6300 May 05 j 23:19	0°♉	
evening set	-6300 Jun 06 j 22:09	6°♉44'36	
max. Earth dist.	-6300 Jun 19 j 06:11	9°♉27'30	6.35029 AU
conjunction	-6300 Jun 20 j 04:13	9°♉39'40	0°33'06
minimum elong	-6300 Jun 20 j 04:10	9°♉39'38	0°33'19
morning rise	-6300 Jul 03 j 07:02	12°♉33'00	
	-6300 Jul 14 j 13:32	15°♉	
retrograde	-6300 Oct 31 j 19:11	29°♉43'40	
opposition	-6300 Dec 30 j 18:48	24°♉50'24	1°18'30
min. Earth dist.	-6300 Dec 31 j 14:34	24°♉43'59	4.36686 AU
direct	-6299 Mar 03 j 02:49	19°♉47'33	
	-6299 Jun 01 j 13:39	0°♊	
evening set	-6299 Jul 08 j 22:45	7°♊48'53	
max. Earth dist.	-6299 Jul 20 j 09:40	10°♊20'28	6.36974 AU
conjunction	-6299 Jul 21 j 19:15	10°♊39'02	1°11'19
minimum elong	-6299 Jul 21 j 19:11	10°♊39'00	1°11'42
morning rise	-6299 Aug 03 j 12:22	13°♊27'37	
	-6299 Nov 12 j 05:39	0°♋	
retrograde	-6299 Dec 02 j 03:45	0°♋37'26	
	-6299 Dec 22 j 03:37	30°℞♊	
opposition	-6298 Jan 31 j 17:34	25°♊45'50	2°01'19
min. Earth dist.	-6298 Feb 01 j 19:22	25°♊37'36	4.36182 AU
direct	-6298 Apr 04 j 07:17	20°♊45'14	
	-6298 Jun 28 j 09:26	0°♋	
evening set	-6298 Aug 09 j 04:48	8°♋45'04	
max. Earth dist.	-6298 Aug 20 j 04:02	11°♋12'02	6.33915 AU
conjunction	-6298 Aug 21 j 17:46	11°♋33'11	1°29'10
minimum elong	-6298 Aug 21 j 17:45	11°♋33'10	1°29'34
morning rise	-6298 Sep 03 j 04:48	14°♋20'23	
	-6298 Nov 29 j 06:55	0°♌	
retrograde	-6297 Jan 03 j 13:50	1°♌52'44	
	-6297 Feb 08 j 03:51	30°℞♋	
opposition	-6297 Mar 05 j 13:59	27°♋00'56	2°09'52
min. Earth dist.	-6297 Mar 06 j 16:10	26°♋52'38	4.30812 AU

Attention, astronomical year style is used: The year -6297 in astronomical counting style is the year 6298 BCE in historical counting style.

direct	-6297 May 06 j 19:31	22°♋03'10	
	-6297 Jul 22 j 20:40	0°♌	
evening set	-6297 Sep 09 j 08:41	10°♌10'26	
conjunction	-6297 Sep 21 j 19:40	13°♌00'30	1°21'12
minimum elong	-6297 Sep 21 j 19:42	13°♌00'32	1°21'32
max. Earth dist.	-6297 Sep 20 j 13:22	12°♌43'13	6.26631 AU
	-6297 Sep 30 j 13:16	15°♌	
morning rise	-6297 Oct 04 j 06:13	15°♌50'33	
	-6297 Dec 15 j 09:26	0°♍	
retrograde	-6296 Feb 06 j 08:48	4°♍04'02	
	-6296 Apr 01 j 03:06	30°℞♌	
opposition	-6296 Apr 07 j 16:17	29°♌10'09	1°39'24
min. Earth dist.	-6296 Apr 08 j 08:39	29°♌04'56	4.22043 AU
direct	-6296 Jun 07 j 20:58	24°♌15'10	
	-6296 Aug 10 j 04:19	0°♍	
evening set	-6296 Oct 10 j 05:53	12°♍37'22	
conjunction	-6296 Oct 22 j 20:19	15°♍32'52	0°47'57
minimum elong	-6296 Oct 22 j 20:23	15°♍32'54	0°48'05
max. Earth dist.	-6296 Oct 22 j 06:35	15°♍24'53	6.17189 AU
morning rise	-6296 Nov 04 j 12:10	18°♍29'18	
	-6296 Dec 28 j 16:09	0°♎	
retrograde	-6295 Mar 12 j 21:07	7°♎33'23	
opposition	-6295 May 13 j 00:56	2°♎36'03	0°35'11
min. Earth dist.	-6295 May 13 j 03:27	2°♎35'14	4.12523 AU
	-6295 Jun 03 j 06:16	30°℞♍	
direct	-6295 Jul 11 j 23:34	27°♍42'50	
	-6295 Aug 19 j 00:15	0°♎	
desc. node	-6295 Nov 08 j 15:26	15°♎29'31	
evening set	-6295 Nov 12 j 13:56	16°♎24'46	
conjunction	-6295 Nov 25 j 11:31	19°♎27'09	-0°02'18
minimum elong	-6295 Nov 25 j 11:31	19°♎27'08	0°02'24
behind sun begin	-6295 Nov 25 j 03:24	19°♎22'23	
behind sun end	-6295 Nov 25 j 19:37	19°♎31'54	
max. Earth dist.	-6295 Nov 25 j 19:36	19°♎31'53	6.08522 AU
morning rise	-6295 Dec 08 j 12:00	22°♎31'10	
	-6294 Jan 10 j 15:07	0°♏	
retrograde	-6294 Apr 18 j 11:20	12°♏20'21	
opposition	-6294 Jun 18 j 05:27	7°♏19'05	-0°43'55
min. Earth dist.	-6294 Jun 17 j 15:20	7°♏23'45	4.05502 AU
direct	-6294 Aug 15 j 21:50	2°♏25'56	
	-6294 Nov 19 j 13:47	15°♏	
evening set	-6294 Dec 17 j 17:48	21°♏27'02	
conjunction	-6294 Dec 30 j 23:18	24°♏34'56	-0°52'49
minimum elong	-6294 Dec 30 j 23:14	24°♏34'54	0°53'07
max. Earth dist.	-6293 Jan 01 j 04:15	24°♏52'06	6.03744 AU
morning rise	-6293 Jan 13 j 08:17	27°♏44'41	
	-6293 Jan 23 j 00:09	0°♐	
retrograde	-6293 May 25 j 07:23	17°♐55'02	
min. Earth dist.	-6293 Jul 23 j 10:41	12°♐58'53	4.03580 AU
opposition	-6293 Jul 24 j 10:51	12°♐50'43	-1°48'22
direct	-6293 Sep 20 j 13:06	7°♐55'30	
evening set	-6292 Jan 23 j 08:41	27°♐07'14	
	-6292 Feb 04 j 15:16	0°♑	
conjunction	-6292 Feb 05 j 21:12	0°♑17'35	-1°24'16
minimum elong	-6292 Feb 05 j 21:10	0°♑17'34	1°24'40
max. Earth dist.	-6292 Feb 07 j 14:37	0°♑41'55	6.04722 AU
morning rise	-6292 Feb 19 j 12:22	3°♑29'16	
retrograde	-6292 Jun 29 j 07:56	23°♑24'45	
opposition	-6292 Aug 27 j 20:46	18°♑19'42	-2°12'04
min. Earth dist.	-6292 Aug 26 j 19:16	18°♑28'25	4.07487 AU
direct	-6292 Oct 25 j 02:57	13°♑21'12	
	-6291 Feb 17 j 11:42	0°♒	
evening set	-6291 Feb 28 j 09:04	2°♒28'41	
conjunction	-6291 Mar 14 j 02:07	5°♒38'09	-1°24'24
minimum elong	-6291 Mar 14 j 02:10	5°♒38'11	1°24'45
max. Earth dist.	-6291 Mar 15 j 14:00	5°♒58'50	6.11116 AU
morning rise	-6291 Mar 27 j 20:29	8°♒48'03	
	-6291 Apr 24 j 17:38	15°♒	
retrograde	-6291 Aug 02 j 16:32	27°♒58'34	
opposition	-6291 Sep 30 j 22:54	22°♒55'14	-1°47'52
min. Earth dist.	-6291 Sep 30 j 04:35	23°♒01'29	4.15685 AU
direct	-6291 Nov 29 j 02:27	17°♒53'31	
	-6290 Mar 05 j 15:41	0°♓	
evening set	-6290 Apr 05 j 14:25	6°♓43'41	
conjunction	-6290 Apr 19 j 08:31	9°♓49'36	-0°54'58
minimum elong	-6290 Apr 19 j 08:35	9°♓49'38	0°55'08
max. Earth dist.	-6290 Apr 20 j 04:12	10°♓00'43	6.20512 AU
morning rise	-6290 May 03 j 01:27	12°♓54'48	
	-6290 Aug 08 j 12:46	0°♈	
retrograde	-6290 Sep 04 j 11:11	1°♈10'18	
	-6290 Oct 01 j 04:01	30°℞♓	
opposition	-6290 Nov 02 j 17:18	26°♓10'30	-0°48'49
min. Earth dist.	-6290 Nov 02 j 12:07	26°♓12'14	4.25278 AU
direct	-6289 Jan 02 j 02:51	21°♓06'53	
	-6289 Mar 25 j 03:11	0°♈	
evening set	-6289 May 10 j 08:11	9°♈35'00	
conjunction	-6289 May 23 j 21:42	12°♈35'19	-0°08'33
minimum elong	-6289 May 23 j 21:44	12°♈35'20	0°08'30
behind sun begin	-6289 May 23 j 14:33	12°♈31'22	
behind sun end	-6289 May 24 j 04:54	12°♈39'18	
max. Earth dist.	-6289 May 23 j 17:42	12°♈33'07	6.29627 AU
morning rise	-6289 Jun 06 j 08:36	15°♈34'10	
asc. node	-6289 Jul 31 j 11:31	26°♈42'37	
	-6289 Aug 22 j 03:51	0°♉	
retrograde	-6289 Oct 06 j 00:07	3°♉05'16	
	-6289 Nov 20 j 05:52	30°℞♈	
opposition	-6289 Dec 04 j 14:23	28°♈09'16	0°22'55
min. Earth dist.	-6289 Dec 04 j 23:20	28°♈06'19	4.33159 AU
direct	-6288 Feb 04 j 05:01	23°♈05'21	
	-6288 Apr 16 j 06:50	0°♉	
evening set	-6288 Jun 11 j 11:25	11°♉15'10	
conjunction	-6288 Jun 24 j 16:15	14°♉09'25	0°39'22
minimum elong	-6288 Jun 24 j 16:12	14°♉09'23	0°39'36
max. Earth dist.	-6288 Jun 23 j 17:40	13°♉56'57	6.35675 AU
	-6288 Jun 28 j 11:57	15°♉	
morning rise	-6288 Jul 07 j 17:29	17°♉01'52	
	-6288 Sep 13 j 01:55	0°♊	
retrograde	-6288 Nov 05 j 02:47	4°♊10'29	
	-6288 Dec 29 j 17:22	30°℞♉	
opposition	-6287 Jan 04 j 05:16	29°♉17'31	1°26'11
min. Earth dist.	-6287 Jan 05 j 01:41	29°♉10'54	4.37047 AU
direct	-6287 Mar 07 j 14:56	24°♉14'54	
	-6287 May 12 j 02:09	0°♊	
evening set	-6287 Jul 13 j 08:20	12°♊14'52	
max. Earth dist.	-6287 Jul 24 j 15:22	14°♊44'29	6.36979 AU
conjunction	-6287 Jul 26 j 03:23	15°♊04'25	1°15'13
minimum elong	-6287 Jul 26 j 03:19	15°♊04'23	1°15'35
morning rise	-6287 Aug 07 j 19:31	17°♊52'32	
	-6287 Oct 08 j 09:02	0°♋	
retrograde	-6287 Dec 06 j 14:49	5°♋03'37	
opposition	-6286 Feb 05 j 05:46	0°♋12'03	2°04'43
min. Earth dist.	-6286 Feb 06 j 08:55	0°♋03'24	4.35825 AU
	-6286 Feb 06 j 19:34	30°℞♊	
direct	-6286 Apr 08 j 20:37	25°♊11'44	

Attention, astronomical year style is used: The year -6286 in astronomical counting style is the year 6287 BCE in historical counting style.

	-6286 Jun 06 j 22:44	0°♋		
evening set	-6286 Aug 13 j 12:30	13°♋11'41		
max. Earth dist.	-6286 Aug 24 j 12:15	15°♋39'11	6.33208 AU	
conjunction	-6286 Aug 26 j 00:59	15°♋59'48	1°29'39	
minimum elong	-6286 Aug 26 j 00:59	15°♋59'48	1°30'03	
morning rise	-6286 Sep 07 j 11:28	18°♋47'05		
	-6286 Nov 01 j 12:25	0°♌		
retrograde	-6285 Jan 08 j 02:41	6°♌23'48		
opposition	-6285 Mar 10 j 05:32	1°♌31'48	2°07'57	
min. Earth dist.	-6285 Mar 11 j 06:21	1°♌23'56	4.29797 AU	
	-6285 Mar 22 j 11:50	30°℞♋		
direct	-6285 May 11 j 07:48	26°♋34'25		
	-6285 Jun 29 j 01:52	0°♌		
evening set	-6285 Sep 13 j 17:29	14°♌43'14		
	-6285 Sep 14 j 23:02	15°♌		
max. Earth dist.	-6285 Sep 24 j 23:28	17°♌17'13	6.25389 AU	
conjunction	-6285 Sep 26 j 04:31	17°♌33'51	1°17'59	
minimum elong	-6285 Sep 26 j 04:35	17°♌33'53	1°18'17	
morning rise	-6285 Oct 08 j 15:32	20°♌24'36		
	-6285 Nov 22 j 13:49	0°♍		
retrograde	-6284 Feb 11 j 05:54	8°♍44'51		
opposition	-6284 Apr 12 j 12:27	3°♍50'33	1°32'13	
min. Earth dist.	-6284 Apr 13 j 04:12	3°♍45'32	4.20628 AU	
	-6284 May 17 j 04:53	30°℞♌		
direct	-6284 Jun 12 j 14:16	28°♌55'49		
	-6284 Jul 08 j 18:34	0°♍		
evening set	-6284 Oct 14 j 18:42	17°♍20'51		
conjunction	-6284 Oct 27 j 10:03	20°♍17'21	0°41'40	
minimum elong	-6284 Oct 27 j 10:06	20°♍17'23	0°41'47	
max. Earth dist.	-6284 Oct 26 j 22:46	20°♍10'46	6.15745 AU	
morning rise	-6284 Nov 09 j 02:59	23°♍14'52		
	-6284 Dec 09 j 05:54	0°♎		
retrograde	-6283 Mar 17 j 21:33	12°♎26'20		
opposition	-6283 May 18 j 00:52	7°♎28'29	0°24'27	
min. Earth dist.	-6283 May 18 j 00:37	7°♎28'34	4.11171 AU	
direct	-6283 Jul 16 j 17:50	2°♎35'24		
desc. node	-6283 Sep 18 j 06:04	8°♎36'27		
evening set	-6283 Nov 17 j 09:16	21°♎20'53		
conjunction	-6283 Nov 30 j 07:56	24°♎24'14	-0°09'47	
minimum elong	-6283 Nov 30 j 07:55	24°♎24'13	0°09'55	
behind sun begin	-6283 Nov 30 j 01:18	24°♎20'19		
behind sun end	-6283 Nov 30 j 14:31	24°♎28'07		
max. Earth dist.	-6283 Nov 30 j 18:47	24°♎30'38	6.07387 AU	
morning rise	-6283 Dec 13 j 09:40	27°♎29'19		
	-6283 Dec 24 j 04:36	0°♏		
	-6282 Mar 14 j 21:17	15°♏		
retrograde	-6282 Apr 23 j 15:43	17°♏24'03		
	-6282 Jun 02 j 09:54	15°℞♏		
opposition	-6282 Jun 23 j 07:38	12°♏22'16	-0°54'34	
min. Earth dist.	-6282 Jun 22 j 15:56	12°♏27'28	4.04701 AU	
direct	-6282 Aug 20 j 21:30	7°♏28'57		
	-6282 Oct 30 j 20:09	15°♏		
evening set	-6282 Dec 22 j 19:28	26°♏32'58		
conjunction	-6281 Jan 05 j 02:10	29°♏41'32	-0°58'47	
minimum elong	-6281 Jan 05 j 02:05	29°♏41'29	0°59'07	
max. Earth dist.	-6281 Jan 06 j 10:56	0°♐00'57	6.03365 AU	
	-6281 Jan 06 j 09:19	0°♐		
morning rise	-6281 Jan 18 j 12:09	2°♐51'52		
retrograde	-6281 May 30 j 11:45	23°♐02'56		
min. Earth dist.	-6281 Jul 28 j 10:56	18°♐06'59	4.03721 AU	
opposition	-6281 Jul 29 j 12:13	17°♐58'26	-1°54'34	
direct	-6281 Sep 25 j 13:20	13°♐02'54		

	-6280 Jan 18 j 20:43	0°♑		
evening set	-6280 Jan 28 j 14:04	2°♑15'08		
conjunction	-6280 Feb 11 j 03:12	5°♑25'29	-1°26'17	
minimum elong	-6280 Feb 11 j 03:10	5°♑25'28	1°26'40	
max. Earth dist.	-6280 Feb 12 j 20:15	5°♑49'33	6.05365 AU	
morning rise	-6280 Feb 24 j 19:08	8°♑37'08		
retrograde	-6280 Jul 04 j 05:24	28°♑27'25		
opposition	-6280 Sep 01 j 17:57	23°♑22'26	-2°11'23	
min. Earth dist.	-6280 Aug 31 j 16:04	23°♑31'18	4.08600 AU	
direct	-6280 Oct 30 j 02:15	18°♑23'28		
	-6279 Jan 30 j 16:04	0°♒		
evening set	-6279 Mar 05 j 12:43	7°♒28'17		
conjunction	-6279 Mar 19 j 06:15	10°♒37'16	-1°21'50	
minimum elong	-6279 Mar 19 j 06:18	10°♒37'18	1°22'09	
max. Earth dist.	-6279 Mar 20 j 18:04	10°♒57'51	6.12629 AU	
morning rise	-6279 Apr 02 j 00:28	13°♒46'27		
	-6279 Apr 07 j 10:07	15°♒		
	-6279 Jun 26 j 00:07	0°♓		
retrograde	-6279 Aug 07 j 08:47	2°♓47'58		
	-6279 Sep 18 j 11:12	30°℞♒		
opposition	-6279 Oct 05 j 14:27	27°♒45'03	-1°41'12	
min. Earth dist.	-6279 Oct 04 j 21:48	27°♒50'43	4.17428 AU	
direct	-6279 Dec 03 j 22:25	22°♒43'01		
	-6278 Feb 13 j 21:42	0°♓		
evening set	-6278 Apr 10 j 12:15	11°♓28'23		
conjunction	-6278 Apr 24 j 05:52	14°♓33'22	-0°49'11	
minimum elong	-6278 Apr 24 j 05:57	14°♓33'24	0°49'20	
max. Earth dist.	-6278 Apr 24 j 22:06	14°♓42'29	6.22339 AU	
morning rise	-6278 May 07 j 22:16	17°♓37'31		
	-6278 Jul 08 j 07:01	0°♈		
retrograde	-6278 Sep 08 j 19:00	5°♈44'11		
opposition	-6278 Nov 07 j 03:30	0°♈44'52	-0°39'10	
min. Earth dist.	-6278 Nov 06 j 23:53	0°♈46'04	4.27020 AU	
	-6278 Nov 12 j 17:42	30°℞♓		
direct	-6277 Jan 06 j 17:42	25°♓41'05		
	-6277 Mar 02 j 16:06	0°♈		
evening set	-6277 May 14 j 22:48	14°♈04'32		
conjunction	-6277 May 28 j 11:17	17°♈03'47	-0°01'47	
minimum elong	-6277 May 28 j 11:17	17°♈03'47	0°01'41	
behind sun begin	-6277 May 28 j 03:03	16°♈59'14		
behind sun end	-6277 May 28 j 19:32	17°♈08'19		
max. Earth dist.	-6277 May 28 j 04:34	17°♈00'05	6.31151 AU	
morning rise	-6277 Jun 10 j 20:48	20°♈01'28		
asc. node	-6277 Jun 11 j 11:03	20°♈09'18		
	-6277 Jul 29 j 13:05	0°♉		
retrograde	-6277 Oct 10 j 05:24	7°♉26'39		
opposition	-6277 Dec 08 j 21:15	2°♉31'11	0°32'24	
min. Earth dist.	-6277 Dec 09 j 08:35	2°♉27'28	4.34343 AU	
	-6277 Dec 28 j 23:40	30°℞♈		
direct	-6276 Feb 08 j 16:00	27°♈27'23		
	-6276 Mar 21 j 16:08	0°♉		
	-6276 Jun 13 j 05:30	15°♉		
evening set	-6276 Jun 15 j 20:08	15°♉34'10		
conjunction	-6276 Jun 28 j 23:31	18°♉27'31	0°45'08	
minimum elong	-6276 Jun 28 j 23:28	18°♉27'29	0°45'25	
max. Earth dist.	-6276 Jun 27 j 20:46	18°♉12'47	6.36396 AU	
morning rise	-6276 Jul 11 j 23:31	21°♉19'09		
	-6276 Aug 22 j 22:12	0°♊		
retrograde	-6276 Nov 09 j 07:27	8°♊26'06		
opposition	-6275 Jan 08 j 11:39	3°♊33'25	1°33'03	
min. Earth dist.	-6275 Jan 09 j 10:08	3°♊26'10	4.37282 AU	
	-6275 Feb 08 j 05:40	30°℞♉		

Attention, astronomical year style is used: The year -6275 in astronomical counting style is the year 6276 BCE in historical counting style.

direct	-6275 Mar 11 j 23:18	28°♉30'59	
	-6275 Apr 12 j 21:35	0°♊	
evening set	-6275 Jul 17 j 13:24	16°♊30'24	
max. Earth dist.	-6275 Jul 28 j 19:03	18°♊59'25	6.36685 AU
conjunction	-6275 Jul 30 j 07:29	19°♊19'37	1°18'32
minimum elong	-6275 Jul 30 j 07:25	19°♊19'36	1°18'55
morning rise	-6275 Aug 11 j 22:27	22°♊07'25	
	-6275 Sep 18 j 09:54	0°♋	
retrograde	-6275 Dec 10 j 21:37	9°♋21'14	
opposition	-6274 Feb 09 j 14:46	4°♋29'47	2°07'22
min. Earth dist.	-6274 Feb 10 j 18:27	4°♋20'58	4.35032 AU
	-6274 Mar 25 j 20:55	30°℞♊	
direct	-6274 Apr 13 j 04:24	29°♊29'51	
	-6274 May 01 j 12:46	0°♋	
evening set	-6274 Aug 17 j 17:22	17°♋31'38	
max. Earth dist.	-6274 Aug 28 j 15:04	19°♋58'31	6.31955 AU
conjunction	-6274 Aug 30 j 05:15	20°♋20'01	1°29'36
minimum elong	-6274 Aug 30 j 05:15	20°♋20'01	1°30'00
morning rise	-6274 Sep 11 j 15:40	23°♋07'45	
	-6274 Oct 13 j 12:05	0°♌	
retrograde	-6273 Jan 12 j 17:22	10°♌51'08	
opposition	-6273 Mar 14 j 19:47	5°♌58'57	2°05'21
min. Earth dist.	-6273 Mar 15 j 20:43	5°♌51'02	4.28159 AU
direct	-6273 May 15 j 19:25	1°♌01'54	
	-6273 Aug 30 j 01:53	15°♌	
evening set	-6273 Sep 18 j 01:29	19°♌14'38	
max. Earth dist.	-6273 Sep 29 j 10:22	21°♌50'52	6.23518 AU
conjunction	-6273 Sep 30 j 13:04	22°♌06'13	1°14'18
minimum elong	-6273 Sep 30 j 13:08	22°♌06'15	1°14'35
morning rise	-6273 Oct 13 j 00:38	24°♌58'01	
	-6273 Nov 04 j 13:36	0°♍	
retrograde	-6272 Feb 16 j 02:46	13°♍27'20	
opposition	-6272 Apr 17 j 08:54	8°♍32'40	1°24'25
min. Earth dist.	-6272 Apr 17 j 22:20	8°♍28'22	4.18663 AU
direct	-6272 Jun 17 j 04:49	3°♍38'18	
evening set	-6272 Oct 19 j 09:01	22°♍08'16	
conjunction	-6272 Nov 01 j 01:16	25°♍05'59	0°35'03
minimum elong	-6272 Nov 01 j 01:19	25°♍06'01	0°35'08
max. Earth dist.	-6272 Oct 31 j 16:34	25°♍00'54	6.13864 AU
morning rise	-6272 Nov 13 j 19:31	28°♍04'54	
	-6272 Nov 22 j 02:42	0°♎	
retrograde	-6271 Mar 23 j 01:44	17°♎25'29	
opposition	-6271 May 23 j 03:03	12°♎27'01	0°13'21
min. Earth dist.	-6271 May 23 j 00:15	12°♎27'56	4.09528 AU
direct	-6271 Jul 21 j 15:13	7°♎34'02	
desc. node	-6271 Jul 28 j 15:03	7°♎38'55	
evening set	-6271 Nov 22 j 07:07	26°♎24'00	
conjunction	-6271 Dec 05 j 07:07	29°♎28'28	-0°17'20
minimum elong	-6271 Dec 05 j 07:06	29°♎28'27	0°17'30
max. Earth dist.	-6271 Dec 05 j 23:07	29°♎37'56	6.06144 AU
	-6271 Dec 07 j 12:21	0°♏	
morning rise	-6271 Dec 18 j 10:07	2°♏34'39	
	-6270 Feb 14 j 03:09	15°♏	
retrograde	-6270 Apr 28 j 22:47	22°♏34'47	
opposition	-6270 Jun 28 j 12:06	17°♏32'29	-1°04'58
min. Earth dist.	-6270 Jun 27 j 18:09	17°♏38'28	4.04007 AU
	-6270 Jul 18 j 14:48	15°℞♏	
direct	-6270 Aug 25 j 22:51	12°♏39'00	
	-6270 Oct 02 j 20:19	15°♏	
	-6270 Dec 20 j 12:10	0°♐	
evening set	-6270 Dec 27 j 23:58	1°♐45'19	
conjunction	-6269 Jan 10 j 07:32	4°♐54'19	-1°04'23
minimum elong	-6269 Jan 10 j 07:27	4°♐54'17	1°04'45
max. Earth dist.	-6269 Jan 11 j 18:00	5°♐14'44	6.03233 AU
morning rise	-6269 Jan 23 j 18:39	8°♐05'08	
retrograde	-6269 Jun 04 j 14:54	28°♐15'14	
min. Earth dist.	-6269 Aug 02 j 11:32	23°♐19'30	4.04167 AU
opposition	-6269 Aug 03 j 14:25	23°♐10'23	-1°59'55
direct	-6269 Sep 30 j 15:23	18°♐14'20	
	-6269 Dec 31 j 19:10	0°♑	
evening set	-6268 Feb 02 j 20:25	7°♑25'47	
conjunction	-6268 Feb 16 j 10:27	10°♑36'02	-1°27'38
minimum elong	-6268 Feb 16 j 10:26	10°♑36'02	1°28'02
max. Earth dist.	-6268 Feb 18 j 05:14	11°♑01'03	6.06309 AU
morning rise	-6268 Mar 01 j 02:44	13°♑47'23	
	-6268 May 22 j 05:50	0°♒	
retrograde	-6268 Jul 09 j 04:24	3°♒31'07	
	-6268 Aug 26 j 00:15	30°℞♑	
opposition	-6268 Sep 06 j 15:16	28°♑26'13	-2°09'44
min. Earth dist.	-6268 Sep 05 j 14:49	28°♑34'35	4.09907 AU
direct	-6268 Nov 04 j 02:48	23°♑26'45	
	-6267 Jan 09 j 18:39	0°♒	
evening set	-6267 Mar 10 j 16:15	12°♒28'14	
	-6267 Mar 21 j 17:57	15°♒	
conjunction	-6267 Mar 24 j 09:58	15°♒36'38	-1°18'41
minimum elong	-6267 Mar 24 j 10:02	15°♒36'41	1°18'59
max. Earth dist.	-6267 Mar 25 j 19:29	15°♒55'49	6.14163 AU
morning rise	-6267 Apr 07 j 04:17	18°♒45'08	
	-6267 May 30 j 16:51	0°♓	
retrograde	-6267 Aug 11 j 22:56	7°♓37'52	
opposition	-6267 Oct 10 j 05:57	2°♓35'21	-1°33'53
min. Earth dist.	-6267 Oct 09 j 14:18	2°♓40'41	4.19028 AU
	-6267 Oct 30 j 07:40	30°℞♒	
direct	-6267 Dec 08 j 17:38	27°♒32'57	
	-6266 Jan 17 j 15:32	0°♓	
evening set	-6266 Apr 15 j 10:20	16°♓14'20	
conjunction	-6266 Apr 29 j 03:30	19°♓18'27	-0°43'03
minimum elong	-6266 Apr 29 j 03:34	19°♓18'30	0°43'10
max. Earth dist.	-6266 Apr 29 j 16:08	19°♓25'32	6.23897 AU
morning rise	-6266 May 12 j 19:09	22°♓21'39	
	-6266 Jun 17 j 14:37	0°♈	
retrograde	-6266 Sep 13 j 06:29	10°♈20'47	
opposition	-6266 Nov 11 j 14:51	5°♈22'02	-0°29'13
min. Earth dist.	-6266 Nov 11 j 14:16	5°♈22'13	4.28390 AU
direct	-6265 Jan 11 j 10:33	0°♈18'08	
asc. node	-6265 Apr 21 j 00:34	12°♈32'53	
evening set	-6265 May 19 j 14:56	18°♈38'17	
conjunction	-6265 Jun 02 j 02:23	21°♈36'40	0°05'15
minimum elong	-6265 Jun 02 j 02:22	21°♈36'39	0°05'21
behind sun begin	-6265 Jun 01 j 18:26	21°♈32'18	
behind sun end	-6265 Jun 02 j 10:18	21°♈41'01	
max. Earth dist.	-6265 Jun 01 j 16:14	21°♈31'04	6.32231 AU
morning rise	-6265 Jun 15 j 10:41	24°♈33'24	
	-6265 Jul 10 j 21:08	0°♉	
retrograde	-6265 Oct 14 j 12:38	11°♉54'21	
opposition	-6265 Dec 13 j 06:48	6°♉59'19	0°41'55
min. Earth dist.	-6265 Dec 13 j 19:39	6°♉55'06	4.35080 AU
direct	-6264 Feb 13 j 04:10	1°♉55'35	
	-6264 May 27 j 19:56	15°♉	
evening set	-6264 Jun 20 j 07:33	20°♉00'43	
max. Earth dist.	-6264 Jul 02 j 05:11	22°♉37'41	6.36733 AU
conjunction	-6264 Jul 03 j 09:35	22°♉53'21	0°50'50
minimum elong	-6264 Jul 03 j 09:32	22°♉53'19	0°51'09

Attention, astronomical year style is used: The year -6264 in astronomical counting style is the year 6265 BCE in historical counting style.

morning rise	-6264 Jul 16 j 08:10	25°♉44'17		
	-6264 Aug 05 j 03:39	0°♊		
retrograde	-6264 Nov 13 j 16:32	12°♊50'51		
opposition	-6263 Jan 12 j 22:12	7°♊58'30	1°39'43	
min. Earth dist.	-6263 Jan 13 j 22:21	7°♊50'44	4.37212 AU	
direct	-6263 Mar 16 j 11:31	2°♊56'23		
evening set	-6263 Jul 21 j 22:23	20°♊55'51		
max. Earth dist.	-6263 Aug 02 j 00:44	23°♊23'21	6.36191 AU	
conjunction	-6263 Aug 03 j 15:18	23°♊44'46	1°21'34	
minimum elong	-6263 Aug 03 j 15:15	23°♊44'45	1°21'56	
morning rise	-6263 Aug 16 j 05:29	26°♊32'24		
	-6263 Sep 01 j 02:32	0°♋		
retrograde	-6263 Dec 15 j 10:12	13°♋49'30		
opposition	-6262 Feb 14 j 04:31	8°♋58'04	2°09'24	
min. Earth dist.	-6262 Feb 15 j 08:21	8°♋49'12	4.34172 AU	
direct	-6262 Apr 17 j 16:47	3°♋58'29		
evening set	-6262 Aug 22 j 02:19	22°♋01'58		
max. Earth dist.	-6262 Sep 02 j 01:57	24°♋30'19	6.30809 AU	
conjunction	-6262 Sep 03 j 13:58	24°♋50'39	1°29'03	
minimum elong	-6262 Sep 03 j 13:59	24°♋50'40	1°29'26	
morning rise	-6262 Sep 16 j 00:04	27°♋38'46		
	-6262 Sep 26 j 13:47	0°♌		
	-6262 Dec 31 j 00:18	15°♌		
retrograde	-6261 Jan 17 j 11:02	15°♌28'15		
	-6261 Feb 03 j 22:39	15°℞♌		
opposition	-6261 Mar 19 j 14:22	10°♌35'54	2°01'52	
min. Earth dist.	-6261 Mar 20 j 14:01	10°♌28'24	4.26813 AU	
direct	-6261 May 20 j 10:17	5°♌39'21		
	-6261 Aug 12 j 05:09	15°♌		
evening set	-6261 Sep 22 j 13:05	23°♌54'36		
max. Earth dist.	-6261 Oct 03 j 23:28	26°♌32'15	6.22103 AU	
conjunction	-6261 Oct 05 j 00:56	26°♌46'55	1°10'03	
minimum elong	-6261 Oct 05 j 01:00	26°♌46'57	1°10'18	
morning rise	-6261 Oct 17 j 13:20	29°♌39'39		
	-6261 Oct 19 j 00:55	0°♍		
retrograde	-6260 Feb 21 j 02:43	18°♍16'25		
opposition	-6260 Apr 22 j 08:26	13°♍21'15	1°15'50	
min. Earth dist.	-6260 Apr 22 j 19:22	13°♍17'45	4.17284 AU	
direct	-6260 Jun 21 j 23:55	8°♍27'12		
evening set	-6260 Oct 24 j 01:17	26°♍59'50		
conjunction	-6260 Nov 05 j 18:38	29°♍58'31	0°28'07	
minimum elong	-6260 Nov 05 j 18:41	29°♍58'33	0°28'09	
	-6260 Nov 05 j 21:10	0°♎		
max. Earth dist.	-6260 Nov 05 j 14:44	29°♍56'14	6.12683 AU	
morning rise	-6260 Nov 18 j 13:55	2°♎58'27		
retrograde	-6259 Mar 28 j 05:22	22°♎25'07		
opposition	-6259 May 28 j 05:23	17°♎26'08	0°02'07	
min. Earth dist.	-6259 May 28 j 00:17	17°♎27'48	4.08663 AU	
desc. node	-6259 Jun 07 j 17:03	16°♎05'05		
direct	-6259 Jul 26 j 13:50	12°♎33'17		
	-6259 Nov 21 j 03:56	0°♏		
evening set	-6259 Nov 27 j 05:09	1°♏25'07		
conjunction	-6259 Dec 10 j 06:02	4°♏30'13	-0°24'41	
minimum elong	-6259 Dec 10 j 05:59	4°♏30'12	0°24'53	
max. Earth dist.	-6259 Dec 11 j 00:04	4°♏40'54	6.05656 AU	
morning rise	-6259 Dec 23 j 10:20	7°♏37'09		
	-6258 Jan 24 j 23:06	15°♏		
retrograde	-6258 May 04 j 01:12	27°♏39'35		
opposition	-6258 Jul 03 j 13:50	22°♏36'47	-1°14'39	
min. Earth dist.	-6258 Jul 02 j 17:24	22°♏43'36	4.03963 AU	
direct	-6258 Aug 30 j 22:21	17°♏43'01		
	-6258 Dec 03 j 03:12	0°♐		
evening set	-6257 Jan 02 j 01:45	6°♐49'43		
conjunction	-6257 Jan 15 j 10:23	9°♐58'57	-1°09'21	
minimum elong	-6257 Jan 15 j 10:19	9°♐58'54	1°09'43	
max. Earth dist.	-6257 Jan 16 j 23:59	10°♐21'11	6.03616 AU	
morning rise	-6257 Jan 28 j 22:09	13°♐09'51		
	-6257 Apr 24 j 04:12	0°♑		
retrograde	-6257 Jun 09 j 15:50	3°♑17'14		
	-6257 Jul 26 j 00:09	30°℞♐		
min. Earth dist.	-6257 Aug 07 j 10:30	28°♐21'08	4.04940 AU	
opposition	-6257 Aug 08 j 12:40	28°♐12'14	-2°04'08	
direct	-6257 Oct 05 j 14:49	23°♐15'45		
	-6257 Dec 11 j 11:52	0°♑		
evening set	-6256 Feb 07 j 22:55	12°♑25'41		
conjunction	-6256 Feb 21 j 13:28	15°♑35'42	-1°28'18	
minimum elong	-6256 Feb 21 j 13:28	15°♑35'42	1°28'42	
max. Earth dist.	-6256 Feb 23 j 07:10	16°♑00'00	6.07371 AU	
morning rise	-6256 Mar 06 j 06:18	18°♑46'44		
	-6256 Apr 27 j 11:30	0°♒		
retrograde	-6256 Jul 13 j 21:05	8°♒23'45		
min. Earth dist.	-6256 Sep 10 j 07:55	3°♒27'21	4.11157 AU	
opposition	-6256 Sep 11 j 08:02	3°♒19'07	-2°07'13	
	-6256 Oct 08 j 00:42	30°℞♑		
direct	-6256 Nov 08 j 21:23	28°♑19'12		
	-6256 Dec 11 j 02:41	0°♒		
	-6255 Mar 05 j 10:42	15°♒		
evening set	-6255 Mar 15 j 15:58	17°♒18'06		
conjunction	-6255 Mar 29 j 09:51	20°♒26'01	-1°15'05	
minimum elong	-6255 Mar 29 j 09:56	20°♒26'03	1°15'22	
max. Earth dist.	-6255 Mar 30 j 15:51	20°♒43'08	6.15500 AU	
morning rise	-6255 Apr 12 j 04:04	23°♒33'53		
	-6255 May 11 j 11:35	0°♓		
retrograde	-6255 Aug 16 j 12:27	12°♓19'06		
opposition	-6255 Oct 14 j 18:10	7°♓17'06	-1°26'13	
min. Earth dist.	-6255 Oct 14 j 05:37	7°♓21'22	4.20303 AU	
direct	-6255 Dec 13 j 11:13	2°♓14'24		
evening set	-6254 Apr 20 j 05:19	20°♓53'12		
conjunction	-6254 May 03 j 22:09	23°♓56'44	-0°36'50	
minimum elong	-6254 May 03 j 22:13	23°♓56'45	0°36'54	
max. Earth dist.	-6254 May 04 j 07:58	24°♓02'13	6.25025 AU	
morning rise	-6254 May 17 j 13:03	26°♓59'10		
	-6254 May 31 j 06:32	0°♈		
retrograde	-6254 Sep 17 j 14:32	14°♈52'38		
opposition	-6254 Nov 16 j 00:19	9°♈54'28	-0°19'19	
min. Earth dist.	-6254 Nov 16 j 01:03	9°♈54'13	4.29291 AU	
direct	-6253 Jan 15 j 22:45	4°♈50'31		
asc. node	-6253 Mar 01 j 11:59	7°♈44'16		
evening set	-6253 May 24 j 05:35	23°♈09'10		
conjunction	-6253 Jun 06 j 15:48	26°♈06'49	0°11'59	
minimum elong	-6253 Jun 06 j 15:47	26°♈06'48	0°12'07	
behind sun begin	-6253 Jun 06 j 10:19	26°♈03'48		
behind sun end	-6253 Jun 06 j 21:15	26°♈09'49		
max. Earth dist.	-6253 Jun 06 j 01:57	25°♈59'10	6.32845 AU	
morning rise	-6253 Jun 19 j 22:58	29°♈02'51		
	-6253 Jun 24 j 07:26	0°♉		
	-6253 Sep 19 j 14:57	15°♉		
retrograde	-6253 Oct 18 j 22:03	16°♉21'20		
	-6253 Nov 17 j 03:42	15°℞♉		
opposition	-6253 Dec 17 j 16:11	11°♉26'48	0°51'06	
min. Earth dist.	-6253 Dec 18 j 07:39	11°♉21'45	4.35383 AU	
direct	-6252 Feb 17 j 17:00	6°♉23'14		
	-6252 May 09 j 14:13	15°♉		
evening set	-6252 Jun 24 j 18:53	24°♉28'04		

Attention, astronomical year style is used: The year -6252 in astronomical counting style is the year 6253 BCE in historical counting style.

conjunction	-6252 Jul 07 j 19:42	27°♉20'12	0°56'13	
minimum elong	-6252 Jul 07 j 19:38	27°♉20'10	0°56'32	
max. Earth dist.	-6252 Jul 06 j 13:31	27°♉03'33	6.36690 AU	
	-6252 Jul 19 j 21:39	0°♊		
morning rise	-6252 Jul 20 j 16:59	0°♊10'37		
retrograde	-6252 Nov 18 j 01:54	17°♊18'02		
opposition	-6251 Jan 17 j 09:29	12°♊25'54	1°45'47	
min. Earth dist.	-6251 Jan 18 j 09:42	12°♊18'07	4.36872 AU	
direct	-6251 Mar 20 j 22:19	7°♊24'04		
evening set	-6251 Jul 26 j 08:00	25°♊24'18		
max. Earth dist.	-6251 Aug 06 j 10:09	27°♊51'59	6.35574 AU	
conjunction	-6251 Aug 07 j 23:55	28°♊13'02	1°24'06	
minimum elong	-6251 Aug 07 j 23:53	28°♊13'00	1°24'30	
	-6251 Aug 16 j 00:03	0°♋		
morning rise	-6251 Aug 20 j 13:11	1°♋00'31		
retrograde	-6251 Dec 20 j 00:25	18°♋21'14		
opposition	-6250 Feb 18 j 19:39	13°♋29'48	2°10'40	
min. Earth dist.	-6250 Feb 19 j 23:31	13°♋20'56	4.33326 AU	
direct	-6250 Apr 22 j 06:46	8°♋30'39		
evening set	-6250 Aug 26 j 11:55	26°♋35'18		
max. Earth dist.	-6250 Sep 06 j 11:21	29°♋03'58	6.29789 AU	
conjunction	-6250 Sep 07 j 23:09	29°♋24'15	1°27'57	
minimum elong	-6250 Sep 07 j 23:11	29°♋24'15	1°28'18	
	-6250 Sep 10 j 14:18	0°♌		
morning rise	-6250 Sep 20 j 09:20	2°♌12'46		
	-6250 Nov 23 j 06:09	15°♌		
retrograde	-6249 Jan 22 j 05:24	20°♌07'47		
opposition	-6249 Mar 24 j 09:40	15°♌15'03	1°57'34	
min. Earth dist.	-6249 Mar 25 j 07:12	15°♌08'12	4.25680 AU	
	-6249 Mar 26 j 08:59	15°℞♌		
direct	-6249 May 25 j 01:53	10°♌18'50		
	-6249 Jul 21 j 05:35	15°♌		
evening set	-6249 Sep 27 j 00:45	28°♌35'37		
	-6249 Oct 03 j 03:38	0°♍		
conjunction	-6249 Oct 09 j 13:12	1°♍28'38	1°05'21	
minimum elong	-6249 Oct 09 j 13:16	1°♍28'40	1°05'35	
max. Earth dist.	-6249 Oct 08 j 15:46	1°♍16'15	6.20963 AU	
morning rise	-6249 Oct 22 j 02:07	4°♍22'07		
retrograde	-6248 Feb 26 j 01:49	23°♍05'01		
opposition	-6248 Apr 27 j 07:17	18°♍09'22	1°06'44	
min. Earth dist.	-6248 Apr 27 j 16:34	18°♍06'23	4.16194 AU	
direct	-6248 Jun 26 j 19:10	13°♍15'34		
	-6248 Oct 20 j 19:26	0°♎		
evening set	-6248 Oct 28 j 17:06	1°♎49'56		
conjunction	-6248 Nov 10 j 11:14	4°♎49'25	0°21'01	
minimum elong	-6248 Nov 10 j 11:15	4°♎49'26	0°21'01	
max. Earth dist.	-6248 Nov 10 j 09:02	4°♎48'08	6.11730 AU	
morning rise	-6248 Nov 23 j 07:50	7°♎50'18		
retrograde	-6247 Apr 02 j 06:02	27°♎22'12		
desc. node	-6247 Apr 18 j 09:27	26°♎57'39		
opposition	-6247 Jun 02 j 06:06	22°♎22'36	-0°09'04	
min. Earth dist.	-6247 Jun 01 j 22:02	22°♎25'15	4.07926 AU	
direct	-6247 Jul 31 j 10:30	17°♎29'41		
	-6247 Nov 04 j 03:48	0°♏		
evening set	-6247 Dec 02 j 01:54	6°♏23'14		
conjunction	-6247 Dec 15 j 04:00	9°♏29'00	-0°31'49	
minimum elong	-6247 Dec 15 j 03:57	9°♏28'59	0°32'02	
max. Earth dist.	-6247 Dec 16 j 02:04	9°♏42'05	6.05203 AU	
morning rise	-6247 Dec 28 j 09:15	12°♏36'34		
	-6246 Jan 07 j 15:10	15°♏		
	-6246 Mar 28 j 02:33	0°♐		
retrograde	-6246 May 09 j 04:30	2°♐41'12		
	-6246 Jun 20 j 03:36	30°℞♏		
opposition	-6246 Jul 08 j 14:06	27°♏37'59	-1°23'43	
min. Earth dist.	-6246 Jul 07 j 17:23	27°♏44'55	4.03850 AU	
direct	-6246 Sep 04 j 21:31	22°♏43'55		
	-6246 Nov 13 j 09:36	0°♐		
evening set	-6245 Jan 07 j 03:00	11°♐51'31		
conjunction	-6245 Jan 20 j 12:26	15°♐01'00	-1°13'47	
minimum elong	-6245 Jan 20 j 12:22	15°♐00'57	1°14'08	
max. Earth dist.	-6245 Jan 22 j 02:32	15°♐23'29	6.03829 AU	
morning rise	-6245 Feb 03 j 01:11	18°♐12'09		
	-6245 Mar 29 j 12:15	0°♑		
retrograde	-6245 Jun 14 j 13:32	8°♑17'12		
min. Earth dist.	-6245 Aug 12 j 06:41	3°♑21'16	4.05485 AU	
opposition	-6245 Aug 13 j 09:39	3°♑12'06	-2°07'28	
	-6245 Sep 08 j 02:26	30°℞♐		
direct	-6245 Oct 10 j 11:22	28°♐15'07		
	-6245 Nov 11 j 23:56	0°♑		
evening set	-6244 Feb 13 j 01:22	17°♑24'35		
conjunction	-6244 Feb 26 j 16:36	20°♑34'31	-1°28'20	
minimum elong	-6244 Feb 26 j 16:36	20°♑34'32	1°28'43	
max. Earth dist.	-6244 Feb 28 j 08:45	20°♑57'52	6.08187 AU	
morning rise	-6244 Mar 11 j 09:51	23°♑45'20		
	-6244 Apr 08 j 06:25	0°♒		
retrograde	-6244 Jul 18 j 16:01	13°♒16'36		
min. Earth dist.	-6244 Sep 15 j 03:11	8°♒19'41	4.12137 AU	
opposition	-6244 Sep 16 j 01:08	8°♒12'11	-2°03'51	
direct	-6244 Nov 13 j 18:38	3°♒11'47		
	-6243 Feb 16 j 00:16	15°♒		
evening set	-6243 Mar 20 j 16:06	22°♒08'54		
conjunction	-6243 Apr 03 j 10:19	25°♒16'29	-1°10'58	
minimum elong	-6243 Apr 03 j 10:24	25°♒16'31	1°11'13	
max. Earth dist.	-6243 Apr 04 j 14:55	25°♒32'45	6.16579 AU	
morning rise	-6243 Apr 17 j 04:21	28°♒23'49		
	-6243 Apr 24 j 07:37	0°♓		
retrograde	-6243 Aug 21 j 01:41	17°♓02'20		
opposition	-6243 Oct 19 j 07:30	12°♓00'50	-1°17'55	
min. Earth dist.	-6243 Oct 18 j 20:01	12°♓04'44	4.21366 AU	
direct	-6243 Dec 18 j 03:21	6°♓57'54		
evening set	-6242 Apr 25 j 01:42	25°♓34'42		
conjunction	-6242 May 08 j 17:50	28°♓37'34	-0°30'16	
minimum elong	-6242 May 08 j 17:53	28°♓37'36	0°30'18	
max. Earth dist.	-6242 May 08 j 23:09	28°♓40'32	6.26000 AU	
	-6242 May 14 j 21:28	0°♈		
morning rise	-6242 May 22 j 08:05	1°♈39'19		
retrograde	-6242 Sep 22 j 02:11	19°♈27'42		
opposition	-6242 Nov 20 j 11:41	14°♈30'05	-0°09'08	
min. Earth dist.	-6242 Nov 20 j 15:16	14°♈28'53	4.30095 AU	
asc. node	-6241 Jan 09 j 03:57	9°♈38'29		
direct	-6241 Jan 20 j 14:45	9°♈26'06		
evening set	-6241 May 28 j 21:35	27°♈43'17		
	-6241 Jun 08 j 05:57	0°♉		
conjunction	-6241 Jun 11 j 06:49	0°♉40'16	0°18'48	
minimum elong	-6241 Jun 11 j 06:47	0°♉40'15	0°18'58	
max. Earth dist.	-6241 Jun 10 j 15:45	0°♉31'56	6.33435 AU	
morning rise	-6241 Jun 24 j 12:35	3°♉35'30		
	-6241 Aug 20 j 15:35	15°♉		
retrograde	-6241 Oct 23 j 07:04	20°♉51'39		
opposition	-6241 Dec 22 j 03:27	15°♉57'34	1°00'09	
min. Earth dist.	-6241 Dec 22 j 19:10	15°♉52'26	4.35753 AU	
	-6241 Dec 29 j 13:04	15°℞♉		
direct	-6240 Feb 22 j 05:19	10°♉54'16		
	-6240 Apr 16 j 13:31	15°♉		

Attention, astronomical year style is used: The year -6240 in astronomical counting style is the year 6241 BCE in historical counting style.

evening set	-6240 Jun 29 j 07:21	28°♉58'16		
	-6240 Jul 03 j 23:49	0°♊		
max. Earth dist.	-6240 Jul 10 j 22:59	1°♊32'14	6.36818 AU	
conjunction	-6240 Jul 12 j 06:40	1°♊49'44	1°01'22	
minimum elong	-6240 Jul 12 j 06:36	1°♊49'42	1°01'42	
morning rise	-6240 Jul 25 j 02:44	4°♊39'35		
retrograde	-6240 Nov 22 j 14:13	21°♊47'26		
opposition	-6239 Jan 21 j 22:37	16°♊55'32	1°51'20	
min. Earth dist.	-6239 Jan 23 j 00:03	16°♊47'23	4.36774 AU	
direct	-6239 Mar 25 j 12:58	11°♊54'07		
evening set	-6239 Jul 30 j 17:56	29°♊53'53		
	-6239 Jul 31 j 05:00	0°♋		
max. Earth dist.	-6239 Aug 10 j 19:17	2°♋21'20	6.35248 AU	
conjunction	-6239 Aug 12 j 08:55	2°♋42'19	1°26'11	
minimum elong	-6239 Aug 12 j 08:53	2°♋42'18	1°26'35	
morning rise	-6239 Aug 24 j 21:21	5°♋29'36		
retrograde	-6239 Dec 24 j 13:25	22°♋53'02		
opposition	-6238 Feb 23 j 11:09	18°♋01'31	2°11'07	
min. Earth dist.	-6238 Feb 24 j 13:26	17°♋53'09	4.32809 AU	
direct	-6238 Apr 26 j 19:51	13°♋02'49		
	-6238 Aug 25 j 20:38	0°♌		
evening set	-6238 Aug 30 j 21:04	1°♌07'27		
max. Earth dist.	-6238 Sep 10 j 22:49	3°♌37'41	6.29126 AU	
conjunction	-6238 Sep 12 j 08:04	3°♌56'33	1°26'19	
minimum elong	-6238 Sep 12 j 08:06	3°♌56'34	1°26'39	
morning rise	-6238 Sep 24 j 18:06	6°♌45'19		
	-6238 Nov 02 j 04:22	15°♌		
retrograde	-6237 Jan 26 j 23:24	24°♌44'47		
opposition	-6237 Mar 29 j 04:14	19°♌51'46	1°52'31	
min. Earth dist.	-6237 Mar 30 j 01:08	19°♌45'07	4.24885 AU	
	-6237 May 23 j 04:29	15℞♌		
direct	-6237 May 29 j 18:20	14°♌55'58		
	-6237 Jun 05 j 08:10	15°♌		
	-6237 Sep 17 j 05:55	0°♍		
evening set	-6237 Oct 01 j 11:05	3°♍13'14		
conjunction	-6237 Oct 13 j 23:55	6°♍06'48	1°00'17	
minimum elong	-6237 Oct 13 j 23:59	6°♍06'50	1°00'29	
max. Earth dist.	-6237 Oct 13 j 03:36	5°♍55'03	6.20105 AU	
morning rise	-6237 Oct 26 j 13:44	9°♍01'02		
retrograde	-6236 Mar 01 j 21:29	27°♍49'19		
opposition	-6236 May 02 j 04:15	22°♍53'08	0°57'18	
min. Earth dist.	-6236 May 02 j 10:40	22°♍51'04	4.15319 AU	
direct	-6236 Jul 01 j 11:42	17°♍59'33		
	-6236 Oct 04 j 03:26	0°♎		
evening set	-6236 Nov 02 j 06:59	6°♎35'15		
conjunction	-6236 Nov 15 j 02:10	9°♎35'30	0°13'55	
minimum elong	-6236 Nov 15 j 02:11	9°♎35'31	0°13'53	
behind sun begin	-6236 Nov 14 j 21:52	9°♎33'00		
behind sun end	-6236 Nov 15 j 06:29	9°♎38'02		
max. Earth dist.	-6236 Nov 15 j 03:45	9°♎36'26	6.10926 AU	
morning rise	-6236 Nov 27 j 23:42	12°♎37'12		
desc. node	-6235 Feb 27 j 21:48	0°♏00'34		
	-6235 Feb 27 j 19:45	0°♏		
retrograde	-6235 Apr 07 j 07:01	2°♏13'57		
	-6235 May 15 j 18:18	30℞♎		
opposition	-6235 Jun 07 j 04:22	27°♎13'53	-0°19'58	
min. Earth dist.	-6235 Jun 06 j 19:39	27°♎16'45	4.07255 AU	
direct	-6235 Aug 05 j 06:24	22°♎20'55		
	-6235 Oct 16 j 04:57	0°♏		
evening set	-6235 Dec 06 j 21:05	11°♏16'26		
conjunction	-6235 Dec 20 j 00:06	14°♏22'51	-0°38'34	
minimum elong	-6235 Dec 20 j 00:03	14°♏22'49	0°38'50	
max. Earth dist.	-6235 Dec 20 j 23:21	14°♏36'37	6.04716 AU	
	-6235 Dec 22 j 14:48	15°♏		
morning rise	-6234 Jan 02 j 06:36	17°♏31'07		
	-6234 Mar 01 j 05:00	0°♐		
retrograde	-6234 May 14 j 03:18	7°♐38'03		
opposition	-6234 Jul 13 j 11:40	2°♐34'30	-1°32'01	
min. Earth dist.	-6234 Jul 12 j 13:14	2°♐42'02	4.03631 AU	
	-6234 Aug 02 j 17:34	30℞♏		
direct	-6234 Sep 09 j 15:48	27°♏40'09		
	-6234 Oct 17 j 08:23	0°♐		
evening set	-6233 Jan 12 j 02:42	16°♐49'31		
conjunction	-6233 Jan 25 j 13:04	19°♐59'22	-1°17'35	
minimum elong	-6233 Jan 25 j 13:00	19°♐59'20	1°17'58	
max. Earth dist.	-6233 Jan 27 j 03:31	20°♐22'04	6.03880 AU	
morning rise	-6233 Feb 08 j 02:35	23°♐10'48		
	-6233 Mar 10 j 04:33	0°♑		
retrograde	-6233 Jun 19 j 11:34	13°♑14'24		
min. Earth dist.	-6233 Aug 17 j 03:14	8°♑18'07	4.05809 AU	
opposition	-6233 Aug 18 j 05:14	8°♑09'15	-2°09'51	
direct	-6233 Oct 15 j 08:35	3°♑11'48		
evening set	-6232 Feb 18 j 02:51	22°♑21'44		
conjunction	-6232 Mar 02 j 18:52	25°♑31'44	-1°27'43	
minimum elong	-6232 Mar 02 j 18:53	25°♑31'45	1°28'04	
max. Earth dist.	-6232 Mar 04 j 11:10	25°♑55'07	6.08769 AU	
morning rise	-6232 Mar 16 j 12:29	28°♑42'27		
	-6232 Mar 22 j 03:49	0°♒		
	-6232 Jun 08 j 08:10	15°♒		
retrograde	-6232 Jul 23 j 10:05	18°♒08'43		
	-6232 Sep 06 j 06:57	15℞♒		
opposition	-6232 Sep 20 j 17:25	13°♒04'37	-1°59'38	
min. Earth dist.	-6232 Sep 19 j 20:01	13°♒11'56	4.12928 AU	
direct	-6232 Nov 18 j 12:49	8°♒03'50		
	-6231 Jan 26 j 21:08	15°♒		
evening set	-6231 Mar 25 j 16:18	26°♒59'53		
	-6231 Apr 07 j 21:58	0°♓		
conjunction	-6231 Apr 08 j 10:29	0°♓07'06	-1°06'20	
minimum elong	-6231 Apr 08 j 10:33	0°♓07'09	1°06'34	
max. Earth dist.	-6231 Apr 09 j 11:14	0°♓21'10	6.17526 AU	
morning rise	-6231 Apr 22 j 04:31	3°♓14'00		
retrograde	-6231 Aug 25 j 15:11	21°♓46'13		
opposition	-6231 Oct 23 j 20:48	16°♓45'09	-1°09'06	
min. Earth dist.	-6231 Oct 23 j 11:24	16°♓48'20	4.22372 AU	
direct	-6231 Dec 22 j 21:09	11°♓41'54		
	-6230 Apr 28 j 15:37	0°♈		
evening set	-6230 Apr 29 j 21:43	0°♈16'38		
conjunction	-6230 May 13 j 13:22	3°♈18'52	-0°23'29	
minimum elong	-6230 May 13 j 13:24	3°♈18'53	0°23'31	
max. Earth dist.	-6230 May 13 j 17:37	3°♈21'14	6.27011 AU	
morning rise	-6230 May 27 j 02:33	6°♈19'47		
retrograde	-6230 Sep 26 j 11:53	24°♈02'48		
asc. node	-6230 Nov 19 j 01:10	19°♈52'31		
opposition	-6230 Nov 24 j 22:55	19°♈05'39	0°01'05	
min. Earth dist.	-6230 Nov 25 j 03:18	19°♈04'12	4.31022 AU	
direct	-6229 Jan 25 j 04:41	14°♈01'40		
	-6229 May 23 j 01:22	0°♉		
evening set	-6229 Jun 02 j 12:50	2°♉16'31		
conjunction	-6229 Jun 15 j 20:35	5°♉12'37	0°25'29	
minimum elong	-6229 Jun 15 j 20:33	5°♉12'35	0°25'41	
max. Earth dist.	-6229 Jun 15 j 01:58	5°♉02'20	6.34183 AU	
morning rise	-6229 Jun 29 j 01:09	8°♉07'00		
	-6229 Jul 31 j 15:16	15°♉		

Attention, astronomical year style is used: The year -6229 in astronomical counting style is the year 6230 BCE in historical counting style.

retrograde	-6229 Oct 27 j 16:40	25°♉20'16		
opposition	-6229 Dec 26 j 14:11	20°♉26'28	1°08'49	
min. Earth dist.	-6229 Dec 27 j 08:04	20°♉20'39	4.36265 AU	
direct	-6228 Feb 26 j 19:38	15°♉23'16		
	-6228 Jun 17 j 21:19	0°♊		
evening set	-6228 Jul 03 j 18:13	3°♊25'38		
max. Earth dist.	-6228 Jul 15 j 08:21	5°♊58'47	6.37015 AU	
conjunction	-6228 Jul 16 j 16:21	6°♊16'28	1°06'08	
minimum elong	-6228 Jul 16 j 16:17	6°♊16'26	1°06'28	
morning rise	-6228 Jul 29 j 10:59	9°♊05'39		
retrograde	-6228 Nov 26 j 22:40	26°♊13'42		
opposition	-6227 Jan 26 j 10:14	21°♊21'54	1°56'12	
min. Earth dist.	-6227 Jan 27 j 11:26	21°♊13'50	4.36646 AU	
direct	-6227 Mar 29 j 23:59	16°♊20'46		
	-6227 Jul 15 j 02:46	0°♋		
evening set	-6227 Aug 04 j 02:24	4°♋20'11		
max. Earth dist.	-6227 Aug 15 j 02:12	6°♋47'03	6.34772 AU	
conjunction	-6227 Aug 16 j 16:23	7°♋08'23	1°27'46	
minimum elong	-6227 Aug 16 j 16:21	7°♋08'22	1°28'10	
morning rise	-6227 Aug 29 j 04:11	9°♋55'34		
retrograde	-6227 Dec 29 j 03:48	27°♋22'27		
opposition	-6226 Feb 28 j 02:02	22°♋30'48	2°10'52	
min. Earth dist.	-6226 Mar 01 j 05:10	22°♋22'12	4.31996 AU	
direct	-6226 May 01 j 10:21	17°♋32'27		
	-6226 Aug 09 j 11:59	0°♌		
evening set	-6226 Sep 04 j 05:25	5°♌38'06		
max. Earth dist.	-6226 Sep 15 j 07:50	8°♌09'05	6.28034 AU	
conjunction	-6226 Sep 16 j 16:23	8°♌27'36	1°24'11	
minimum elong	-6226 Sep 16 j 16:25	8°♌27'37	1°24'32	
morning rise	-6226 Sep 29 j 02:38	11°♌16'54		
	-6226 Oct 15 j 19:17	15°♌		
retrograde	-6225 Jan 31 j 16:22	29°♌22'28		
opposition	-6225 Apr 02 j 23:05	24°♌29'03	1°46'49	
min. Earth dist.	-6225 Apr 03 j 17:44	24°♌23'07	4.23581 AU	
direct	-6225 Jun 03 j 08:33	19°♌33'35		
	-6225 Aug 31 j 00:50	0°♍		
evening set	-6225 Oct 05 j 22:39	7°♍53'17		
conjunction	-6225 Oct 18 j 12:11	10°♍47'44	0°54'47	
minimum elong	-6225 Oct 18 j 12:15	10°♍47'46	0°54'57	
max. Earth dist.	-6225 Oct 17 j 18:56	10°♍37'43	6.18711 AU	
morning rise	-6225 Oct 31 j 02:49	13°♍42'56		
	-6224 Jan 24 j 17:58	0°♎		
retrograde	-6224 Mar 06 j 22:42	2°♎38'36		
	-6224 Apr 18 j 12:58	30°℞♍		
opposition	-6224 May 07 j 03:25	27°♍41'57	0°47'20	
min. Earth dist.	-6224 May 07 j 08:54	27°♍40'11	4.13918 AU	
direct	-6224 Jul 06 j 07:33	22°♍48'31		
	-6224 Sep 14 j 17:07	0°♎		
evening set	-6224 Nov 07 j 00:15	11°♎27'35		
conjunction	-6224 Nov 19 j 20:28	14°♎28'52	0°06'33	
minimum elong	-6224 Nov 19 j 20:30	14°♎28'52	0°06'30	
behind sun begin	-6224 Nov 19 j 12:53	14°♎24'25		
behind sun end	-6224 Nov 20 j 04:06	14°♎33'20		
max. Earth dist.	-6224 Nov 20 j 00:22	14°♎31'07	6.09654 AU	
morning rise	-6224 Dec 02 j 19:26	17°♎31'43		
desc. node	-6223 Jan 07 j 18:34	25°♎35'48		
	-6223 Jan 30 j 05:35	0°♏		
retrograde	-6223 Apr 12 j 10:05	7°♏14'52		
opposition	-6223 Jun 12 j 06:17	2°♏14'17	-0°31'05	
min. Earth dist.	-6223 Jun 11 j 18:38	2°♏18'07	4.06246 AU	
	-6223 Jun 29 j 22:29	30°℞♎		
direct	-6223 Aug 10 j 02:57	27°♎21'18		
	-6223 Sep 19 j 15:56	0°♏		
	-6223 Dec 06 j 04:32	15°♏		
evening set	-6223 Dec 11 j 21:01	16°♏20'07		
conjunction	-6223 Dec 25 j 01:11	19°♏27'18	-0°45'18	
minimum elong	-6223 Dec 25 j 01:07	19°♏27'16	0°45'35	
max. Earth dist.	-6223 Dec 26 j 03:19	19°♏42'49	6.04057 AU	
morning rise	-6222 Jan 07 j 08:46	22°♏36'21		
	-6222 Feb 08 j 22:12	0°♐		
retrograde	-6222 May 19 j 07:54	12°♐46'00		
opposition	-6222 Jul 18 j 13:51	7°♐42'06	-1°39'57	
min. Earth dist.	-6222 Jul 17 j 14:38	7°♐49'56	4.03415 AU	
direct	-6222 Sep 14 j 17:13	2°♐47'27		
evening set	-6221 Jan 17 j 07:34	21°♐58'30		
conjunction	-6221 Jan 30 j 18:57	25°♐08'39	-1°20'58	
minimum elong	-6221 Jan 30 j 18:54	25°♐08'37	1°21'22	
max. Earth dist.	-6221 Feb 01 j 12:07	25°♐32'53	6.04144 AU	
morning rise	-6221 Feb 13 j 09:14	28°♐20'16		
	-6221 Feb 20 j 12:55	0°♑		
retrograde	-6221 Jun 24 j 13:01	18°♑20'42		
min. Earth dist.	-6221 Aug 22 j 01:44	13°♑24'42	4.06581 AU	
opposition	-6221 Aug 23 j 04:19	13°♑15'38	-2°11'20	
direct	-6221 Oct 20 j 08:21	8°♑17'50		
evening set	-6220 Feb 23 j 08:10	27°♑26'22		
	-6220 Mar 05 j 10:15	0°♒		
conjunction	-6220 Mar 08 j 00:33	0°♒36'02	-1°26'28	
minimum elong	-6220 Mar 08 j 00:35	0°♒36'03	1°26'49	
max. Earth dist.	-6220 Mar 09 j 15:00	0°♒58'17	6.09988 AU	
morning rise	-6220 Mar 21 j 18:37	3°♒46'20		
	-6220 May 13 j 11:58	15°♒		
retrograde	-6220 Jul 28 j 03:54	23°♒04'44		
opposition	-6220 Sep 25 j 11:27	18°♒00'56	-1°54'31	
min. Earth dist.	-6220 Sep 24 j 14:55	18°♒07'57	4.14475 AU	
	-6220 Oct 19 j 06:50	15°℞♒		
direct	-6220 Nov 23 j 10:55	12°♒59'45		
	-6220 Dec 28 j 23:50	15°♒		
	-6219 Mar 22 j 08:59	0°♓		
evening set	-6219 Mar 30 j 16:47	1°♓51'42		
conjunction	-6219 Apr 13 j 11:00	4°♓58'09	-1°01'18	
minimum elong	-6219 Apr 13 j 11:05	4°♓58'11	1°01'29	
max. Earth dist.	-6219 Apr 14 j 10:56	5°♓11'42	6.19304 AU	
morning rise	-6219 Apr 27 j 04:26	8°♓04'04		
retrograde	-6219 Aug 30 j 03:05	26°♓27'04		
opposition	-6219 Oct 28 j 09:18	21°♓26'33	-0°59'58	
min. Earth dist.	-6219 Oct 28 j 01:26	21°♓29'12	4.24192 AU	
direct	-6219 Dec 27 j 13:49	16°♓23'10		
	-6218 Apr 12 j 01:13	0°♈		
evening set	-6218 May 04 j 15:23	4°♈52'54		
conjunction	-6218 May 18 j 06:00	7°♈54'02	-0°16'46	
minimum elong	-6218 May 18 j 06:01	7°♈54'02	0°16'45	
max. Earth dist.	-6218 May 18 j 05:47	7°♈53'54	6.28723 AU	
morning rise	-6218 May 31 j 18:13	10°♈53'48		
retrograde	-6218 Sep 30 j 18:12	28°♈29'38		
asc. node	-6218 Sep 30 j 11:40	28°♈29'37		
opposition	-6218 Nov 29 j 07:10	23°♈32'58	0°10'56	
min. Earth dist.	-6218 Nov 29 j 14:00	23°♈30'42	4.32487 AU	
direct	-6217 Jan 29 j 17:42	18°♈28'57		
	-6217 May 06 j 09:25	0°♉		
evening set	-6217 Jun 06 j 23:39	6°♉39'56		
max. Earth dist.	-6217 Jun 19 j 09:51	9°♉23'49	6.35285 AU	
conjunction	-6217 Jun 20 j 06:12	9°♉35'02	0°31'45	
minimum elong	-6217 Jun 20 j 06:10	9°♉35'01	0°31'58	

Attention, astronomical year style is used: The year -6217 in astronomical counting style is the year 6218 BCE in historical counting style.

morning rise	-6217 Jul 03 j 09:11	12°♉28'23	
	-6217 Jul 15 j 00:41	15°♉	
retrograde	-6217 Oct 31 j 20:27	29°♉38'13	
opposition	-6217 Dec 30 j 20:42	24°♉44'49	1°16'41
min. Earth dist.	-6217 Dec 31 j 16:00	24°♉38'34	4.36931 AU
direct	-6216 Mar 02 j 04:00	19°♉41'51	
	-6216 Jun 01 j 03:46	0°♊	
evening set	-6216 Jul 08 j 00:20	7°♊42'24	
max. Earth dist.	-6216 Jul 19 j 09:24	10°♊12'54	6.37159 AU
conjunction	-6216 Jul 20 j 21:01	10°♊32'35	1°10'18
minimum elong	-6216 Jul 20 j 20:58	10°♊32'33	1°10'41
morning rise	-6216 Aug 02 j 14:40	13°♊21'16	
	-6216 Nov 13 j 07:12	0°♋	
retrograde	-6216 Dec 01 j 06:00	0°♋30'21	
	-6216 Dec 19 j 03:46	30°℞♊	
opposition	-6215 Jan 30 j 18:17	25°♊38'41	2°00'14
min. Earth dist.	-6215 Jan 31 j 21:39	25°♊29'56	4.36265 AU
direct	-6215 Apr 03 j 09:19	20°♊37'49	
	-6215 Jun 28 j 02:10	0°♋	
evening set	-6215 Aug 08 j 06:44	8°♋37'57	
max. Earth dist.	-6215 Aug 19 j 05:59	11°♋04'50	6.33879 AU
conjunction	-6215 Aug 20 j 20:11	11°♋26'14	1°28'49
minimum elong	-6215 Aug 20 j 20:10	11°♋26'13	1°29'11
morning rise	-6215 Sep 02 j 07:22	14°♋13'32	
	-6215 Nov 29 j 12:32	0°♌	
retrograde	-6214 Jan 02 j 13:25	1°♌45'34	
	-6214 Feb 05 j 23:02	30°℞♋	
opposition	-6214 Mar 04 j 13:56	26°♋53'49	2°09'55
min. Earth dist.	-6214 Mar 05 j 16:18	26°♋45'26	4.30657 AU
direct	-6214 May 05 j 18:50	21°♋55'50	
	-6214 Jul 22 j 13:12	0°♌	
evening set	-6214 Sep 08 j 11:51	10°♌04'35	
conjunction	-6214 Sep 20 j 22:51	12°♌54'47	1°21'37
minimum elong	-6214 Sep 20 j 22:54	12°♌54'49	1°21'56
max. Earth dist.	-6214 Sep 19 j 14:54	12°♌36'32	6.26356 AU
	-6214 Sep 30 j 02:22	15°♌	
morning rise	-6214 Oct 03 j 09:30	15°♌44'57	
	-6214 Dec 15 j 02:40	0°♍	
retrograde	-6213 Feb 05 j 11:58	3°♍58'52	
	-6213 Mar 31 j 11:56	30°℞♌	
opposition	-6213 Apr 07 j 17:13	29°♌05'08	1°40'33
min. Earth dist.	-6213 Apr 08 j 11:32	28°♌59'17	4.21658 AU
direct	-6213 Jun 07 j 23:29	24°♌09'57	
	-6213 Aug 10 j 18:00	0°♍	
evening set	-6213 Oct 10 j 10:11	12°♍34'20	
max. Earth dist.	-6213 Oct 22 j 09:46	15°♍21'22	6.16730 AU
conjunction	-6213 Oct 23 j 00:39	15°♍30'01	0°48'57
minimum elong	-6213 Oct 23 j 00:42	15°♍30'03	0°49'05
morning rise	-6213 Nov 04 j 16:25	18°♍26'35	
	-6213 Dec 29 j 00:36	0°♎	
retrograde	-6212 Mar 11 j 23:48	7°♎31'44	
opposition	-6212 May 12 j 03:37	2°♎34'33	0°36'58
min. Earth dist.	-6212 May 12 j 05:53	2°♎33'49	4.12046 AU
	-6212 Jun 02 j 03:25	30°℞♍	
direct	-6212 Jul 11 j 01:17	27°♍41'19	
	-6212 Aug 18 j 08:31	0°♎	
evening set	-6212 Nov 11 j 19:36	16°♎25'25	
desc. node	-6212 Nov 17 j 01:16	17°♎39'21	
conjunction	-6212 Nov 24 j 16:59	19°♎27'54	-0°01'03
minimum elong	-6212 Nov 24 j 16:59	19°♎27'55	0°01'10
behind sun begin	-6212 Nov 24 j 08:53	19°♎23'08	
behind sun end	-6212 Nov 25 j 01:06	19°♎32'41	
max. Earth dist.	-6212 Nov 25 j 00:37	19°♎32'23	6.08064 AU
morning rise	-6212 Dec 07 j 17:15	22°♎32'03	
	-6211 Jan 09 j 17:46	0°♏	
retrograde	-6211 Apr 17 j 16:41	12°♏22'31	
opposition	-6211 Jun 17 j 10:21	7°♏21'18	-0°42'11
min. Earth dist.	-6211 Jun 16 j 20:34	7°♏25'52	4.05095 AU
direct	-6211 Aug 15 j 03:50	2°♏28'10	
	-6211 Nov 18 j 14:06	15°♏	
evening set	-6211 Dec 16 j 23:55	21°♏30'36	
conjunction	-6211 Dec 30 j 05:19	24°♏38'34	-0°51'48
minimum elong	-6211 Dec 30 j 05:14	24°♏38'31	0°52'05
max. Earth dist.	-6211 Dec 31 j 12:00	24°♏56'46	6.03442 AU
morning rise	-6210 Jan 12 j 14:01	27°♏48'20	
	-6210 Jan 21 j 23:21	0°♐	
retrograde	-6210 May 24 j 14:14	17°♐59'27	
opposition	-6210 Jul 23 j 17:33	12°♐55'11	-1°47'12
min. Earth dist.	-6210 Jul 22 j 16:37	13°♐03'35	4.03425 AU
direct	-6210 Sep 19 j 19:23	8°♐00'07	
evening set	-6209 Jan 22 j 14:33	27°♐11'39	
	-6209 Feb 03 j 13:28	0°♑	
conjunction	-6209 Feb 05 j 02:38	0°♑21'51	-1°23'45
minimum elong	-6209 Feb 05 j 02:35	0°♑21'50	1°24'09
max. Earth dist.	-6209 Feb 06 j 19:54	0°♑46'06	6.04710 AU
morning rise	-6209 Feb 18 j 17:45	3°♑33'28	
retrograde	-6209 Jun 29 j 13:06	23°♑29'01	
min. Earth dist.	-6209 Aug 27 j 01:04	18°♑33'00	4.07618 AU
opposition	-6209 Aug 28 j 03:55	18°♑23'49	-2°11'47
direct	-6209 Oct 25 j 10:02	13°♑25'25	
	-6208 Feb 17 j 11:26	0°♒	
evening set	-6208 Feb 28 j 13:42	2°♒31'26	
conjunction	-6208 Mar 13 j 06:41	5°♒40'42	-1°24'34
minimum elong	-6208 Mar 13 j 06:44	5°♒40'44	1°24'55
max. Earth dist.	-6208 Mar 14 j 21:06	6°♒02'51	6.11382 AU
morning rise	-6208 Mar 27 j 00:42	8°♒50'21	
	-6208 Apr 23 j 17:58	15°♒	
retrograde	-6208 Aug 01 j 22:44	28°♒00'14	
min. Earth dist.	-6208 Sep 29 j 10:40	23°♒03'09	4.16048 AU
opposition	-6208 Sep 30 j 05:21	22°♒56'47	-1°48'37
direct	-6208 Nov 28 j 08:53	17°♒55'12	
	-6207 Mar 04 j 19:09	0°♓	
evening set	-6207 Apr 04 j 17:36	6°♓43'09	
conjunction	-6207 Apr 18 j 11:29	9°♓48'49	-0°55'49
minimum elong	-6207 Apr 18 j 11:34	9°♓48'52	0°56'00
max. Earth dist.	-6207 Apr 19 j 07:26	10°♓00'04	6.20916 AU
morning rise	-6207 May 02 j 04:33	12°♓53'51	
	-6207 Aug 08 j 00:52	0°♈	
retrograde	-6207 Sep 03 j 14:13	1°♈08'32	
	-6207 Sep 29 j 23:59	30°℞♓	
opposition	-6207 Nov 01 j 22:10	26°♓08'31	-0°50'26
min. Earth dist.	-6207 Nov 01 j 16:08	26°♓10'33	4.25699 AU
direct	-6206 Jan 01 j 07:11	21°♓04'55	
	-6206 Mar 24 j 12:09	0°♈	
evening set	-6206 May 09 j 09:59	9°♈31'03	
conjunction	-6206 May 22 j 23:44	12°♈31'16	-0°09'51
minimum elong	-6206 May 22 j 23:45	12°♈31'17	0°09'48
behind sun begin	-6206 May 22 j 17:03	12°♈27'35	
behind sun end	-6206 May 23 j 06:26	12°♈34'58	
max. Earth dist.	-6206 May 22 j 20:42	12°♈29'36	6.30026 AU
morning rise	-6206 Jun 05 j 10:43	15°♈30'01	
asc. node	-6206 Aug 10 j 09:15	28°♈22'58	
	-6206 Aug 21 j 21:21	0°♉	
retrograde	-6206 Oct 05 j 03:23	3°♉00'21	

Attention, astronomical year style is used: The year -6206 in astronomical counting style is the year 6207 BCE in historical counting style.

	-6206 Nov 18 j 16:42	30°℞♈	
opposition	-6206 Dec 03 j 17:31	28°♈04'15	0°20'55
min. Earth dist.	-6206 Dec 04 j 02:41	28°♈01'14	4.33489 AU
direct	-6205 Feb 03 j 08:00	23°♈00'20	
	-6205 Apr 16 j 21:32	0°♉	
evening set	-6205 Jun 11 j 12:55	11°♉09'01	
conjunction	-6205 Jun 24 j 18:03	14°♉03'17	0°38'02
minimum elong	-6205 Jun 24 j 17:59	14°♉03'16	0°38'16
max. Earth dist.	-6205 Jun 23 j 17:44	13°♉49'54	6.35891 AU
	-6205 Jun 29 j 00:57	15°♉	
morning rise	-6205 Jul 07 j 19:47	16°♉55'51	
	-6205 Sep 13 j 21:53	0°♊	
retrograde	-6205 Nov 05 j 05:13	4°♊04'05	
	-6205 Dec 28 j 23:02	30°℞♉	
opposition	-6204 Jan 04 j 07:04	29°♉11'01	1°24'27
min. Earth dist.	-6204 Jan 05 j 04:15	29°♉04'10	4.37137 AU
direct	-6204 Mar 06 j 16:41	24°♉08'15	
	-6204 May 11 j 19:57	0°♊	
evening set	-6204 Jul 12 j 10:17	12°♊08'23	
max. Earth dist.	-6204 Jul 23 j 18:14	14°♊38'26	6.36938 AU
conjunction	-6204 Jul 25 j 05:52	14°♊58'10	1°14'17
minimum elong	-6204 Jul 25 j 05:49	14°♊58'08	1°14'39
morning rise	-6204 Aug 06 j 22:13	17°♊46'26	
	-6204 Oct 08 j 03:15	0°♋	
retrograde	-6204 Dec 05 j 16:16	4°♋57'38	
opposition	-6203 Feb 04 j 06:59	0°♋06'08	2°03'50
min. Earth dist.	-6203 Feb 05 j 10:33	29°♊57'21	4.35656 AU
	-6203 Feb 05 j 02:15	30°℞♊	
direct	-6203 Apr 07 j 21:14	25°♊05'43	
	-6203 Jun 06 j 15:29	0°♋	
evening set	-6203 Aug 12 j 15:54	13°♋07'05	
max. Earth dist.	-6203 Aug 23 j 13:20	15°♋33'25	6.32914 AU
conjunction	-6203 Aug 25 j 04:33	15°♋55'26	1°29'24
minimum elong	-6203 Aug 25 j 04:32	15°♋55'26	1°29'47
morning rise	-6203 Sep 06 j 15:28	18°♋43'00	
	-6203 Nov 01 j 00:53	0°♌	
retrograde	-6202 Jan 07 j 06:46	6°♌20'28	
opposition	-6202 Mar 09 j 07:22	1°♌28'36	2°08'09
min. Earth dist.	-6202 Mar 10 j 09:39	1°♌20'15	4.29402 AU
	-6202 Mar 21 j 02:36	30°℞♋	
direct	-6202 May 10 j 10:21	26°♋31'02	
	-6202 Jun 28 j 13:18	0°♌	
evening set	-6202 Sep 12 j 22:34	14°♌42'15	
	-6202 Sep 14 j 05:49	15°♌	
max. Earth dist.	-6202 Sep 24 j 04:41	17°♌16'25	6.24941 AU
conjunction	-6202 Sep 25 j 09:55	17°♌33'09	1°18'26
minimum elong	-6202 Sep 25 j 09:58	17°♌33'11	1°18'44
morning rise	-6202 Oct 07 j 20:54	20°♌24'06	
	-6202 Nov 21 j 18:57	0°♍	
retrograde	-6201 Feb 10 j 09:40	8°♍45'24	
opposition	-6201 Apr 12 j 15:41	3°♍51'20	1°33'21
min. Earth dist.	-6201 Apr 13 j 07:20	3°♍46'20	4.20199 AU
	-6201 May 17 j 12:17	30°℞♌	
direct	-6201 Jun 12 j 16:43	28°♌56'37	
	-6201 Jul 08 j 17:59	0°♍	
evening set	-6201 Oct 15 j 01:29	17°♍23'55	
conjunction	-6201 Oct 27 j 16:39	20°♍20'32	0°42'38
minimum elong	-6201 Oct 27 j 16:42	20°♍20'34	0°42'45
max. Earth dist.	-6201 Oct 27 j 04:35	20°♍13'29	6.15382 AU
morning rise	-6201 Nov 09 j 09:31	23°♍18'10	
	-6201 Dec 09 j 05:32	0°♎	
retrograde	-6200 Mar 17 j 03:29	12°♎30'24	

opposition	-6200 May 17 j 05:55	7°♎32'39	0°26'07
min. Earth dist.	-6200 May 17 j 05:49	7°♎32'41	4.10921 AU
direct	-6200 Jul 15 j 23:36	2°♎39'35	
desc. node	-6200 Sep 26 j 04:16	10°♎14'56	
evening set	-6200 Nov 16 j 16:23	21°♎26'08	
conjunction	-6200 Nov 29 j 14:59	24°♎29'29	-0°08'37
minimum elong	-6200 Nov 29 j 14:58	24°♎29'28	0°08'46
behind sun begin	-6200 Nov 29 j 07:56	24°♎25'19	
behind sun end	-6200 Nov 29 j 22:00	24°♎33'37	
max. Earth dist.	-6200 Nov 30 j 03:15	24°♎36'43	6.07285 AU
morning rise	-6200 Dec 12 j 16:24	27°♎34'29	
	-6200 Dec 23 j 02:16	0°♏	
	-6199 Mar 13 j 10:02	15°♏	
retrograde	-6199 Apr 22 j 21:25	17°♏28'49	
	-6199 Jun 02 j 08:51	15°℞♏	
opposition	-6199 Jun 22 j 13:32	12°♏27'08	-0°52'51
min. Earth dist.	-6199 Jun 21 j 21:34	12°♏32'25	4.04763 AU
direct	-6199 Aug 20 j 03:56	7°♏33'55	
	-6199 Oct 29 j 16:51	15°♏	
evening set	-6199 Dec 22 j 01:36	26°♏37'14	
conjunction	-6198 Jan 04 j 07:47	29°♏45'31	-0°57'47
minimum elong	-6198 Jan 04 j 07:43	29°♏45'28	0°58'06
	-6198 Jan 05 j 08:14	0°♐	
max. Earth dist.	-6198 Jan 05 j 15:44	0°♐04'27	6.03549 AU
morning rise	-6198 Jan 17 j 17:35	2°♐55'39	
retrograde	-6198 May 29 j 15:22	23°♐05'36	
opposition	-6198 Jul 28 j 17:50	18°♐01'01	-1°53'23
min. Earth dist.	-6198 Jul 27 j 15:40	18°♐09'52	4.03972 AU
direct	-6198 Sep 24 j 19:37	13°♐05'31	
	-6197 Jan 17 j 22:57	0°♑	
evening set	-6197 Jan 27 j 17:52	2°♑16'00	
conjunction	-6197 Feb 10 j 06:51	5°♑26'07	-1°25'49
minimum elong	-6197 Feb 10 j 06:49	5°♑26'06	1°26'11
max. Earth dist.	-6197 Feb 12 j 01:40	5°♑51'13	6.05634 AU
morning rise	-6197 Feb 23 j 22:20	8°♑37'28	
retrograde	-6197 Jul 04 j 10:18	28°♑27'06	
opposition	-6197 Sep 01 j 23:06	23°♑22'02	-2°11'14
min. Earth dist.	-6197 Aug 31 j 21:51	23°♑30'40	4.08813 AU
direct	-6197 Oct 30 j 07:53	18°♑23'10	
	-6196 Jan 30 j 21:38	0°♒	
evening set	-6196 Mar 04 j 15:06	7°♒26'32	
conjunction	-6196 Mar 18 j 08:21	10°♒35'21	-1°22'08
minimum elong	-6196 Mar 18 j 08:24	10°♒35'23	1°22'27
max. Earth dist.	-6196 Mar 19 j 19:54	10°♒55'46	6.12730 AU
morning rise	-6196 Apr 01 j 02:37	13°♒44'29	
	-6196 Apr 06 j 15:43	15°♒	
	-6196 Jun 25 j 08:45	0°♓	
retrograde	-6196 Aug 06 j 11:43	2°♓46'28	
	-6196 Sep 17 j 10:47	30°℞♒	
opposition	-6196 Oct 04 j 19:13	27°♒43'25	-1°42'12
min. Earth dist.	-6196 Oct 04 j 01:43	27°♒49'23	4.17412 AU
direct	-6196 Dec 03 j 01:51	22°♒41'27	
	-6195 Feb 13 j 04:29	0°♓	
evening set	-6195 Apr 09 j 14:22	11°♓26'27	
conjunction	-6195 Apr 23 j 08:03	14°♓31'29	-0°50'09
minimum elong	-6195 Apr 23 j 08:07	14°♓31'31	0°50'18
max. Earth dist.	-6195 Apr 24 j 00:23	14°♓40'40	6.22208 AU
morning rise	-6195 May 07 j 00:33	17°♓35'45	
	-6195 Jul 07 j 12:56	0°♈	
retrograde	-6195 Sep 08 j 01:23	5°♈43'49	
opposition	-6195 Nov 06 j 08:43	0°♈44'23	-0°40'52
min. Earth dist.	-6195 Nov 06 j 05:45	0°♈45'23	4.26788 AU

Attention, astronomical year style is used: The year -6195 in astronomical counting style is the year 6196 BCE in historical counting style.

	-6195 Nov 11 j 21:24	30°℞♓	
direct	-6194 Jan 05 j 22:48	25°♓40'39	
	-6194 Mar 01 j 20:24	0°♈	
evening set	-6194 May 14 j 02:04	14°♈04'37	
conjunction	-6194 May 27 j 14:54	17°♈04'08	-0°03'03
minimum elong	-6194 May 27 j 14:55	17°♈04'09	0°02'58
behind sun begin	-6194 May 27 j 06:42	16°♈59'37	
behind sun end	-6194 May 27 j 23:08	17°♈08'40	
max. Earth dist.	-6194 May 27 j 08:18	17°♈00'31	6.30836 AU
morning rise	-6194 Jun 10 j 00:50	20°♈02'08	
asc. node	-6194 Jun 20 j 19:03	22°♈23'00	
	-6194 Jul 28 j 14:56	0°♉	
retrograde	-6194 Oct 09 j 10:51	7°♉28'53	
opposition	-6194 Dec 08 j 02:50	2°♉33'15	0°30'36
min. Earth dist.	-6194 Dec 08 j 13:31	2°♉29'44	4.33990 AU
	-6194 Dec 28 j 12:19	30°℞♈	
direct	-6193 Feb 07 j 19:54	27°♈29'23	
	-6193 Mar 21 j 12:49	0°♉	
	-6193 Jun 13 j 04:51	15°♉	
evening set	-6193 Jun 16 j 01:23	15°♉37'23	
max. Earth dist.	-6193 Jun 28 j 03:20	18°♉16'46	6.36053 AU
conjunction	-6193 Jun 29 j 05:13	18°♉31'03	0°44'00
minimum elong	-6193 Jun 29 j 05:10	18°♉31'01	0°44'17
morning rise	-6193 Jul 12 j 05:35	21°♉22'59	
	-6193 Aug 22 j 19:33	0°♊	
retrograde	-6193 Nov 09 j 14:55	8°♊31'04	
opposition	-6192 Jan 08 j 17:57	3°♊38'21	1°31'41
min. Earth dist.	-6192 Jan 09 j 16:34	3°♊31'04	4.36973 AU
	-6192 Feb 09 j 09:38	30°℞♉	
direct	-6192 Mar 11 j 05:17	28°♉35'53	
	-6192 Apr 11 j 04:53	0°♊	
evening set	-6192 Jul 16 j 20:29	16°♊36'27	
max. Earth dist.	-6192 Jul 28 j 01:26	19°♊05'09	6.36441 AU
conjunction	-6192 Jul 29 j 14:52	19°♊25'55	1°17'48
minimum elong	-6192 Jul 29 j 14:49	19°♊25'53	1°18'11
morning rise	-6192 Aug 11 j 06:20	22°♊13'58	
	-6192 Sep 17 j 03:53	0°♋	
retrograde	-6192 Dec 10 j 05:20	9°♋28'12	
opposition	-6191 Feb 08 j 21:23	4°♋36'43	2°06'41
min. Earth dist.	-6191 Feb 10 j 00:52	4°♋27'57	4.34888 AU
	-6191 Mar 27 j 08:53	30°℞♊	
direct	-6191 Apr 12 j 10:39	29°♊36'37	
	-6191 Apr 28 j 13:30	0°♋	
evening set	-6191 Aug 17 j 01:40	17°♋39'14	
max. Earth dist.	-6191 Aug 28 j 01:11	20°♋07'04	6.31939 AU
conjunction	-6191 Aug 29 j 13:55	20°♋27'44	1°29'26
minimum elong	-6191 Aug 29 j 13:55	20°♋27'44	1°29'49
morning rise	-6191 Sep 11 j 00:19	23°♋15'30	
	-6191 Oct 12 j 05:37	0°♌	
retrograde	-6190 Jan 11 j 23:48	10°♌58'10	
opposition	-6190 Mar 14 j 01:59	6°♌06'05	2°05'31
min. Earth dist.	-6190 Mar 15 j 02:46	5°♌58'14	4.28287 AU
direct	-6190 May 15 j 01:51	1°♌08'59	
	-6190 Aug 28 j 21:09	15°♌	
evening set	-6190 Sep 17 j 10:08	19°♌21'43	
conjunction	-6190 Sep 29 j 21:32	22°♌13'09	1°14'44
minimum elong	-6190 Sep 29 j 21:35	22°♌13'11	1°15'00
max. Earth dist.	-6190 Sep 28 j 17:29	21°♌57'03	6.23773 AU
morning rise	-6190 Oct 12 j 09:09	25°♌04'50	
	-6190 Nov 03 j 09:46	0°♍	
retrograde	-6189 Feb 15 j 08:29	13°♍32'25	
opposition	-6189 Apr 17 j 14:21	8°♍37'48	1°25'28
min. Earth dist.	-6189 Apr 18 j 03:51	8°♍33'29	4.19033 AU
direct	-6189 Jun 17 j 11:35	3°♍43'20	
evening set	-6189 Oct 19 j 16:17	22°♍12'22	
conjunction	-6189 Nov 01 j 08:27	25°♍09'48	0°36'02
minimum elong	-6189 Nov 01 j 08:30	25°♍09'50	0°36'06
max. Earth dist.	-6189 Nov 01 j 00:40	25°♍05'16	6.14329 AU
morning rise	-6189 Nov 14 j 02:16	28°♍08'21	
	-6189 Nov 22 j 03:38	0°♎	
retrograde	-6188 Mar 22 j 05:33	17°♎26'21	
opposition	-6188 May 22 j 07:13	12°♎28'03	0°15'07
min. Earth dist.	-6188 May 22 j 04:59	12°♎28'47	4.10058 AU
direct	-6188 Jul 20 j 20:54	7°♎35'06	
desc. node	-6188 Aug 06 j 00:55	8°♎00'53	
evening set	-6188 Nov 21 j 12:22	26°♎23'19	
conjunction	-6188 Dec 04 j 11:48	29°♎27'20	-0°16'03
minimum elong	-6188 Dec 04 j 11:46	29°♎27'20	0°16'13
max. Earth dist.	-6188 Dec 05 j 01:44	29°♎35'35	6.06671 AU
	-6188 Dec 06 j 18:58	0°♏	
morning rise	-6188 Dec 17 j 14:31	2°♏33'08	
	-6187 Feb 13 j 12:47	15°♏	
retrograde	-6187 Apr 27 j 23:22	22°♏30'45	
opposition	-6187 Jun 27 j 14:44	17°♏28'33	-1°03'03
min. Earth dist.	-6187 Jun 26 j 20:33	17°♏34'36	4.04472 AU
	-6187 Jul 17 j 04:24	15°℞♏	
direct	-6187 Aug 25 j 02:35	12°♏35'05	
	-6187 Oct 02 j 13:45	15°♏	
	-6187 Dec 20 j 00:11	0°♐	
evening set	-6187 Dec 27 j 02:12	1°♐39'36	
conjunction	-6186 Jan 09 j 09:31	4°♐48'17	-1°03'17
minimum elong	-6186 Jan 09 j 09:26	4°♐48'14	1°03'39
max. Earth dist.	-6186 Jan 10 j 20:39	5°♐09'05	6.03599 AU
morning rise	-6186 Jan 22 j 20:02	7°♐58'42	
retrograde	-6186 Jun 03 j 17:21	28°♐07'40	
opposition	-6186 Aug 02 j 16:36	23°♐02'54	-1°58'43
min. Earth dist.	-6186 Aug 01 j 14:59	23°♐11'35	4.04379 AU
direct	-6186 Sep 29 j 18:41	18°♐06'59	
	-6186 Dec 31 j 11:28	0°♑	
evening set	-6185 Feb 01 j 20:42	7°♑17'16	
conjunction	-6185 Feb 15 j 10:19	10°♑27'22	-1°27'14
minimum elong	-6185 Feb 15 j 10:18	10°♑27'21	1°27'38
max. Earth dist.	-6185 Feb 17 j 04:08	10°♑51'48	6.06333 AU
morning rise	-6185 Mar 01 j 02:32	13°♑38'39	
	-6185 May 23 j 06:35	0°♒	
retrograde	-6185 Jul 09 j 05:08	3°♒23'11	
	-6185 Aug 25 j 02:18	30°℞♑	
opposition	-6185 Sep 06 j 17:39	28°♑18'17	-2°09'49
min. Earth dist.	-6185 Sep 05 j 16:27	28°♑26'54	4.09743 AU
direct	-6185 Nov 04 j 03:37	23°♑18'56	
	-6184 Jan 10 j 13:12	0°♒	
evening set	-6184 Mar 09 j 16:28	12°♒20'45	
	-6184 Mar 21 j 07:03	15°♒	
conjunction	-6184 Mar 23 j 10:05	15°♒29'15	-1°19'08
minimum elong	-6184 Mar 23 j 10:09	15°♒29'17	1°19'26
max. Earth dist.	-6184 Mar 24 j 19:00	15°♒48'07	6.13817 AU
morning rise	-6184 Apr 06 j 04:22	18°♒37'54	
	-6184 May 30 j 07:10	0°♓	
retrograde	-6184 Aug 11 j 03:49	7°♓33'08	
opposition	-6184 Oct 09 j 09:46	2°♓30'32	-1°35'06
min. Earth dist.	-6184 Oct 08 j 19:03	2°♓35'33	4.18523 AU
	-6184 Oct 28 j 18:31	30°℞♒	
direct	-6184 Dec 07 j 21:27	27°♒28'15	
	-6183 Jan 17 j 09:06	0°♓	

Attention, astronomical year style is used: The year -6183 in astronomical counting style is the year 6184 BCE in historical counting style.

evening set	-6183 Apr 14 j 12:05	16°♓11'08	
conjunction	-6183 Apr 28 j 05:32	19°♓15'38	-0°44'06
minimum elong	-6183 Apr 28 j 05:36	19°♓15'41	0°44'13
max. Earth dist.	-6183 Apr 28 j 19:20	19°♓23'23	6.23268 AU
morning rise	-6183 May 11 j 21:24	22°♓19'13	
	-6183 Jun 16 j 20:22	0°♈	
retrograde	-6183 Sep 12 j 11:40	10°♈21'26	
opposition	-6183 Nov 10 j 20:17	5°♈22'35	-0°30'56
min. Earth dist.	-6183 Nov 10 j 18:29	5°♈23'11	4.27709 AU
direct	-6182 Jan 10 j 13:16	0°♈18'45	
asc. node	-6182 Apr 29 j 22:33	14°♈36'32	
evening set	-6182 May 18 j 19:30	18°♈41'09	
conjunction	-6182 Jun 01 j 07:15	21°♈39'57	0°04'03
minimum elong	-6182 Jun 01 j 07:14	21°♈39'57	0°04'09
behind sun begin	-6182 May 31 j 23:08	21°♈35'29	
behind sun end	-6182 Jun 01 j 15:19	21°♈44'24	
max. Earth dist.	-6182 May 31 j 21:10	21°♈34'24	6.31560 AU
morning rise	-6182 Jun 14 j 16:04	24°♈37'11	
	-6182 Jul 09 j 18:19	0°♉	
retrograde	-6182 Oct 13 j 22:04	12°♉00'47	
opposition	-6182 Dec 12 j 14:04	7°♉05'42	0°40'17
min. Earth dist.	-6182 Dec 13 j 03:13	7°♉01'24	4.34475 AU
direct	-6181 Feb 12 j 10:56	2°♉02'01	
	-6181 May 27 j 11:23	15°♉	
evening set	-6181 Jun 20 j 14:51	20°♉09'09	
conjunction	-6181 Jul 03 j 17:24	23°♉02'11	0°49'50
minimum elong	-6181 Jul 03 j 17:21	23°♉02'09	0°50'08
max. Earth dist.	-6181 Jul 02 j 13:58	22°♉47'03	6.36259 AU
morning rise	-6181 Jul 16 j 16:24	25°♉53'30	
	-6181 Aug 04 j 18:01	0°♊	
retrograde	-6181 Nov 14 j 01:06	13°♊01'26	
opposition	-6180 Jan 13 j 06:24	8°♊09'01	1°38'31
min. Earth dist.	-6180 Jan 14 j 05:01	8°♊01'44	4.36936 AU
direct	-6180 Mar 15 j 17:54	3°♊06'52	
evening set	-6180 Jul 21 j 07:30	21°♊07'17	
max. Earth dist.	-6180 Aug 01 j 12:05	23°♊35'59	6.36172 AU
conjunction	-6180 Aug 03 j 00:43	23°♊56'21	1°20'56
minimum elong	-6180 Aug 03 j 00:40	23°♊56'19	1°21'19
morning rise	-6180 Aug 15 j 15:05	26°♊44'05	
	-6180 Aug 30 j 14:27	0°♋	
retrograde	-6180 Dec 14 j 19:04	14°♋00'35	
opposition	-6179 Feb 13 j 12:29	9°♋09'11	2°08'48
min. Earth dist.	-6179 Feb 14 j 16:04	9°♋00'25	4.34415 AU
direct	-6179 Apr 17 j 01:20	4°♋09'34	
evening set	-6179 Aug 21 j 11:30	22°♋12'16	
max. Earth dist.	-6179 Sep 01 j 10:25	24°♋40'05	6.31290 AU
conjunction	-6179 Sep 02 j 23:09	25°♋00'49	1°28'57
minimum elong	-6179 Sep 02 j 23:10	25°♋00'49	1°29'19
morning rise	-6179 Sep 15 j 09:27	27°♋48'46	
	-6179 Sep 25 j 05:14	0°♌	
	-6179 Dec 28 j 02:11	15°♌	
retrograde	-6178 Jan 16 j 16:57	15°♌35'40	
	-6178 Feb 05 j 08:39	15℞♌	
opposition	-6178 Mar 18 j 20:20	10°♌43'16	2°02'06
min. Earth dist.	-6178 Mar 19 j 19:20	10°♌35'58	4.27495 AU
direct	-6178 May 19 j 17:01	5°♌46'33	
	-6178 Aug 11 j 00:04	15°♌	
evening set	-6178 Sep 21 j 20:29	23°♌59'44	
max. Earth dist.	-6178 Oct 03 j 08:00	26°♌37'41	6.22919 AU
conjunction	-6178 Oct 04 j 08:20	26°♌51'41	1°10'35
minimum elong	-6178 Oct 04 j 08:23	26°♌51'43	1°10'50
morning rise	-6178 Oct 16 j 20:19	29°♌43'55	
	-6178 Oct 18 j 00:28	0°♍	
retrograde	-6177 Feb 20 j 05:26	18°♍16'46	
opposition	-6177 Apr 22 j 11:38	13°♍21'44	1°17'05
min. Earth dist.	-6177 Apr 22 j 23:38	13°♍17'53	4.18152 AU
direct	-6177 Jun 22 j 05:23	8°♍27'34	
evening set	-6177 Oct 24 j 05:53	26°♍57'33	
conjunction	-6177 Nov 05 j 22:42	29°♍55'41	0°29'17
minimum elong	-6177 Nov 05 j 22:45	29°♍55'43	0°29'19
max. Earth dist.	-6177 Nov 05 j 16:14	29°♍51'54	6.13498 AU
	-6177 Nov 06 j 06:04	0°♎	
morning rise	-6177 Nov 18 j 17:45	2°♎55'06	
retrograde	-6176 Mar 27 j 03:52	22°♎18'05	
opposition	-6176 May 27 j 05:54	17°♎19'13	0°04'12
min. Earth dist.	-6176 May 27 j 01:04	17°♎20'48	4.09336 AU
desc. node	-6176 Jun 17 j 04:15	14°♎44'05	
direct	-6176 Jul 25 j 15:48	12°♎26'15	
	-6176 Nov 20 j 20:41	0°♏	
evening set	-6176 Nov 26 j 06:29	1°♏16'04	
conjunction	-6176 Dec 09 j 07:09	4°♏20'48	-0°23'14
minimum elong	-6176 Dec 09 j 07:06	4°♏20'47	0°23'25
max. Earth dist.	-6176 Dec 10 j 00:48	4°♏31'16	6.06130 AU
morning rise	-6176 Dec 22 j 10:50	7°♏27'18	
	-6175 Jan 24 j 18:40	15°♏	
retrograde	-6175 May 03 j 01:20	27°♏27'53	
opposition	-6175 Jul 02 j 13:29	22°♏25'16	-1°12'36
min. Earth dist.	-6175 Jul 01 j 19:05	22°♏31'24	4.04172 AU
direct	-6175 Aug 29 j 23:44	17°♏31'33	
	-6175 Dec 03 j 01:04	0°♐	
evening set	-6174 Jan 01 j 01:08	6°♐37'34	
conjunction	-6174 Jan 14 j 09:17	9°♐46'39	-1°08'14
minimum elong	-6174 Jan 14 j 09:13	9°♐46'37	1°08'35
max. Earth dist.	-6174 Jan 15 j 20:35	10°♐07'32	6.03547 AU
morning rise	-6174 Jan 27 j 20:55	12°♐57'30	
	-6174 Apr 24 j 14:56	0°♑	
retrograde	-6174 Jun 08 j 14:46	3°♑05'48	
	-6174 Jul 23 j 12:39	30℞♐	
min. Earth dist.	-6174 Aug 06 j 10:36	28°♐09'54	4.04612 AU
opposition	-6174 Aug 07 j 13:10	28°♐00'52	-2°03'05
direct	-6174 Oct 04 j 14:00	23°♐04'31	
	-6174 Dec 11 j 11:54	0°♑	
evening set	-6173 Feb 06 j 22:15	12°♑15'28	
conjunction	-6173 Feb 20 j 12:41	15°♑25'41	-1°28'00
minimum elong	-6173 Feb 20 j 12:41	15°♑25'41	1°28'24
max. Earth dist.	-6173 Feb 22 j 05:35	15°♑49'33	6.06828 AU
morning rise	-6173 Mar 06 j 05:25	18°♑36'56	
	-6173 Apr 28 j 05:02	0°♒	
retrograde	-6173 Jul 14 j 00:57	8°♒17'11	
min. Earth dist.	-6173 Sep 10 j 11:50	3°♒20'25	4.10445 AU
opposition	-6173 Sep 11 j 11:06	3°♒12'27	-2°07'29
	-6173 Oct 07 j 01:30	30℞♑	
direct	-6173 Nov 09 j 00:30	28°♑12'38	
	-6173 Dec 12 j 05:28	0°♒	
	-6172 Mar 04 j 20:31	15°♒	
evening set	-6172 Mar 14 j 17:21	17°♒13'41	
conjunction	-6172 Mar 28 j 11:26	20°♒22'01	-1°15'35
minimum elong	-6172 Mar 28 j 11:30	20°♒22'03	1°15'52
max. Earth dist.	-6172 Mar 29 j 19:18	20°♒40'14	6.14696 AU
morning rise	-6172 Apr 11 j 05:44	23°♒30'19	
	-6172 May 10 j 18:40	0°♓	
retrograde	-6172 Aug 15 j 18:12	12°♓19'17	
opposition	-6172 Oct 13 j 23:55	7°♓17'09	-1°27'22

Attention, astronomical year style is used: The year -6172 in astronomical counting style is the year 6173 BCE in historical counting style.

min. Earth dist.	-6172 Oct 13 j 09:52	7°♓21'55	4.19494 AU	
direct	-6172 Dec 12 j 14:08	2°♓14'34		
evening set	-6171 Apr 19 j 09:39	20°♓55'39		
conjunction	-6171 May 03 j 02:34	23°♓59'34	-0°37'46	
minimum elong	-6171 May 03 j 02:38	23°♓59'35	0°37'49	
max. Earth dist.	-6171 May 03 j 12:27	24°♓05'06	6.24274 AU	
morning rise	-6171 May 16 j 17:56	27°♓02'29		
	-6171 May 30 j 04:43	0°♈		
retrograde	-6171 Sep 16 j 24:00	14°♈59'02		
opposition	-6171 Nov 15 j 08:22	10°♈00'39	-0°20'48	
min. Earth dist.	-6171 Nov 15 j 09:05	10°♈00'25	4.28653 AU	
direct	-6170 Jan 15 j 06:17	4°♈56'42		
asc. node	-6170 Mar 09 j 00:32	8°♈55'52		
evening set	-6170 May 23 j 12:22	23°♈16'56		
conjunction	-6170 Jun 05 j 23:08	26°♈14'59	0°10'58	
minimum elong	-6170 Jun 05 j 23:07	26°♈14'58	0°11'06	
behind sun begin	-6170 Jun 05 j 17:04	26°♈11'38		
behind sun end	-6170 Jun 06 j 05:10	26°♈18'18		
max. Earth dist.	-6170 Jun 05 j 11:57	26°♈08'48	6.32374 AU	
morning rise	-6170 Jun 19 j 06:35	29°♈11'20		
	-6170 Jun 22 j 23:25	0°♉		
	-6170 Sep 17 j 05:16	15°♉		
retrograde	-6170 Oct 18 j 06:24	16°♉31'20		
	-6170 Nov 18 j 08:17	15°℞♉		
opposition	-6170 Dec 17 j 00:57	11°♉36'37	0°49'42	
min. Earth dist.	-6170 Dec 17 j 14:28	11°♉32'12	4.35106 AU	
direct	-6169 Feb 16 j 23:34	6°♉33'02		
	-6169 May 09 j 00:13	15°♉		
evening set	-6169 Jun 25 j 03:29	24°♉38'27		
max. Earth dist.	-6169 Jul 06 j 22:53	27°♉14'22	6.36629 AU	
conjunction	-6169 Jul 08 j 04:31	27°♉30'43	0°55'21	
minimum elong	-6169 Jul 08 j 04:27	27°♉30'41	0°55'40	
	-6169 Jul 19 j 11:23	0°♊		
morning rise	-6169 Jul 21 j 02:14	0°♊21'19		
retrograde	-6169 Nov 18 j 11:59	17°♊28'33		
opposition	-6168 Jan 17 j 18:09	12°♊36'21	1°44'43	
min. Earth dist.	-6168 Jan 18 j 18:34	12°♊28'30	4.37008 AU	
direct	-6168 Mar 20 j 07:48	7°♊34'27		
evening set	-6168 Jul 25 j 16:45	25°♊34'05		
max. Earth dist.	-6168 Aug 05 j 19:33	28°♊01'59	6.35893 AU	
conjunction	-6168 Aug 07 j 08:59	28°♊22'49	1°23'34	
minimum elong	-6168 Aug 07 j 08:56	28°♊22'47	1°23'58	
	-6168 Aug 14 j 15:44	0°♋		
morning rise	-6168 Aug 19 j 22:27	1°♋10'16		
retrograde	-6168 Dec 19 j 06:51	18°♋29'21		
opposition	-6167 Feb 18 j 02:38	13°♋37'51	2°10'11	
min. Earth dist.	-6167 Feb 19 j 05:23	13°♋29'20	4.33803 AU	
direct	-6167 Apr 21 j 13:13	8°♋38'35		
evening set	-6167 Aug 25 j 19:59	26°♋41'55		
max. Earth dist.	-6167 Sep 05 j 20:17	29°♋10'50	6.30383 AU	
conjunction	-6167 Sep 07 j 07:19	29°♋30'39	1°27'57	
minimum elong	-6167 Sep 07 j 07:21	29°♋30'40	1°28'18	
	-6167 Sep 09 j 11:12	0°♌		
morning rise	-6167 Sep 19 j 17:23	2°♌18'54		
	-6167 Nov 22 j 01:52	15°♌		
retrograde	-6166 Jan 21 j 10:47	20°♌11'11		
opposition	-6166 Mar 23 j 14:22	15°♌18'33	1°57'59	
min. Earth dist.	-6166 Mar 24 j 13:13	15°♌11'18	4.26328 AU	
	-6166 Mar 26 j 00:49	15°℞♌		
direct	-6166 May 24 j 08:44	10°♌22'14		
	-6166 Jul 20 j 04:02	15°♌		
evening set	-6166 Sep 26 j 07:10	28°♌37'23		
	-6166 Oct 02 j 07:06	0°♍		
conjunction	-6166 Oct 08 j 19:21	1°♍30'03	1°06'01	
minimum elong	-6166 Oct 08 j 19:25	1°♍30'06	1°06'14	
max. Earth dist.	-6166 Oct 07 j 19:42	1°♍16'25	6.21593 AU	
morning rise	-6166 Oct 21 j 08:13	4°♍23'13		
retrograde	-6165 Feb 25 j 02:57	23°♍03'14		
opposition	-6165 Apr 27 j 09:46	18°♍07'41	1°08'10	
min. Earth dist.	-6165 Apr 27 j 19:04	18°♍04'42	4.16751 AU	
direct	-6165 Jun 26 j 22:26	13°♍13'47		
	-6165 Oct 21 j 04:48	0°♎		
evening set	-6165 Oct 28 j 21:19	1°♎46'53		
conjunction	-6165 Nov 10 j 15:17	4°♎46'04	0°22'15	
minimum elong	-6165 Nov 10 j 15:19	4°♎46'05	0°22'14	
max. Earth dist.	-6165 Nov 10 j 12:55	4°♎44'41	6.12161 AU	
morning rise	-6165 Nov 23 j 11:22	7°♎46'35		
retrograde	-6164 Apr 01 j 08:40	27°♎16'36		
desc. node	-6164 Apr 27 j 09:56	26°♎13'17		
opposition	-6164 Jun 01 j 07:38	22°♎17'14	-0°07'01	
min. Earth dist.	-6164 Jun 01 j 01:40	22°♎19'11	4.08170 AU	
direct	-6164 Jul 30 j 14:13	17°♎24'19		
	-6164 Nov 03 j 16:59	0°♏		
evening set	-6164 Dec 01 j 04:37	6°♏17'32		
conjunction	-6164 Dec 14 j 06:17	9°♏23'08	-0°30'28	
minimum elong	-6164 Dec 14 j 06:14	9°♏23'07	0°30'41	
max. Earth dist.	-6164 Dec 15 j 01:56	9°♏34'47	6.05234 AU	
morning rise	-6164 Dec 27 j 11:21	12°♏30'36		
	-6163 Jan 07 j 03:25	15°♏		
	-6163 Mar 27 j 23:45	0°♐		
retrograde	-6163 May 08 j 05:20	2°♐35'17		
	-6163 Jun 18 j 09:48	30°℞♏		
opposition	-6163 Jul 07 j 15:59	27°♏32'16	-1°21'57	
min. Earth dist.	-6163 Jul 06 j 19:00	27°♏39'17	4.03675 AU	
direct	-6163 Sep 03 j 22:13	22°♏38'22		
	-6163 Nov 12 j 23:19	0°♐		
evening set	-6162 Jan 06 j 05:10	11°♐46'50		
conjunction	-6162 Jan 19 j 14:22	14°♐56'24	-1°12'52	
minimum elong	-6162 Jan 19 j 14:18	14°♐56'21	1°13'14	
max. Earth dist.	-6162 Jan 21 j 03:44	15°♐18'29	6.03488 AU	
morning rise	-6162 Feb 02 j 02:49	18°♐07'37		
	-6162 Mar 28 j 21:37	0°♑		
retrograde	-6162 Jun 13 j 17:54	8°♑14'50		
min. Earth dist.	-6162 Aug 11 j 11:25	3°♑18'48	4.05030 AU	
opposition	-6162 Aug 12 j 13:48	3°♑09'49	-2°06'43	
	-6162 Sep 06 j 22:10	30°℞♐		
direct	-6162 Oct 09 j 15:53	28°♐13'04		
	-6162 Nov 11 j 10:52	0°♑		
evening set	-6161 Feb 12 j 04:17	17°♑23'54		
conjunction	-6161 Feb 25 j 19:31	20°♑34'03	-1°28'10	
minimum elong	-6161 Feb 25 j 19:31	20°♑34'03	1°28'33	
max. Earth dist.	-6161 Feb 27 j 13:42	20°♑58'36	6.07712 AU	
morning rise	-6161 Mar 11 j 12:40	23°♑45'05		
	-6161 Apr 08 j 08:50	0°♒		
retrograde	-6161 Jul 18 j 22:24	13°♒18'51		
min. Earth dist.	-6161 Sep 15 j 07:54	8°♒22'27	4.11738 AU	
opposition	-6161 Sep 16 j 07:22	8°♒14'26	-2°04'11	
direct	-6161 Nov 13 j 23:01	3°♒14'15		
	-6160 Feb 15 j 23:07	15°♒		
evening set	-6160 Mar 19 j 20:31	22°♒12'07		
conjunction	-6160 Apr 02 j 14:32	25°♒19'46	-1°11'29	
minimum elong	-6160 Apr 02 j 14:36	25°♒19'49	1°11'45	
max. Earth dist.	-6160 Apr 03 j 19:20	25°♒36'11	6.16302 AU	

Attention, astronomical year style is used: The year -6160 in astronomical counting style is the year 6161 BCE in historical counting style.

morning rise	-6160 Apr 16 j 08:47	28°♒27'17		
	-6160 Apr 23 j 05:42	0°♓		
retrograde	-6160 Aug 20 j 08:39	17°♓07'17		
opposition	-6160 Oct 18 j 14:47	12°♓05'34	-1°19'05	
min. Earth dist.	-6160 Oct 18 j 02:41	12°♓09'41	4.21250 AU	
direct	-6160 Dec 17 j 10:30	7°♓02'41		
evening set	-6159 Apr 24 j 06:23	25°♓38'58		
conjunction	-6159 May 07 j 22:47	28°♓41'53	-0°31'16	
minimum elong	-6159 May 07 j 22:50	28°♓41'55	0°31'19	
max. Earth dist.	-6159 May 08 j 07:21	28°♓46'40	6.26063 AU	
	-6159 May 13 j 18:42	0°♈		
morning rise	-6159 May 21 j 13:00	1°♈43'37		
retrograde	-6159 Sep 21 j 07:53	19°♈31'57		
opposition	-6159 Nov 19 j 18:16	14°♈34'06	-0°10'48	
min. Earth dist.	-6159 Nov 19 j 20:11	14°♈33'28	4.30316 AU	
asc. node	-6158 Jan 17 j 18:24	9°♈30'31		
direct	-6158 Jan 19 j 19:43	9°♈30'07		
evening set	-6158 May 28 j 02:05	27°♈45'50		
	-6158 Jun 07 j 05:59	0°♉		
conjunction	-6158 Jun 10 j 11:23	0°♉42'43	0°17'35	
minimum elong	-6158 Jun 10 j 11:22	0°♉42'42	0°17'46	
max. Earth dist.	-6158 Jun 09 j 19:40	0°♉34'03	6.33765 AU	
morning rise	-6158 Jun 23 j 17:37	3°♉37'58		
	-6158 Aug 19 j 16:34	15°♉		
retrograde	-6158 Oct 22 j 12:39	20°♉53'00		
opposition	-6158 Dec 21 j 08:25	15°♉58'41	0°58'25	
min. Earth dist.	-6158 Dec 22 j 00:51	15°♉53'19	4.36128 AU	
	-6158 Dec 28 j 21:14	15°℞♉		
direct	-6157 Feb 21 j 11:16	10°♉55'10		
	-6157 Apr 16 j 16:06	15°♉		
evening set	-6157 Jun 29 j 11:08	28°♉57'42		
	-6157 Jul 04 j 04:46	0°♊		
max. Earth dist.	-6157 Jul 11 j 03:54	1°♊32'03	6.37178 AU	
conjunction	-6157 Jul 12 j 10:57	1°♊49'11	1°00'19	
minimum elong	-6157 Jul 12 j 10:53	1°♊49'09	1°00'37	
morning rise	-6157 Jul 25 j 07:11	4°♊38'59		
retrograde	-6157 Nov 22 j 16:11	21°♊45'27		
opposition	-6156 Jan 22 j 01:29	16°♊53'25	1°50'03	
min. Earth dist.	-6156 Jan 23 j 02:30	16°♊45'23	4.37065 AU	
direct	-6156 Mar 24 j 14:54	11°♊51'47		
evening set	-6156 Jul 29 j 21:39	29°♊50'57		
	-6156 Jul 30 j 14:01	0°♋		
max. Earth dist.	-6156 Aug 09 j 21:36	2°♋17'34	6.35428 AU	
conjunction	-6156 Aug 11 j 12:48	2°♋39'25	1°25'38	
minimum elong	-6156 Aug 11 j 12:46	2°♋39'24	1°26'02	
morning rise	-6156 Aug 24 j 01:33	5°♋26'44		
retrograde	-6156 Dec 23 j 17:07	22°♋49'15		
opposition	-6155 Feb 22 j 13:00	17°♋57'44	2°10'49	
min. Earth dist.	-6155 Feb 23 j 17:27	17°♋48'42	4.32837 AU	
direct	-6155 Apr 25 j 23:26	12°♋58'46		
	-6155 Aug 25 j 06:46	0°♌		
evening set	-6155 Aug 30 j 01:12	1°♌04'08		
max. Earth dist.	-6155 Sep 10 j 01:03	3°♌33'18	6.28985 AU	
conjunction	-6155 Sep 11 j 12:26	3°♌53'22	1°26'29	
minimum elong	-6155 Sep 11 j 12:28	3°♌53'23	1°26'49	
morning rise	-6155 Sep 23 j 22:38	6°♌42'14		
	-6155 Nov 01 j 14:46	15°♌		
retrograde	-6154 Jan 26 j 00:58	24°♌41'42		
opposition	-6154 Mar 28 j 05:57	19°♌48'44	1°53'19	
min. Earth dist.	-6154 Mar 29 j 03:07	19°♌42'00	4.24588 AU	
	-6154 May 20 j 00:13	15°℞♌		
direct	-6154 May 28 j 19:23	14°♌52'44		
	-6154 Jun 06 j 15:25	15°♌		
	-6154 Sep 16 j 13:43	0°♍		
evening set	-6154 Sep 30 j 16:24	3°♍12'02		
max. Earth dist.	-6154 Oct 12 j 08:22	5°♍53'40	6.19672 AU	
conjunction	-6154 Oct 13 j 05:17	6°♍05'47	1°01'05	
minimum elong	-6154 Oct 13 j 05:21	6°♍05'49	1°01'17	
morning rise	-6154 Oct 25 j 18:56	9°♍00'08		
retrograde	-6153 Mar 02 j 03:22	27°♍49'32		
opposition	-6153 May 02 j 07:51	22°♍53'32	0°58'51	
min. Earth dist.	-6153 May 02 j 16:12	22°♍50'50	4.14775 AU	
direct	-6153 Jul 01 j 16:39	17°♍59'50		
	-6153 Oct 04 j 05:59	0°♎		
evening set	-6153 Nov 02 j 13:49	6°♎38'09		
conjunction	-6153 Nov 15 j 08:52	9°♎38'38	0°15'02	
minimum elong	-6153 Nov 15 j 08:53	9°♎38'38	0°15'01	
behind sun begin	-6153 Nov 15 j 05:43	9°♎36'47		
behind sun end	-6153 Nov 15 j 12:03	9°♎40'30		
max. Earth dist.	-6153 Nov 15 j 09:00	9°♎38'42	6.10324 AU	
morning rise	-6153 Nov 28 j 06:25	12°♎40'33		
	-6152 Feb 27 j 08:38	0°♏		
desc. node	-6152 Mar 07 j 14:41	0°♏56'25		
retrograde	-6152 Apr 06 j 12:47	2°♏19'06		
	-6152 May 15 j 19:51	30°℞♎		
opposition	-6152 Jun 06 j 10:24	27°♎19'10	-0°18'17	
min. Earth dist.	-6152 Jun 06 j 00:55	27°♎22'17	4.06660 AU	
direct	-6152 Aug 04 j 11:05	22°♎26'15		
	-6152 Oct 14 j 23:11	0°♏		
evening set	-6152 Dec 06 j 05:21	11°♏24'08		
conjunction	-6152 Dec 19 j 08:15	14°♏30'44	-0°37'33	
minimum elong	-6152 Dec 19 j 08:12	14°♏30'42	0°37'48	
max. Earth dist.	-6152 Dec 20 j 07:56	14°♏44'47	6.04182 AU	
	-6152 Dec 21 j 09:33	15°♏		
morning rise	-6151 Jan 01 j 14:31	17°♏39'10		
	-6151 Feb 27 j 17:15	0°♐		
retrograde	-6151 May 13 j 12:19	7°♐47'56		
opposition	-6151 Jul 12 j 20:24	2°♐44'25	-1°30'47	
min. Earth dist.	-6151 Jul 11 j 22:03	2°♐51'55	4.03197 AU	
	-6151 Aug 03 j 13:59	30°℞♏		
direct	-6151 Sep 09 j 01:25	27°♏50'09		
	-6151 Oct 15 j 06:24	0°♐		
evening set	-6150 Jan 11 j 11:32	17°♐00'37		
conjunction	-6150 Jan 24 j 21:47	20°♐10'33	-1°16'58	
minimum elong	-6150 Jan 24 j 21:44	20°♐10'31	1°17'20	
max. Earth dist.	-6150 Jan 26 j 14:31	20°♐34'35	6.03600 AU	
morning rise	-6150 Feb 07 j 11:07	23°♐22'02		
	-6150 Mar 08 j 15:47	0°♑		
retrograde	-6150 Jun 18 j 21:31	13°♑26'32		
opposition	-6150 Aug 17 j 15:26	8°♑21'23	-2°09'20	
min. Earth dist.	-6150 Aug 16 j 12:04	8°♑30'42	4.05720 AU	
direct	-6150 Oct 14 j 17:52	3°♑24'08		
evening set	-6149 Feb 17 j 11:29	22°♑33'29		
conjunction	-6149 Mar 03 j 03:08	25°♑43'20	-1°27'39	
minimum elong	-6149 Mar 03 j 03:09	25°♑43'21	1°28'00	
max. Earth dist.	-6149 Mar 04 j 19:31	26°♑06'46	6.08858 AU	
morning rise	-6149 Mar 16 j 20:47	28°♑53'59		
	-6149 Mar 21 j 15:57	0°♒		
	-6149 Jun 07 j 06:40	15°♒		
retrograde	-6149 Jul 23 j 18:38	18°♒20'04		
	-6149 Sep 08 j 04:13	15°℞♒		
min. Earth dist.	-6149 Sep 20 j 05:11	13°♒23'27	4.13178 AU	
opposition	-6149 Sep 21 j 03:30	13°♒15'49	-1°59'57	
direct	-6149 Nov 18 j 23:13	8°♒15'07		

Attention, astronomical year style is used: The year -6148 in astronomical counting style is the year 6149 BCE in historical counting style.

	-6148 Jan 26 j 05:23	15°♒	
evening set	-6148 Mar 24 j 23:34	27°♒09'23	
	-6148 Apr 06 j 12:53	0°♓	
conjunction	-6148 Apr 07 j 17:47	0°♓16'24	-1°06'52
minimum elong	-6148 Apr 07 j 17:52	0°♓16'27	1°07'05
max. Earth dist.	-6148 Apr 08 j 21:17	0°♓32'01	6.17916 AU
morning rise	-6148 Apr 21 j 11:34	3°♓23'04	
retrograde	-6148 Aug 24 j 23:25	21°♓54'16	
opposition	-6148 Oct 23 j 05:36	16°♓53'07	-1°10'15
min. Earth dist.	-6148 Oct 22 j 19:19	16°♓56'35	4.22855 AU
direct	-6148 Dec 22 j 05:10	11°♓50'00	
	-6147 Apr 27 j 10:57	0°♈	
evening set	-6147 Apr 29 j 03:25	0°♈22'21	
conjunction	-6147 May 12 j 18:57	3°♈24'21	-0°24'31
minimum elong	-6147 May 12 j 19:00	3°♈24'22	0°24'32
max. Earth dist.	-6147 May 12 j 22:36	3°♈26'22	6.27527 AU
morning rise	-6147 May 26 j 08:25	6°♈25'07	
retrograde	-6147 Sep 25 j 18:03	24°♈06'56	
opposition	-6147 Nov 24 j 05:44	19°♈09'37	-0°00'36
min. Earth dist.	-6147 Nov 24 j 10:14	19°♈08'07	4.31527 AU
asc. node	-6147 Nov 27 j 13:28	18°♈43'09	
direct	-6146 Jan 24 j 11:44	14°♈05'36	
	-6146 May 22 j 01:47	0°♉	
evening set	-6146 Jun 01 j 17:14	2°♉18'32	
max. Earth dist.	-6146 Jun 14 j 07:56	5°♉04'56	6.34638 AU
conjunction	-6146 Jun 15 j 01:24	5°♉14'34	0°24'16
minimum elong	-6146 Jun 15 j 01:22	5°♉14'33	0°24'28
morning rise	-6146 Jun 28 j 06:04	8°♉08'52	
	-6146 Jul 30 j 17:30	15°♉	
retrograde	-6146 Oct 26 j 20:43	25°♉20'59	
opposition	-6146 Dec 25 j 18:50	20°♉27'09	1°07'06
min. Earth dist.	-6146 Dec 26 j 12:33	20°♉21'23	4.36623 AU
direct	-6145 Feb 25 j 23:26	15°♉23'55	
	-6145 Jun 18 j 01:34	0°♊	
evening set	-6145 Jul 03 j 22:27	3°♊25'24	
max. Earth dist.	-6145 Jul 15 j 10:21	5°♊57'15	6.37237 AU
conjunction	-6145 Jul 16 j 20:45	6°♊16'15	1°05'08
minimum elong	-6145 Jul 16 j 20:41	6°♊16'13	1°05'28
morning rise	-6145 Jul 29 j 15:54	9°♊05'32	
retrograde	-6145 Nov 27 j 03:58	26°♊13'01	
opposition	-6144 Jan 26 j 13:49	21°♊21'12	1°55'04
min. Earth dist.	-6144 Jan 27 j 16:44	21°♊12'35	4.36708 AU
direct	-6144 Mar 29 j 04:40	16°♊19'54	
	-6144 Jul 14 j 08:02	0°♋	
evening set	-6144 Aug 03 j 06:56	4°♋19'48	
max. Earth dist.	-6144 Aug 14 j 06:45	6°♋46'37	6.34671 AU
conjunction	-6144 Aug 15 j 21:25	7°♋08'13	1°27'20
minimum elong	-6144 Aug 15 j 21:23	7°♋08'12	1°27'43
morning rise	-6144 Aug 28 j 09:22	9°♋55'33	
retrograde	-6144 Dec 28 j 06:43	27°♋22'38	
opposition	-6143 Feb 27 j 05:13	22°♋31'04	2°10'44
min. Earth dist.	-6143 Feb 28 j 08:29	22°♋22'24	4.31749 AU
direct	-6143 Apr 30 j 12:32	17°♋32'35	
	-6143 Aug 08 j 14:52	0°♌	
evening set	-6143 Sep 03 j 11:35	5°♌40'05	
conjunction	-6143 Sep 15 j 22:38	8°♌29'48	1°24'25
minimum elong	-6143 Sep 15 j 22:40	8°♌29'49	1°24'45
max. Earth dist.	-6143 Sep 14 j 12:30	8°♌10'23	6.27657 AU
morning rise	-6143 Sep 28 j 09:01	11°♌19'19	
	-6143 Oct 14 j 20:51	15°♌	
retrograde	-6142 Jan 30 j 23:07	29°♌25'51	
opposition	-6142 Apr 02 j 03:28	24°♌32'38	1°47'39
min. Earth dist.	-6142 Apr 02 j 23:56	24°♌26'07	4.23108 AU
direct	-6142 Jun 02 j 14:22	19°♌37'03	
	-6142 Aug 29 j 22:02	0°♍	
evening set	-6142 Oct 05 j 06:25	7°♍59'18	
conjunction	-6142 Oct 17 j 20:01	10°♍53'59	0°55'34
minimum elong	-6142 Oct 17 j 20:05	10°♍54'01	0°55'43
max. Earth dist.	-6142 Oct 17 j 01:50	10°♍43'26	6.18202 AU
morning rise	-6142 Oct 30 j 10:37	13°♍49'24	
	-6141 Jan 23 j 00:19	0°♎	
retrograde	-6141 Mar 07 j 05:07	2°♎46'21	
	-6141 Apr 19 j 23:13	30°℞♍	
opposition	-6141 May 07 j 09:43	27°♍49'52	0°48'45
min. Earth dist.	-6141 May 07 j 14:34	27°♍48'18	4.13458 AU
direct	-6141 Jul 06 j 12:45	22°♍56'28	
	-6141 Sep 14 j 06:11	0°♎	
evening set	-6141 Nov 07 j 09:24	11°♎37'34	
conjunction	-6141 Nov 20 j 05:29	14°♎38'58	0°07'34
minimum elong	-6141 Nov 20 j 05:29	14°♎38'58	0°07'31
behind sun begin	-6141 Nov 19 j 22:08	14°♎34'38	
behind sun end	-6141 Nov 20 j 12:51	14°♎43'17	
max. Earth dist.	-6141 Nov 20 j 09:34	14°♎41'21	6.09291 AU
morning rise	-6141 Dec 03 j 04:13	17°♎41'53	
desc. node	-6140 Jan 15 j 21:36	27°♎22'13	
	-6140 Jan 29 j 14:27	0°♏	
retrograde	-6140 Apr 11 j 18:52	7°♏25'49	
opposition	-6140 Jun 11 j 14:31	2°♏25'16	-0°29'33
min. Earth dist.	-6140 Jun 11 j 03:05	2°♏29'03	4.06015 AU
	-6140 Jun 30 j 21:05	30°℞♎	
direct	-6140 Aug 09 j 12:19	27°♎32'17	
	-6140 Sep 17 j 12:44	0°♏	
	-6140 Dec 04 j 18:09	15°♏	
evening set	-6140 Dec 11 j 06:16	16°♏31'39	
conjunction	-6140 Dec 24 j 10:15	19°♏38'47	-0°44'20
minimum elong	-6140 Dec 24 j 10:11	19°♏38'45	0°44'37
max. Earth dist.	-6140 Dec 25 j 13:59	19°♏55'15	6.03977 AU
morning rise	-6139 Jan 06 j 17:33	22°♏47'45	
	-6139 Feb 07 j 09:36	0°♐	
retrograde	-6139 May 18 j 16:24	12°♐56'59	
opposition	-6139 Jul 17 j 22:43	7°♐53'06	-1°38'43
min. Earth dist.	-6139 Jul 16 j 22:48	8°♐01'08	4.03489 AU
direct	-6139 Sep 14 j 02:08	2°♐58'31	
evening set	-6138 Jan 16 j 15:37	22°♐08'27	
conjunction	-6138 Jan 30 j 02:32	25°♐18'20	-1°20'22
minimum elong	-6138 Jan 30 j 02:28	25°♐18'18	1°20'45
max. Earth dist.	-6138 Jan 31 j 19:00	25°♐42'10	6.04314 AU
morning rise	-6138 Feb 12 j 16:39	28°♐29'45	
	-6138 Feb 19 j 03:57	0°♑	
retrograde	-6138 Jun 23 j 19:43	18°♑29'27	
min. Earth dist.	-6138 Aug 21 j 09:41	13°♑33'30	4.06783 AU
opposition	-6138 Aug 22 j 12:55	13°♑24'12	-2°10'51
direct	-6138 Oct 19 j 17:25	8°♑26'23	
evening set	-6137 Feb 22 j 14:18	27°♑33'19	
	-6137 Mar 05 j 04:36	0°♒	
conjunction	-6137 Mar 08 j 06:39	0°♒42'49	-1°26'29
minimum elong	-6137 Mar 08 j 06:41	0°♒42'50	1°26'50
max. Earth dist.	-6137 Mar 09 j 22:49	1°♒06'03	6.10176 AU
morning rise	-6137 Mar 22 j 00:21	3°♒52'55	
	-6137 May 13 j 04:18	15°♒	
retrograde	-6137 Jul 28 j 11:56	23°♒11'09	
opposition	-6137 Sep 25 j 19:35	18°♒07'15	-1°55'02
min. Earth dist.	-6137 Sep 24 j 23:16	18°♒14'11	4.14598 AU

Attention, astronomical year style is used: The year -6137 in astronomical counting style is the year 6138 BCE in historical counting style.

	-6137 Oct 20 j 14:35	15°℞♒	
direct	-6137 Nov 23 j 18:46	13°♒06'08	
	-6137 Dec 28 j 07:43	15°♒	
	-6136 Mar 21 j 04:50	0°♓	
evening set	-6136 Mar 29 j 22:18	1°♓57'03	
conjunction	-6136 Apr 12 j 16:21	5°♓03'26	-1°01'58
minimum elong	-6136 Apr 12 j 16:26	5°♓03'29	1°02'09
max. Earth dist.	-6136 Apr 13 j 15:33	5°♓16'33	6.19317 AU
morning rise	-6136 Apr 26 j 09:58	8°♓09'23	
retrograde	-6136 Aug 29 j 09:44	26°♓33'08	
opposition	-6136 Oct 27 j 17:13	21°♓32'27	-1°01'17
min. Earth dist.	-6136 Oct 27 j 08:55	21°♓35'15	4.24107 AU
direct	-6136 Dec 26 j 20:51	16°♓29'04	
	-6135 Apr 10 j 19:58	0°♈	
evening set	-6135 May 03 j 21:12	4°♈58'47	
conjunction	-6135 May 17 j 12:04	8°♈00'04	-0°17'48
minimum elong	-6135 May 17 j 12:06	8°♈00'05	0°17'47
max. Earth dist.	-6135 May 17 j 12:48	8°♈00'28	6.28559 AU
morning rise	-6135 May 31 j 00:27	11°♈00'00	
retrograde	-6135 Sep 30 j 02:58	28°♈37'01	
asc. node	-6135 Oct 08 j 10:38	28°♈30'09	
opposition	-6135 Nov 28 j 15:19	23°♈40'16	0°09'21
min. Earth dist.	-6135 Nov 28 j 22:12	23°♈37'59	4.32260 AU
direct	-6134 Jan 29 j 01:02	18°♈36'17	
	-6134 May 05 j 00:56	0°♉	
evening set	-6134 Jun 06 j 06:52	6°♉47'57	
conjunction	-6134 Jun 19 j 13:43	9°♉43'19	0°30'42
minimum elong	-6134 Jun 19 j 13:41	9°♉43'17	0°30'55
max. Earth dist.	-6134 Jun 18 j 16:17	9°♉31'30	6.35009 AU
morning rise	-6134 Jul 02 j 17:15	12°♉36'58	
	-6134 Jul 13 j 16:33	15°♉	
retrograde	-6134 Oct 31 j 05:51	29°♉47'57	
opposition	-6134 Dec 30 j 05:15	24°♉54'27	1°15'19
min. Earth dist.	-6134 Dec 31 j 00:44	24°♉48'07	4.36643 AU
direct	-6133 Mar 02 j 12:04	19°♉51'23	
	-6133 May 31 j 15:02	0°♊	
evening set	-6133 Jul 08 j 09:13	7°♊53'05	
max. Earth dist.	-6133 Jul 19 j 20:18	10°♊24'41	6.36903 AU
conjunction	-6133 Jul 21 j 06:25	10°♊43'34	1°09'32
minimum elong	-6133 Jul 21 j 06:21	10°♊43'32	1°09'53
morning rise	-6133 Aug 03 j 00:15	13°♊32'28	
	-6133 Nov 10 j 11:04	0°♋	
retrograde	-6133 Dec 01 j 14:49	0°♋42'11	
	-6133 Dec 22 j 20:11	30°℞♊	
opposition	-6132 Jan 31 j 03:09	25°♊50'33	1°59'25
min. Earth dist.	-6132 Feb 01 j 05:57	25°♊41'59	4.36070 AU
direct	-6132 Apr 02 j 17:24	20°♊49'40	
	-6132 Jun 26 j 09:41	0°♋	
evening set	-6132 Aug 07 j 17:09	8°♋50'47	
max. Earth dist.	-6132 Aug 18 j 15:22	11°♋17'10	6.33767 AU
conjunction	-6132 Aug 20 j 06:42	11°♋39'12	1°28'29
minimum elong	-6132 Aug 20 j 06:40	11°♋39'11	1°28'51
morning rise	-6132 Sep 01 j 18:15	14°♋26'40	
	-6132 Nov 26 j 20:06	0°♌	
retrograde	-6131 Jan 01 j 24:00	1°♌58'37	
	-6131 Feb 07 j 13:06	30°℞♋	
opposition	-6131 Mar 03 j 22:57	27°♋06'55	2°09'48
min. Earth dist.	-6131 Mar 05 j 01:55	26°♋58'21	4.30644 AU
direct	-6131 May 05 j 04:54	22°♋08'50	
	-6131 Jul 20 j 18:33	0°♌	
evening set	-6131 Sep 07 j 22:47	10°♌18'05	
max. Earth dist.	-6131 Sep 19 j 02:47	12°♌50'31	6.26456 AU

conjunction	-6131 Sep 20 j 10:01	13°♌08'20	1°21'48
minimum elong	-6131 Sep 20 j 10:04	13°♌08'21	1°22'07
	-6131 Sep 28 j 13:45	15°♌	
morning rise	-6131 Oct 02 j 20:34	15°♌58'26	
	-6131 Dec 13 j 01:23	0°♍	
retrograde	-6130 Feb 04 j 19:44	4°♍11'16	
	-6130 Apr 01 j 12:14	30°℞♌	
opposition	-6130 Apr 07 j 01:39	29°♌17'40	1°41'12
min. Earth dist.	-6130 Apr 07 j 19:23	29°♌12'01	4.21886 AU
direct	-6130 Jun 07 j 07:50	24°♌22'30	
	-6130 Aug 08 j 22:08	0°♍	
evening set	-6130 Oct 09 j 20:48	12°♍46'33	
conjunction	-6130 Oct 22 j 10:59	15°♍42'00	0°49'39
minimum elong	-6130 Oct 22 j 11:02	15°♍42'02	0°49'46
max. Earth dist.	-6130 Oct 21 j 19:27	15°♍32'58	6.17061 AU
morning rise	-6130 Nov 04 j 02:34	18°♍38'20	
	-6130 Dec 27 j 10:10	0°♎	
retrograde	-6129 Mar 12 j 07:40	7°♎41'37	
opposition	-6129 May 12 j 11:18	2°♎44'33	0°38'18
min. Earth dist.	-6129 May 12 j 14:06	2°♎43'38	4.12452 AU
	-6129 Jun 04 j 00:44	30°℞♍	
direct	-6129 Jul 11 j 10:42	27°♍51'18	
	-6129 Aug 17 j 07:00	0°♎	
evening set	-6129 Nov 12 j 04:25	16°♎34'11	
conjunction	-6129 Nov 25 j 01:39	19°♎36'23	0°00'01
minimum elong	-6129 Nov 25 j 01:38	19°♎36'22	0°00'05
behind sun begin	-6129 Nov 24 j 17:55	19°♎31'50	
behind sun end	-6129 Nov 25 j 09:20	19°♎40'54	
max. Earth dist.	-6129 Nov 25 j 09:43	19°♎41'07	6.08520 AU
desc. node	-6129 Nov 25 j 05:59	19°♎38'54	
morning rise	-6129 Dec 08 j 01:30	22°♎40'09	
	-6128 Jan 09 j 11:31	0°♏	
retrograde	-6128 Apr 16 j 22:20	12°♏28'17	
opposition	-6128 Jun 16 j 16:48	7°♏27'16	-0°40'30
min. Earth dist.	-6128 Jun 16 j 03:18	7°♏31'43	4.05563 AU
direct	-6128 Aug 14 j 11:06	2°♏34'14	
	-6128 Nov 17 j 12:12	15°♏	
evening set	-6128 Dec 16 j 06:28	21°♏34'55	
conjunction	-6128 Dec 29 j 11:19	24°♏42'29	-0°50'44
minimum elong	-6128 Dec 29 j 11:14	24°♏42'27	0°51'02
max. Earth dist.	-6128 Dec 30 j 16:04	24°♏59'32	6.03860 AU
morning rise	-6127 Jan 11 j 19:44	27°♏51'56	
	-6127 Jan 20 j 23:00	0°♐	
retrograde	-6127 May 23 j 17:53	18°♐01'26	
opposition	-6127 Jul 22 j 23:00	12°♐57'13	-1°45'52
min. Earth dist.	-6127 Jul 21 j 21:57	13°♐05'40	4.03737 AU
direct	-6127 Sep 19 j 01:49	8°♐02'15	
evening set	-6126 Jan 21 j 18:29	27°♐12'18	
	-6126 Feb 02 j 16:27	0°♑	
conjunction	-6126 Feb 04 j 06:25	0°♑22'19	-1°23'10
minimum elong	-6126 Feb 04 j 06:22	0°♑22'17	1°23'33
max. Earth dist.	-6126 Feb 06 j 00:44	0°♑47'11	6.04898 AU
morning rise	-6126 Feb 17 j 21:03	3°♑33'41	
retrograde	-6126 Jun 28 j 18:48	23°♑29'14	
min. Earth dist.	-6126 Aug 26 j 07:25	18°♑32'56	4.07648 AU
opposition	-6126 Aug 27 j 09:21	18°♑24'04	-2°11'27
direct	-6126 Oct 24 j 15:37	13°♑25'49	
	-6125 Feb 16 j 14:50	0°♒	
evening set	-6125 Feb 27 j 16:50	2°♒31'19	
conjunction	-6125 Mar 13 j 09:33	5°♒40'34	-1°24'44
minimum elong	-6125 Mar 13 j 09:36	5°♒40'35	1°25'04
max. Earth dist.	-6125 Mar 14 j 23:07	6°♒02'13	6.11232 AU

Attention, astronomical year style is used: The year -6125 in astronomical counting style is the year 6126 BCE in historical counting style.

morning rise	-6125 Mar 27 j 03:40	8°♒50'18	
	-6125 Apr 23 j 20:42	15°♒	
retrograde	-6125 Aug 02 j 03:11	28°♒01'45	
opposition	-6125 Sep 30 j 11:15	22°♒58'12	-1°49'23
min. Earth dist.	-6125 Sep 29 j 15:54	23°♒04'48	4.15740 AU
direct	-6125 Nov 28 j 13:02	17°♒56'42	
	-6124 Mar 03 j 19:15	0°♓	
evening set	-6124 Apr 03 j 21:29	6°♓45'30	
conjunction	-6124 Apr 17 j 15:30	9°♓51'23	-0°56'37
minimum elong	-6124 Apr 17 j 15:34	9°♓51'26	0°56'47
max. Earth dist.	-6124 Apr 18 j 11:35	10°♓02'44	6.20474 AU
morning rise	-6124 May 01 j 08:40	12°♓56'41	
	-6124 Aug 06 j 07:29	0°♈	
retrograde	-6124 Sep 02 j 23:04	1°♈13'55	
	-6124 Sep 30 j 08:38	30°℞♓	
opposition	-6124 Nov 01 j 05:38	26°♓13'48	-0°51'52
min. Earth dist.	-6124 Nov 01 j 00:12	26°♓15'38	4.25154 AU
direct	-6124 Dec 31 j 14:12	21°♓10'16	
	-6123 Mar 23 j 04:37	0°♈	
evening set	-6123 May 08 j 15:52	9°♈38'02	
conjunction	-6123 May 22 j 05:58	12°♈38'40	-0°10'54
minimum elong	-6123 May 22 j 05:59	12°♈38'40	0°10'50
behind sun begin	-6123 May 21 j 23:46	12°♈35'14	
behind sun end	-6123 May 22 j 12:11	12°♈42'06	
max. Earth dist.	-6123 May 22 j 03:17	12°♈37'11	6.29416 AU
morning rise	-6123 Jun 04 j 17:23	15°♈37'50	
asc. node	-6123 Aug 18 j 04:53	29°♈45'46	
	-6123 Aug 19 j 23:39	0°♉	
retrograde	-6123 Oct 04 j 12:15	3°♉10'47	
	-6123 Nov 19 j 11:48	30°℞♈	
opposition	-6123 Dec 03 j 02:24	28°♈14'33	0°19'24
min. Earth dist.	-6123 Dec 03 j 10:41	28°♈11'49	4.32882 AU
direct	-6122 Feb 02 j 14:57	23°♈10'36	
	-6122 Apr 15 j 03:21	0°♉	
evening set	-6122 Jun 10 j 21:33	11°♉21'16	
max. Earth dist.	-6122 Jun 23 j 04:10	14°♉03'18	6.35357 AU
conjunction	-6122 Jun 24 j 03:07	14°♉15'57	0°37'04
minimum elong	-6122 Jun 24 j 03:04	14°♉15'56	0°37'18
	-6122 Jun 27 j 10:55	15°♉	
morning rise	-6122 Jul 07 j 05:13	17°♉08'54	
	-6122 Sep 11 j 17:14	0°♊	
retrograde	-6122 Nov 04 j 16:32	4°♊18'52	
	-6122 Dec 30 j 07:17	30°℞♉	
opposition	-6121 Jan 03 j 17:13	29°♉25'48	1°23'14
min. Earth dist.	-6121 Jan 04 j 14:05	29°♉19'03	4.36724 AU
direct	-6121 Mar 07 j 02:21	24°♉23'03	
	-6121 May 10 j 15:35	0°♊	
evening set	-6121 Jul 12 j 21:09	12°♊24'32	
max. Earth dist.	-6121 Jul 24 j 05:08	14°♊54'40	6.36700 AU
conjunction	-6121 Jul 25 j 17:02	15°♊14'33	1°13'36
minimum elong	-6121 Jul 25 j 16:58	15°♊14'31	1°13'58
morning rise	-6121 Aug 07 j 09:50	18°♊03'04	
	-6121 Oct 06 j 20:02	0°♋	
retrograde	-6121 Dec 06 j 03:43	5°♋14'37	
opposition	-6120 Feb 04 j 17:40	0°♋23'02	2°03'07
min. Earth dist.	-6120 Feb 05 j 20:28	0°♋14'28	4.35637 AU
	-6120 Feb 07 j 17:49	30°℞♊	
direct	-6120 Apr 07 j 07:38	25°♊22'30	
	-6120 Jun 04 j 05:24	0°♋	
evening set	-6120 Aug 12 j 03:28	13°♋23'55	
max. Earth dist.	-6120 Aug 23 j 03:28	15°♋51'31	6.33141 AU
conjunction	-6120 Aug 24 j 16:27	16°♋12'16	1°29'08
minimum elong	-6120 Aug 24 j 16:26	16°♋12'16	1°29'31
morning rise	-6120 Sep 06 j 03:20	18°♋59'45	
	-6120 Oct 29 j 23:06	0°♌	
retrograde	-6119 Jan 06 j 15:55	6°♌35'36	
opposition	-6119 Mar 08 j 16:54	1°♌43'44	2°08'03
min. Earth dist.	-6119 Mar 09 j 18:32	1°♌35'37	4.29866 AU
	-6119 Mar 22 j 14:46	30°℞♋	
direct	-6119 May 09 j 20:20	26°♋46'06	
	-6119 Jun 26 j 03:06	0°♌	
evening set	-6119 Sep 12 j 09:30	14°♌55'49	
	-6119 Sep 12 j 16:53	15°♌	
conjunction	-6119 Sep 24 j 20:36	17°♌46'24	1°18'41
minimum elong	-6119 Sep 24 j 20:39	17°♌46'25	1°18'58
max. Earth dist.	-6119 Sep 23 j 14:18	17°♌29'04	6.25585 AU
morning rise	-6119 Oct 07 j 07:37	20°♌37'02	
	-6119 Nov 20 j 04:34	0°♍	
retrograde	-6118 Feb 09 j 16:51	8°♍55'07	
opposition	-6118 Apr 11 j 22:52	4°♍01'01	1°34'07
min. Earth dist.	-6118 Apr 12 j 14:48	3°♍55'56	4.20956 AU
	-6118 May 18 j 22:59	30°℞♌	
direct	-6118 Jun 12 j 01:47	29°♌06'07	
	-6118 Jul 06 j 01:55	0°♍	
evening set	-6118 Oct 14 j 09:51	17°♍31'03	
conjunction	-6118 Oct 27 j 00:54	20°♍27'13	0°43'28
minimum elong	-6118 Oct 27 j 00:58	20°♍27'15	0°43'35
max. Earth dist.	-6118 Oct 26 j 13:12	20°♍20'24	6.16172 AU
morning rise	-6118 Nov 08 j 17:19	23°♍24'20	
	-6118 Dec 08 j 03:04	0°♎	
retrograde	-6117 Mar 17 j 07:15	12°♎32'48	
opposition	-6117 May 17 j 10:33	7°♎35'11	0°27'44
min. Earth dist.	-6117 May 17 j 11:24	7°♎34'55	4.11668 AU
direct	-6117 Jul 16 j 05:54	2°♎42'04	
desc. node	-6117 Oct 05 j 11:11	12°♎01'51	
evening set	-6117 Nov 16 j 21:52	21°♎26'14	
conjunction	-6117 Nov 29 j 19:54	24°♎29'06	-0°07'24
minimum elong	-6117 Nov 29 j 19:54	24°♎29'06	0°07'32
behind sun begin	-6117 Nov 29 j 12:31	24°♎24'45	
behind sun end	-6117 Nov 30 j 03:18	24°♎33'27	
max. Earth dist.	-6117 Nov 30 j 05:23	24°♎34'41	6.07895 AU
morning rise	-6117 Dec 12 j 21:04	27°♎33'41	
	-6117 Dec 23 j 08:34	0°♏	
	-6116 Mar 12 j 23:13	15°♏	
retrograde	-6116 Apr 21 j 22:35	17°♏25'27	
	-6116 May 31 j 23:34	15°℞♏	
opposition	-6116 Jun 21 j 16:23	12°♏23'52	-0°50'57
min. Earth dist.	-6116 Jun 21 j 00:55	12°♏29'00	4.05160 AU
direct	-6116 Aug 19 j 08:00	7°♏30'37	
	-6116 Oct 29 j 04:42	15°♏	
evening set	-6116 Dec 21 j 04:29	26°♏32'43	
conjunction	-6115 Jan 03 j 10:30	29°♏40'48	-0°56'39
minimum elong	-6115 Jan 03 j 10:25	29°♏40'45	0°56'58
	-6115 Jan 04 j 18:54	0°♐	
max. Earth dist.	-6115 Jan 04 j 18:22	29°♏59'41	6.03710 AU
morning rise	-6115 Jan 16 j 19:45	2°♐50'40	
retrograde	-6115 May 28 j 19:15	23°♐00'28	
opposition	-6115 Jul 27 j 20:57	17°♐56'01	-1°52'07
min. Earth dist.	-6115 Jul 26 j 20:22	18°♐04'20	4.03877 AU
direct	-6115 Sep 23 j 23:26	13°♐00'38	
	-6114 Jan 17 j 09:15	0°♑	
evening set	-6114 Jan 26 j 20:01	2°♑11'25	
conjunction	-6114 Feb 09 j 08:39	5°♑21'35	-1°25'18
minimum elong	-6114 Feb 09 j 08:37	5°♑21'33	1°25'41

Attention, astronomical year style is used: The year -6114 in astronomical counting style is the year 6115 BCE in historical counting style.

max. Earth dist.	-6114 Feb 11 j 01:52	5°♑45'45	6.05294 AU
morning rise	-6114 Feb 23 j 00:08	8°♑33'04	
retrograde	-6114 Jul 03 j 13:54	28°♑24'58	
min. Earth dist.	-6114 Aug 31 j 01:49	23°♑28'48	4.08282 AU
opposition	-6114 Sep 01 j 03:51	23°♑19'54	-2°11'07
direct	-6114 Oct 29 j 10:47	18°♑21'10	
	-6113 Jan 30 j 02:53	0°♒	
evening set	-6113 Mar 04 j 18:26	7°♒26'15	
conjunction	-6113 Mar 18 j 11:43	10°♒35'22	-1°22'23
minimum elong	-6113 Mar 18 j 11:47	10°♒35'24	1°22'42
max. Earth dist.	-6113 Mar 19 j 23:20	10°♒55'52	6.12069 AU
morning rise	-6113 Apr 01 j 06:01	13°♒44'50	
	-6113 Apr 06 j 18:21	15°♒	
	-6113 Jun 25 j 04:30	0°♓	
retrograde	-6113 Aug 06 j 20:30	2°♓50'19	
	-6113 Sep 18 j 06:36	30°℞♒	
min. Earth dist.	-6113 Oct 04 j 09:43	27°♒52'57	4.16679 AU
opposition	-6113 Oct 05 j 02:36	27°♒47'11	-1°43'02
direct	-6113 Dec 03 j 08:57	22°♒45'20	
	-6112 Feb 12 j 23:28	0°♓	
evening set	-6112 Apr 08 j 20:14	11°♓32'32	
conjunction	-6112 Apr 22 j 14:10	14°♓38'00	-0°50'54
minimum elong	-6112 Apr 22 j 14:15	14°♓38'02	0°51'02
max. Earth dist.	-6112 Apr 23 j 08:14	14°♓48'10	6.21466 AU
morning rise	-6112 May 06 j 06:54	17°♓42'41	
	-6112 Jul 05 j 23:16	0°♈	
retrograde	-6112 Sep 07 j 10:24	5°♈53'57	
opposition	-6112 Nov 05 j 18:10	0°♈54'23	-0°42'08
min. Earth dist.	-6112 Nov 05 j 13:32	0°♈55'56	4.26116 AU
	-6112 Nov 12 j 12:59	30°℞♓	
direct	-6111 Jan 05 j 05:40	25°♓50'43	
	-6111 Feb 27 j 23:00	0°♈	
evening set	-6111 May 13 j 10:34	14°♈16'35	
conjunction	-6111 May 26 j 23:38	17°♈16'26	-0°03'56
minimum elong	-6111 May 26 j 23:38	17°♈16'27	0°03'52
behind sun begin	-6111 May 26 j 15:29	17°♈11'57	
behind sun end	-6111 May 27 j 07:47	17°♈20'57	
max. Earth dist.	-6111 May 26 j 17:51	17°♈13'16	6.30293 AU
morning rise	-6111 Jun 09 j 10:00	20°♈14'49	
asc. node	-6111 Jun 27 j 09:51	24°♈08'52	
	-6111 Jul 26 j 18:40	0°♉	
retrograde	-6111 Oct 08 j 23:23	7°♉43'34	
opposition	-6111 Dec 07 j 13:43	2°♉47'50	0°29'20
min. Earth dist.	-6111 Dec 08 j 00:22	2°♉44'19	4.33601 AU
	-6111 Dec 30 j 03:13	30°℞♈	
direct	-6110 Feb 07 j 06:42	27°♈43'58	
	-6110 Mar 18 j 17:50	0°♉	
	-6110 Jun 11 j 10:37	15°♉	
evening set	-6110 Jun 15 j 11:40	15°♉52'55	
conjunction	-6110 Jun 28 j 15:56	18°♉46'51	0°43'11
minimum elong	-6110 Jun 28 j 15:53	18°♉46'49	0°43'28
max. Earth dist.	-6110 Jun 27 j 15:14	18°♉33'14	6.35841 AU
morning rise	-6110 Jul 11 j 16:38	21°♉39'01	
	-6110 Aug 20 j 20:30	0°♊	
retrograde	-6110 Nov 09 j 01:34	8°♊47'33	
opposition	-6109 Jan 08 j 04:46	3°♊54'44	1°30'38
min. Earth dist.	-6109 Jan 09 j 01:58	3°♊47'53	4.36949 AU
	-6109 Feb 12 j 01:56	30°℞♉	
direct	-6109 Mar 11 j 14:45	28°♉52'11	
	-6109 Apr 08 j 09:10	0°♊	
evening set	-6109 Jul 17 j 07:37	16°♊52'46	
max. Earth dist.	-6109 Jul 28 j 14:18	19°♊22'19	6.36617 AU
conjunction	-6109 Jul 30 j 02:15	19°♊42'16	1°17'14
minimum elong	-6109 Jul 30 j 02:11	19°♊42'14	1°17'35
morning rise	-6109 Aug 11 j 17:52	22°♊30'20	
	-6109 Sep 16 j 06:39	0°♋	
retrograde	-6109 Dec 10 j 15:54	9°♋43'29	
opposition	-6108 Feb 09 j 07:19	4°♋52'01	2°06'04
min. Earth dist.	-6108 Feb 10 j 10:52	4°♋43'15	4.35230 AU
	-6108 Apr 02 j 09:41	30°℞♊	
direct	-6108 Apr 11 j 21:21	29°♊51'53	
	-6108 Apr 21 j 08:52	0°♋	
evening set	-6108 Aug 16 j 12:25	17°♋53'29	
max. Earth dist.	-6108 Aug 27 j 10:43	20°♋20'30	6.32411 AU
conjunction	-6108 Aug 29 j 00:42	20°♋41'51	1°29'16
minimum elong	-6108 Aug 29 j 00:42	20°♋41'51	1°29'38
morning rise	-6108 Sep 10 j 11:20	23°♋29'30	
	-6108 Oct 10 j 14:12	0°♌	
retrograde	-6107 Jan 11 j 07:57	11°♌09'55	
opposition	-6107 Mar 13 j 09:52	6°♌17'50	2°05'36
min. Earth dist.	-6107 Mar 14 j 10:28	6°♌10'01	4.28846 AU
direct	-6107 May 14 j 10:12	1°♌20'34	
	-6107 Aug 27 j 11:11	15°♌	
evening set	-6107 Sep 16 j 19:29	19°♌31'53	
max. Earth dist.	-6107 Sep 28 j 03:37	22°♌07'24	6.24370 AU
conjunction	-6107 Sep 29 j 06:59	22°♌23'05	1°15'07
minimum elong	-6107 Sep 29 j 07:02	22°♌23'07	1°15'22
morning rise	-6107 Oct 11 j 18:17	25°♌14'25	
	-6107 Nov 02 j 01:58	0°♍	
retrograde	-6106 Feb 14 j 14:19	13°♍39'10	
opposition	-6106 Apr 16 j 20:09	8°♍44'44	1°26'27
min. Earth dist.	-6106 Apr 17 j 10:51	8°♍40'02	4.19608 AU
direct	-6106 Jun 16 j 18:56	3°♍50'11	
evening set	-6106 Oct 18 j 23:55	22°♍17'48	
conjunction	-6106 Oct 31 j 15:40	25°♍14'54	0°36'58
minimum elong	-6106 Oct 31 j 15:43	25°♍14'56	0°37'02
max. Earth dist.	-6106 Oct 31 j 05:12	25°♍08'47	6.14812 AU
morning rise	-6106 Nov 13 j 09:21	28°♍13'09	
	-6106 Nov 21 j 02:29	0°♎	
retrograde	-6105 Mar 22 j 08:26	17°♎28'54	
opposition	-6105 May 22 j 11:33	12°♎30'43	0°16'48
min. Earth dist.	-6105 May 22 j 09:37	12°♎31'21	4.10392 AU
direct	-6105 Jul 21 j 02:18	7°♎37'41	
desc. node	-6105 Aug 15 j 00:44	8°♎38'18	
evening set	-6105 Nov 21 j 18:04	26°♎25'14	
conjunction	-6105 Dec 04 j 17:25	29°♎29'06	-0°14'51
minimum elong	-6105 Dec 04 j 17:23	29°♎29'05	0°15'00
behind sun begin	-6105 Dec 04 j 14:16	29°♎27'15	
behind sun end	-6105 Dec 04 j 20:30	29°♎30'55	
max. Earth dist.	-6105 Dec 05 j 07:14	29°♎37'16	6.06833 AU
	-6105 Dec 06 j 21:37	0°♏	
morning rise	-6105 Dec 17 j 19:38	2°♏34'39	
	-6104 Feb 13 j 14:47	15°♏	
retrograde	-6104 Apr 27 j 04:57	22°♏31'38	
opposition	-6104 Jun 26 j 19:10	17°♏29'37	-1°01'20
min. Earth dist.	-6104 Jun 26 j 02:46	17°♏35'04	4.04426 AU
	-6104 Jul 16 j 12:41	15°℞♏	
direct	-6104 Aug 24 j 08:21	12°♏36'13	
	-6104 Oct 01 j 15:18	15°♏	
	-6104 Dec 19 j 02:37	0°♐	
evening set	-6104 Dec 26 j 07:16	1°♐41'11	
conjunction	-6103 Jan 08 j 14:11	4°♐49'51	-1°02'19
minimum elong	-6103 Jan 08 j 14:07	4°♐49'48	1°02'40
max. Earth dist.	-6103 Jan 09 j 23:10	5°♐09'23	6.03354 AU

Attention, astronomical year style is used: The year -6103 in astronomical counting style is the year 6104 BCE in historical counting style.

morning rise	-6103 Jan 22 j 00:39	8°♐00'21		
retrograde	-6103 Jun 02 j 21:55	28°♐10'43		
opposition	-6103 Aug 01 j 22:32	23°♐06'04	-1°57'44	
min. Earth dist.	-6103 Jul 31 j 20:08	23°♐15'01	4.03981 AU	
direct	-6103 Sep 28 j 23:06	18°♐10'20		
	-6103 Dec 30 j 09:11	0°♑		
evening set	-6102 Feb 01 j 02:10	7°♑22'00		
conjunction	-6102 Feb 14 j 15:41	10°♑32'16	-1°26'53	
minimum elong	-6102 Feb 14 j 15:40	10°♑32'15	1°27'16	
max. Earth dist.	-6102 Feb 16 j 09:41	10°♑56'52	6.05857 AU	
morning rise	-6102 Feb 28 j 07:44	13°♑43'44		
	-6102 May 21 j 16:22	0°♒		
retrograde	-6102 Jul 08 j 14:15	3°♒30'54		
	-6102 Aug 25 j 10:21	30°℞♑		
min. Earth dist.	-6102 Sep 05 j 01:10	28°♑34'30	4.09266 AU	
opposition	-6102 Sep 06 j 02:06	28°♑25'59	-2°09'49	
direct	-6102 Nov 03 j 12:19	23°♑26'50		
	-6101 Jan 09 j 01:30	0°♒		
evening set	-6101 Mar 09 j 23:22	12°♒29'46		
	-6101 Mar 20 j 21:56	15°♒		
conjunction	-6101 Mar 23 j 17:03	15°♒38'29	-1°19'25	
minimum elong	-6101 Mar 23 j 17:07	15°♒38'31	1°19'42	
max. Earth dist.	-6101 Mar 25 j 04:34	15°♒58'50	6.13428 AU	
morning rise	-6101 Apr 06 j 11:21	18°♒47'20		
	-6101 May 29 j 16:16	0°♓		
retrograde	-6101 Aug 11 j 12:59	7°♓44'21		
opposition	-6101 Oct 09 j 19:33	2°♓41'39	-1°35'53	
min. Earth dist.	-6101 Oct 09 j 02:51	2°♓47'20	4.18295 AU	
	-6101 Oct 30 j 18:48	30°℞♒		
direct	-6101 Dec 08 j 05:18	27°♒39'29		
	-6100 Jan 16 j 02:54	0°♓		
evening set	-6100 Apr 13 j 20:03	16°♓22'22		
conjunction	-6100 Apr 27 j 13:24	19°♓26'52	-0°44'51	
minimum elong	-6100 Apr 27 j 13:28	19°♓26'54	0°44'57	
max. Earth dist.	-6100 Apr 28 j 03:47	19°♓34'57	6.23230 AU	
morning rise	-6100 May 11 j 05:30	22°♓30'31		
	-6100 Jun 15 j 06:01	0°♈		
retrograde	-6100 Sep 11 j 22:03	10°♈33'03		
opposition	-6100 Nov 10 j 06:16	5°♈33'58	-0°32'15	
min. Earth dist.	-6100 Nov 10 j 04:17	5°♈34'38	4.27858 AU	
direct	-6099 Jan 09 j 23:51	0°♈30'07		
asc. node	-6099 May 07 j 11:19	16°♈31'57		
evening set	-6099 May 18 j 03:00	18°♈51'08		
conjunction	-6099 May 31 j 15:04	21°♈49'53	0°03'02	
minimum elong	-6099 May 31 j 15:04	21°♈49'53	0°03'08	
behind sun begin	-6099 May 31 j 06:52	21°♈45'23		
behind sun end	-6099 May 31 j 23:15	21°♈54'24		
max. Earth dist.	-6099 May 31 j 07:32	21°♈45'45	6.31878 AU	
morning rise	-6099 Jun 13 j 23:59	24°♈47'02		
	-6099 Jul 08 j 07:53	0°♉		
retrograde	-6099 Oct 13 j 04:54	12°♉09'31		
opposition	-6099 Dec 11 j 22:18	7°♉14'13	0°38'43	
min. Earth dist.	-6099 Dec 12 j 09:54	7°♉10'24	4.34915 AU	
direct	-6098 Feb 11 j 17:56	2°♉10'24		
	-6098 May 26 j 04:46	15°♉		
evening set	-6098 Jun 19 j 21:43	20°♉15'38		
max. Earth dist.	-6098 Jul 01 j 20:26	22°♉53'08	6.36762 AU	
conjunction	-6098 Jul 03 j 00:23	23°♉08'33	0°48'49	
minimum elong	-6098 Jul 03 j 00:20	23°♉08'31	0°49'07	
morning rise	-6098 Jul 15 j 23:44	25°♉59'45		
	-6098 Aug 03 j 14:03	0°♊		
retrograde	-6098 Nov 13 j 08:11	13°♊05'52		

opposition	-6097 Jan 12 j 12:29	8°♊13'19	1°37'09	
min. Earth dist.	-6097 Jan 13 j 12:19	8°♊05'39	4.37419 AU	
direct	-6097 Mar 16 j 01:28	3°♊10'58		
evening set	-6097 Jul 21 j 13:23	21°♊09'55		
max. Earth dist.	-6097 Aug 01 j 17:00	23°♊37'53	6.36564 AU	
conjunction	-6097 Aug 03 j 06:56	23°♊58'56	1°20'15	
minimum elong	-6097 Aug 03 j 06:53	23°♊58'55	1°20'37	
morning rise	-6097 Aug 15 j 21:32	26°♊46'36		
	-6097 Aug 30 j 16:36	0°♋		
retrograde	-6097 Dec 14 j 22:55	14°♋01'35		
opposition	-6096 Feb 13 j 16:35	9°♋10'06	2°08'11	
min. Earth dist.	-6096 Feb 14 j 20:17	9°♋01'16	4.34676 AU	
direct	-6096 Apr 16 j 04:49	4°♋10'14		
evening set	-6096 Aug 20 j 17:09	22°♋12'47		
max. Earth dist.	-6096 Aug 31 j 15:37	24°♋40'15	6.31385 AU	
conjunction	-6096 Sep 02 j 05:02	25°♋01'21	1°28'53	
minimum elong	-6096 Sep 02 j 05:03	25°♋01'22	1°29'15	
morning rise	-6096 Sep 14 j 15:21	27°♋49'18		
	-6096 Sep 24 j 10:21	0°♌		
	-6096 Dec 27 j 06:56	15°♌		
retrograde	-6095 Jan 15 j 22:00	15°♌35'34		
	-6095 Feb 04 j 12:06	15°℞♌		
opposition	-6095 Mar 17 j 23:43	10°♌43'17	2°02'31	
min. Earth dist.	-6095 Mar 19 j 00:55	10°♌35'18	4.27398 AU	
direct	-6095 May 18 j 21:42	5°♌46'22		
	-6095 Aug 10 j 04:30	15°♌		
evening set	-6095 Sep 21 j 02:50	24°♌00'55		
max. Earth dist.	-6095 Oct 02 j 11:12	26°♌37'12	6.22618 AU	
conjunction	-6095 Oct 03 j 14:37	26°♌52'59	1°11'11	
minimum elong	-6095 Oct 03 j 14:41	26°♌53'01	1°11'26	
morning rise	-6095 Oct 16 j 02:45	29°♌45'23		
	-6095 Oct 17 j 04:20	0°♍		
retrograde	-6094 Feb 19 j 09:52	18°♍18'57		
opposition	-6094 Apr 21 j 15:47	13°♍24'01	1°18'24	
min. Earth dist.	-6094 Apr 22 j 04:10	13°♍20'04	4.17673 AU	
direct	-6094 Jun 21 j 09:00	8°♍29'45		
evening set	-6094 Oct 23 j 13:29	27°♍02'23		
conjunction	-6094 Nov 05 j 06:24	0°♎00'47	0°30'18	
minimum elong	-6094 Nov 05 j 06:26	0°♎00'48	0°30'20	
max. Earth dist.	-6094 Nov 05 j 00:02	29°♍57'03	6.12887 AU	
	-6094 Nov 05 j 05:04	0°♎		
morning rise	-6094 Nov 18 j 01:09	3°♎00'22		
retrograde	-6093 Mar 27 j 13:08	22°♎25'25		
opposition	-6093 May 27 j 12:50	17°♎26'44	0°05'47	
min. Earth dist.	-6093 May 27 j 09:31	17°♎27'50	4.08642 AU	
desc. node	-6093 Jun 25 j 08:57	14°♎03'15		
direct	-6093 Jul 25 j 23:29	12°♎33'48		
	-6093 Nov 20 j 12:23	0°♏		
evening set	-6093 Nov 26 j 15:56	1°♏26'35		
conjunction	-6093 Dec 09 j 16:23	4°♏31'35	-0°22'13	
minimum elong	-6093 Dec 09 j 16:21	4°♏31'34	0°22'24	
max. Earth dist.	-6093 Dec 10 j 08:50	4°♏41'20	6.05414 AU	
morning rise	-6093 Dec 22 j 20:08	7°♏38'24		
	-6092 Jan 24 j 05:40	15°♏		
retrograde	-6092 May 02 j 10:49	27°♏41'33		
opposition	-6092 Jul 01 j 23:20	22°♏39'02	-1°11'19	
min. Earth dist.	-6092 Jul 01 j 03:38	22°♏45'36	4.03512 AU	
direct	-6092 Aug 29 j 07:49	17°♏45'26		
	-6092 Dec 01 j 07:32	0°♐		
evening set	-6092 Dec 31 j 12:09	6°♐53'47		
conjunction	-6091 Jan 13 j 20:14	10°♐03'05	-1°07'33	

Attention, astronomical year style is used: The year -6091 in astronomical counting style is the year 6092 BCE in historical counting style.

minimum elong	-6091 Jan	13 j 20:10	10°♐03'02	1°07'53
max. Earth dist.	-6091 Jan	15 j 08:42	10°♐24'41	6.03006 AU
morning rise	-6091 Jan	27 j 07:38	13°♐14'06	
	-6091 Apr	21 j 19:07	0°♑	
retrograde	-6091 Jun	08 j 03:28	3°♑24'29	
	-6091 Jul	25 j 11:59	30°℞♐	
min. Earth dist.	-6091 Aug	05 j 22:55	28°♐28'38	4.04233 AU
opposition	-6091 Aug	07 j 01:40	28°♐19'32	-2°02'26
direct	-6091 Oct	04 j 03:04	23°♐23'19	
	-6091 Dec	09 j 05:31	0°♑	
evening set	-6090 Feb	06 j 09:52	12°♑34'56	
conjunction	-6090 Feb	20 j 00:12	15°♑45'10	-1°27'46
minimum elong	-6090 Feb	20 j 00:12	15°♑45'10	1°28'09
max. Earth dist.	-6090 Feb	21 j 19:51	16°♑10'39	6.06651 AU
morning rise	-6090 Mar	05 j 16:47	18°♑56'28	
	-6090 Apr	25 j 22:47	0°♒	
retrograde	-6090 Jul	13 j 13:36	8°♒37'19	
min. Earth dist.	-6090 Sep	09 j 23:15	3°♒41'08	4.10492 AU
opposition	-6090 Sep	11 j 00:24	3°♒32'33	-2°07'29
	-6090 Oct	10 j 00:14	30°℞♑	
direct	-6090 Nov	08 j 12:44	28°♑32'54	
	-6090 Dec	08 j 08:18	0°♒	
	-6089 Mar	03 j 21:14	15°♒	
evening set	-6089 Mar	15 j 04:35	17°♒32'51	
conjunction	-6089 Mar	28 j 22:22	20°♒40'59	-1°15'50
minimum elong	-6089 Mar	28 j 22:26	20°♒41'01	1°16'07
max. Earth dist.	-6089 Mar	30 j 06:29	20°♒59'20	6.14939 AU
morning rise	-6089 Apr	11 j 16:44	23°♒49'09	
	-6089 May	09 j 18:23	0°♓	
retrograde	-6089 Aug	16 j 05:59	12°♓37'28	
opposition	-6089 Oct	14 j 12:30	7°♓35'10	-1°28'04
min. Earth dist.	-6089 Oct	13 j 22:05	7°♓40'05	4.19896 AU
direct	-6089 Dec	13 j 03:31	2°♓32'39	
evening set	-6088 Apr	18 j 19:15	21°♓11'29	
conjunction	-6088 May	02 j 12:17	24°♓15'10	-0°38'29
minimum elong	-6088 May	02 j 12:21	24°♓15'12	0°38'33
max. Earth dist.	-6088 May	03 j 00:53	24°♓22'13	6.24802 AU
morning rise	-6088 May	16 j 03:28	27°♓17'50	
	-6088 May	28 j 10:31	0°♈	
retrograde	-6088 Sep	16 j 09:21	15°♈12'53	
opposition	-6088 Nov	14 j 18:55	10°♈14'23	-0°22'06
min. Earth dist.	-6088 Nov	14 j 18:21	10°♈14'35	4.29254 AU
direct	-6087 Jan	14 j 15:37	5°♈10'31	
asc. node	-6087 Mar	16 j 07:51	10°♈18'52	
evening set	-6087 May	22 j 20:23	23°♈28'13	
conjunction	-6087 Jun	05 j 07:07	26°♈26'01	0°09'57
minimum elong	-6087 Jun	05 j 07:05	26°♈26'00	0°10'05
behind sun begin	-6087 Jun	05 j 00:33	26°♈22'24	
behind sun end	-6087 Jun	05 j 13:38	26°♈29'35	
max. Earth dist.	-6087 Jun	04 j 18:45	26°♈19'12	6.32986 AU
morning rise	-6087 Jun	18 j 14:53	29°♈22'12	
	-6087 Jun	21 j 11:56	0°♉	
	-6087 Sep	14 j 22:54	15°♉	
retrograde	-6087 Oct	17 j 15:14	16°♉40'32	
	-6087 Nov	19 j 06:45	15°℞♉	
opposition	-6087 Dec	16 j 09:12	11°♉45'42	0°48'08
min. Earth dist.	-6087 Dec	16 j 23:43	11°♉40'57	4.35669 AU
direct	-6086 Feb	16 j 08:49	6°♉42'01	
	-6086 May	07 j 13:34	15°♉	
evening set	-6086 Jun	24 j 10:10	24°♉45'34	
max. Earth dist.	-6086 Jul	06 j 06:22	27°♉21'39	6.37097 AU
conjunction	-6086 Jul	07 j 11:38	27°♉37'47	0°54'22
minimum elong	-6086 Jul	07 j 11:35	27°♉37'45	0°54'40
	-6086 Jul	18 j 05:55	0°♊	
morning rise	-6086 Jul	20 j 09:29	0°♊28'17	
retrograde	-6086 Nov	17 j 17:07	17°♊34'07	
opposition	-6085 Jan	17 j 00:10	12°♊41'52	1°43'28
min. Earth dist.	-6085 Jan	18 j 00:20	12°♊34'05	4.37342 AU
direct	-6085 Mar	20 j 12:38	7°♊39'51	
evening set	-6085 Jul	25 j 23:17	25°♊38'52	
max. Earth dist.	-6085 Aug	06 j 00:27	28°♊05'48	6.36065 AU
conjunction	-6085 Aug	07 j 15:40	28°♊27'37	1°22'59
minimum elong	-6085 Aug	07 j 15:37	28°♊27'35	1°23'22
	-6085 Aug	14 j 13:51	0°♋	
morning rise	-6085 Aug	20 j 05:26	1°♋15'07	
retrograde	-6085 Dec	19 j 13:57	18°♋33'34	
opposition	-6084 Feb	18 j 07:49	13°♋42'08	2°09'44
min. Earth dist.	-6084 Feb	19 j 12:44	13°♋32'56	4.33788 AU
direct	-6084 Apr	20 j 19:56	8°♋42'40	
evening set	-6084 Aug	25 j 03:05	26°♋46'53	
max. Earth dist.	-6084 Sep	05 j 01:36	29°♋14'50	6.30180 AU
conjunction	-6084 Sep	06 j 14:41	29°♋35'48	1°27'58
minimum elong	-6084 Sep	06 j 14:42	29°♋35'49	1°28'18
	-6084 Sep	08 j 09:29	0°♌	
morning rise	-6084 Sep	19 j 00:56	2°♌24'12	
	-6084 Nov	20 j 19:03	15°♌	
retrograde	-6083 Jan	20 j 15:55	20°♌16'53	
opposition	-6083 Mar	22 j 19:39	15°♌24'20	1°58'30
min. Earth dist.	-6083 Mar	23 j 18:40	15°♌17'01	4.25967 AU
	-6083 Mar	26 j 00:18	15°℞♌	
direct	-6083 May	23 j 13:05	10°♌27'52	
	-6083 Jul	18 j 18:29	15°♌	
evening set	-6083 Sep	25 j 15:49	28°♌45'16	
	-6083 Oct	01 j 01:59	0°♍	
max. Earth dist.	-6083 Oct	07 j 04:04	1°♍24'17	6.21113 AU
conjunction	-6083 Oct	08 j 04:07	1°♍38'10	1°06'36
minimum elong	-6083 Oct	08 j 04:11	1°♍38'12	1°06'49
morning rise	-6083 Oct	20 j 16:51	4°♍31'30	
retrograde	-6082 Feb	24 j 12:26	23°♍12'50	
opposition	-6082 Apr	26 j 17:03	18°♍17'30	1°09'22
min. Earth dist.	-6082 Apr	27 j 04:01	18°♍13'59	4.16204 AU
direct	-6082 Jun	26 j 07:01	13°♍23'32	
	-6082 Oct	19 j 18:02	0°♎	
evening set	-6082 Oct	28 j 07:38	1°♎59'11	
conjunction	-6082 Nov	10 j 01:28	4°♎58'34	0°23'09
minimum elong	-6082 Nov	10 j 01:30	4°♎58'35	0°23'08
max. Earth dist.	-6082 Nov	09 j 21:58	4°♎56'31	6.11616 AU
morning rise	-6082 Nov	22 j 21:35	7°♎59'18	
retrograde	-6081 Apr	01 j 17:43	27°♎30'48	
desc. node	-6081 May	04 j 19:59	25°♎50'36	
opposition	-6081 Jun	01 j 17:11	22°♎31'32	-0°05'37
min. Earth dist.	-6081 Jun	01 j 10:05	22°♎33'51	4.07709 AU
direct	-6081 Jul	30 j 22:32	17°♎38'39	
	-6081 Nov	02 j 23:54	0°♏	
evening set	-6081 Dec	01 j 16:05	6°♏33'32	
conjunction	-6081 Dec	14 j 17:38	9°♏39'13	-0°29'33
minimum elong	-6081 Dec	14 j 17:35	9°♏39'11	0°29'47
max. Earth dist.	-6081 Dec	15 j 14:15	9°♏51'27	6.04906 AU
morning rise	-6081 Dec	27 j 22:26	12°♏46'43	
	-6080 Jan	06 j 10:31	15°♏	
	-6080 Mar	25 j 03:55	0°♐	
retrograde	-6080 May	07 j 16:41	2°♐52'08	
	-6080 Jun	20 j 05:42	30°℞♏	
min. Earth dist.	-6080 Jul	06 j 06:26	27°♏56'03	4.03493 AU

Attention, astronomical year style is used: The year -6080 in astronomical counting style is the year 6081 BCE in historical counting style.

opposition	-6080 Jul 07 j 03:16	27°♏49'05	-1°20'45	
direct	-6080 Sep 03 j 10:53	22°♏55'11		
	-6080 Nov 10 j 22:35	0°♐		
evening set	-6079 Jan 05 j 16:23	12°♐03'40		
conjunction	-6079 Jan 19 j 01:24	15°♐13'08	-1°12'12	
minimum elong	-6079 Jan 19 j 01:20	15°♐13'06	1°12'33	
max. Earth dist.	-6079 Jan 20 j 16:31	15°♐36'16	6.03456 AU	
morning rise	-6079 Feb 01 j 13:37	18°♐24'15		
	-6079 Mar 26 j 21:23	0°♑		
retrograde	-6079 Jun 13 j 04:52	8°♑31'08		
min. Earth dist.	-6079 Aug 10 j 22:01	3°♑35'22	4.05129 AU	
opposition	-6079 Aug 12 j 01:30	3°♑26'02	-2°06'01	
	-6079 Sep 09 j 03:02	30°℞♐		
direct	-6079 Oct 09 j 03:04	28°♐29'21		
	-6079 Nov 08 j 06:20	0°♑		
evening set	-6078 Feb 11 j 14:13	17°♑38'52		
conjunction	-6078 Feb 25 j 05:02	20°♑48'47	-1°27'58	
minimum elong	-6078 Feb 25 j 05:03	20°♑48'47	1°28'20	
max. Earth dist.	-6078 Feb 26 j 22:28	21°♑12'53	6.07871 AU	
morning rise	-6078 Mar 10 j 22:08	23°♑59'40		
	-6078 Apr 06 j 15:34	0°♒		
retrograde	-6078 Jul 18 j 08:11	13°♒33'05		
opposition	-6078 Sep 15 j 18:35	8°♒28'28	-2°04'18	
min. Earth dist.	-6078 Sep 14 j 18:56	8°♒36'34	4.11897 AU	
direct	-6078 Nov 13 j 10:43	3°♒28'17		
	-6077 Feb 14 j 06:53	15°♒		
evening set	-6077 Mar 20 j 05:08	22°♒24'53		
conjunction	-6077 Apr 02 j 23:15	25°♒32'28	-1°11'51	
minimum elong	-6077 Apr 02 j 23:19	25°♒32'30	1°12'06	
max. Earth dist.	-6077 Apr 04 j 05:47	25°♒49'51	6.16424 AU	
morning rise	-6077 Apr 16 j 17:17	28°♒39'53		
	-6077 Apr 22 j 15:48	0°♓		
retrograde	-6077 Aug 20 j 19:15	17°♓20'03		
opposition	-6077 Oct 19 j 01:29	12°♓18'16	-1°19'58	
min. Earth dist.	-6077 Oct 18 j 13:05	12°♓22'28	4.21305 AU	
direct	-6077 Dec 17 j 20:03	7°♓15'28		
evening set	-6076 Apr 23 j 14:58	25°♓51'13		
conjunction	-6076 May 07 j 07:19	28°♓54'09	-0°32'04	
minimum elong	-6076 May 07 j 07:21	28°♓54'11	0°32'07	
max. Earth dist.	-6076 May 07 j 14:35	28°♓58'13	6.26025 AU	
	-6076 May 12 j 05:18	0°♈		
morning rise	-6076 May 20 j 21:53	1°♈56'00		
retrograde	-6076 Sep 20 j 18:38	19°♈45'11		
opposition	-6076 Nov 19 j 04:57	14°♈47'13	-0°12'07	
min. Earth dist.	-6076 Nov 19 j 07:10	14°♈46'29	4.30202 AU	
direct	-6075 Jan 19 j 05:57	9°♈43'13		
asc. node	-6075 Jan 24 j 14:27	9°♈45'56		
evening set	-6075 May 27 j 11:13	27°♈59'14		
	-6075 Jun 05 j 14:53	0°♉		
conjunction	-6075 Jun 09 j 20:58	0°♉56'21	0°16'39	
minimum elong	-6075 Jun 09 j 20:57	0°♉56'21	0°16'50	
max. Earth dist.	-6075 Jun 09 j 06:41	0°♉48'28	6.33596 AU	
morning rise	-6075 Jun 23 j 03:21	3°♉51'47		
	-6075 Aug 17 j 16:43	15°♉		
retrograde	-6075 Oct 21 j 23:18	21°♉07'48		
opposition	-6075 Dec 20 j 19:06	16°♉13'27	0°57'07	
min. Earth dist.	-6075 Dec 21 j 10:56	16°♉08'17	4.35924 AU	
	-6075 Dec 30 j 06:26	15°℞♉		
direct	-6074 Feb 20 j 20:17	11°♉09'59		
	-6074 Apr 14 j 06:35	15°♉		
evening set	-6074 Jun 28 j 21:54	29°♉13'24		
	-6074 Jul 02 j 10:55	0°♊		

conjunction	-6074 Jul 11 j 21:54	2°♊05'06	0°59'32	
minimum elong	-6074 Jul 11 j 21:50	2°♊05'03	0°59'50	
max. Earth dist.	-6074 Jul 10 j 13:24	1°♊47'09	6.36959 AU	
morning rise	-6074 Jul 24 j 18:40	4°♊55'10		
retrograde	-6074 Nov 22 j 05:12	22°♊02'24		
opposition	-6073 Jan 21 j 12:36	17°♊10'23	1°49'09	
min. Earth dist.	-6073 Jan 22 j 14:31	17°♊02'03	4.36855 AU	
direct	-6073 Mar 25 j 02:34	12°♊08'41		
	-6073 Jul 29 j 17:30	0°♋		
evening set	-6073 Jul 30 j 09:40	0°♋08'56		
max. Earth dist.	-6073 Aug 10 j 10:59	2°♋36'16	6.35262 AU	
conjunction	-6073 Aug 12 j 01:17	2°♋57'37	1°25'11	
minimum elong	-6073 Aug 12 j 01:15	2°♋57'36	1°25'35	
morning rise	-6073 Aug 24 j 14:09	5°♋45'05		
retrograde	-6073 Dec 24 j 03:44	23°♋07'54		
opposition	-6072 Feb 23 j 00:13	18°♋16'25	2°10'28	
min. Earth dist.	-6072 Feb 24 j 03:43	18°♋07'41	4.32749 AU	
direct	-6072 Apr 25 j 09:30	13°♋17'27		
	-6072 Aug 23 j 08:49	0°♌		
evening set	-6072 Aug 29 j 14:15	1°♌23'35		
max. Earth dist.	-6072 Sep 09 j 13:59	3°♌52'42	6.28988 AU	
conjunction	-6072 Sep 11 j 01:32	4°♌12'53	1°26'28	
minimum elong	-6072 Sep 11 j 01:34	4°♌12'53	1°26'48	
morning rise	-6072 Sep 23 j 11:52	7°♌01'48		
	-6072 Oct 30 j 12:38	15°♌		
retrograde	-6071 Jan 25 j 13:42	25°♌00'46		
opposition	-6071 Mar 27 j 17:10	20°♌07'56	1°53'37	
min. Earth dist.	-6071 Mar 28 j 15:23	20°♌00'52	4.24687 AU	
direct	-6071 May 28 j 08:32	15°♌11'53		
	-6071 Sep 14 j 16:02	0°♍		
evening set	-6071 Sep 30 j 05:28	3°♍31'18		
conjunction	-6071 Oct 12 j 18:20	6°♍24'59	1°01'31	
minimum elong	-6071 Oct 12 j 18:24	6°♍25'01	1°01'42	
max. Earth dist.	-6071 Oct 11 j 21:04	6°♍12'40	6.19864 AU	
morning rise	-6071 Oct 25 j 07:54	9°♍19'13		
retrograde	-6070 Mar 01 j 12:49	28°♍07'12		
opposition	-6070 May 01 j 18:18	23°♍11'21	0°59'48	
min. Earth dist.	-6070 May 02 j 01:52	23°♍08'55	4.15072 AU	
direct	-6070 Jul 01 j 02:57	18°♍17'41		
	-6070 Oct 02 j 09:34	0°♎		
evening set	-6070 Nov 02 j 01:52	6°♎55'16		
conjunction	-6070 Nov 14 j 20:39	9°♎55'28	0°15'50	
minimum elong	-6070 Nov 14 j 20:41	9°♎55'29	0°15'49	
behind sun begin	-6070 Nov 14 j 18:48	9°♎54'23		
behind sun end	-6070 Nov 14 j 22:33	9°♎56'35		
max. Earth dist.	-6070 Nov 14 j 20:48	9°♎55'33	6.10696 AU	
morning rise	-6070 Nov 27 j 17:52	12°♎57'06		
	-6069 Feb 24 j 15:03	0°♏		
desc. node	-6069 Mar 14 j 13:42	1°♏42'55		
retrograde	-6069 Apr 06 j 22:42	2°♏33'46		
	-6069 May 18 j 09:43	30°℞♎		
opposition	-6069 Jun 06 j 20:09	27°♎33'55	-0°16'55	
min. Earth dist.	-6069 Jun 06 j 11:30	27°♎36'46	4.07066 AU	
direct	-6069 Aug 04 j 22:38	22°♎41'01		
	-6069 Oct 14 j 03:30	0°♏		
evening set	-6069 Dec 06 j 15:19	11°♏37'24		
conjunction	-6069 Dec 19 j 17:58	14°♏43'42	-0°36'37	
minimum elong	-6069 Dec 19 j 17:55	14°♏43'40	0°36'51	
	-6069 Dec 20 j 21:28	15°♏		
max. Earth dist.	-6069 Dec 20 j 17:59	14°♏57'56	6.04591 AU	
morning rise	-6068 Jan 01 j 23:53	17°♏51'48		
	-6068 Feb 27 j 00:49	0°♐		

Attention, astronomical year style is used: The year -6068 in astronomical counting style is the year 6069 BCE in historical counting style.

retrograde	-6068 May 12 j 20:09	7°♐58'40		
min. Earth dist.	-6068 Jul 11 j 06:43	3°♐02'46	4.03573 AU	
opposition	-6068 Jul 12 j 05:04	2°♐55'17	-1°29'28	
	-6068 Aug 04 j 15:02	30°℞♏		
direct	-6068 Sep 08 j 10:19	28°♏01'08		
	-6068 Oct 13 j 01:23	0°♐		
evening set	-6067 Jan 10 j 19:19	17°♐09'56		
conjunction	-6067 Jan 24 j 05:06	20°♐19'33	-1°16'16	
minimum elong	-6067 Jan 24 j 05:02	20°♐19'30	1°16'39	
max. Earth dist.	-6067 Jan 25 j 20:07	20°♐42'34	6.03889 AU	
morning rise	-6067 Feb 06 j 18:12	23°♐30'47		
	-6067 Mar 07 j 07:09	0°♑		
retrograde	-6067 Jun 18 j 04:14	13°♑34'33		
opposition	-6067 Aug 16 j 23:34	8°♑29'22	-2°08'42	
min. Earth dist.	-6067 Aug 15 j 20:13	8°♑38'41	4.05881 AU	
direct	-6067 Oct 14 j 02:42	3°♑32'10		
evening set	-6066 Feb 16 j 17:30	22°♑40'29		
conjunction	-6066 Mar 02 j 09:08	25°♑50'16	-1°27'33	
minimum elong	-6066 Mar 02 j 09:09	25°♑50'17	1°27'54	
max. Earth dist.	-6066 Mar 04 j 02:47	26°♑14'26	6.08887 AU	
morning rise	-6066 Mar 16 j 02:27	29°♑00'48		
	-6066 Mar 20 j 09:41	0°♒		
	-6066 Jun 05 j 15:33	15°♒		
retrograde	-6066 Jul 23 j 03:17	18°♒27'38		
	-6066 Sep 08 j 11:47	15°℞♒		
opposition	-6066 Sep 20 j 11:54	13°♒23'20	-2°00'18	
min. Earth dist.	-6066 Sep 19 j 13:59	13°♒30'49	4.13063 AU	
direct	-6066 Nov 18 j 06:54	8°♒22'45		
	-6065 Jan 24 j 19:02	15°♒		
evening set	-6065 Mar 25 j 05:47	27°♒17'02		
	-6065 Apr 06 j 05:22	0°♓		
conjunction	-6065 Apr 07 j 23:52	0°♓24'08	-1°07'24	
minimum elong	-6065 Apr 07 j 23:57	0°♓24'11	1°07'37	
max. Earth dist.	-6065 Apr 09 j 02:19	0°♓39'09	6.17644 AU	
morning rise	-6065 Apr 21 j 17:55	3°♓30'59		
retrograde	-6065 Aug 25 j 07:40	22°♓04'03		
opposition	-6065 Oct 23 j 14:47	17°♓02'44	-1°11'21	
min. Earth dist.	-6065 Oct 23 j 04:11	17°♓06'20	4.22458 AU	
direct	-6065 Dec 22 j 13:05	11°♓59'38		
	-6064 Apr 25 j 23:00	0°♈		
evening set	-6064 Apr 28 j 10:57	0°♈33'06		
conjunction	-6064 May 12 j 02:48	3°♈35'24	-0°25'24	
minimum elong	-6064 May 12 j 02:51	3°♈35'26	0°25'25	
max. Earth dist.	-6064 May 12 j 07:29	3°♈38'01	6.27045 AU	
morning rise	-6064 May 25 j 16:25	6°♈36'28		
retrograde	-6064 Sep 25 j 05:23	24°♈20'33		
opposition	-6064 Nov 23 j 16:15	19°♈23'09	-0°01'58	
min. Earth dist.	-6064 Nov 23 j 20:41	19°♈21'41	4.30997 AU	
asc. node	-6064 Dec 04 j 09:50	17°♈58'43		
direct	-6063 Jan 23 j 21:07	14°♈19'10		
	-6063 May 20 j 07:31	0°♉		
evening set	-6063 Jun 01 j 03:04	2°♉33'43		
conjunction	-6063 Jun 14 j 11:32	5°♉30'07	0°23'22	
minimum elong	-6063 Jun 14 j 11:30	5°♉30'06	0°23'34	
max. Earth dist.	-6063 Jun 13 j 17:23	5°♉20'06	6.34100 AU	
morning rise	-6063 Jun 27 j 16:45	8°♉24'50		
	-6063 Jul 28 j 19:21	15°♉		
retrograde	-6063 Oct 26 j 09:19	25°♉38'55		
opposition	-6063 Dec 25 j 06:33	20°♉44'57	1°05'55	
min. Earth dist.	-6063 Dec 26 j 00:05	20°♉39'14	4.36137 AU	
direct	-6062 Feb 25 j 10:27	15°♉41'38		
	-6062 Jun 16 j 01:20	0°♊		

evening set	-6062 Jul 03 j 10:31	3°♊44'45		
max. Earth dist.	-6062 Jul 15 j 01:03	6°♊18'07	6.36873 AU	
conjunction	-6062 Jul 16 j 09:20	6°♊35'57	1°04'26	
minimum elong	-6062 Jul 16 j 09:16	6°♊35'55	1°04'46	
morning rise	-6062 Jul 29 j 04:41	9°♊25'29		
retrograde	-6062 Nov 26 j 16:14	26°♊33'52		
opposition	-6061 Jan 26 j 02:18	21°♊42'03	1°54'17	
min. Earth dist.	-6061 Jan 27 j 04:06	21°♊33'47	4.36510 AU	
direct	-6061 Mar 29 j 16:19	16°♊40'45		
	-6061 Jul 13 j 04:39	0°♋		
evening set	-6061 Aug 03 j 20:34	4°♋41'19		
max. Earth dist.	-6061 Aug 14 j 20:02	7°♋07'59	6.34678 AU	
conjunction	-6061 Aug 16 j 11:06	7°♋29'48	1°26'57	
minimum elong	-6061 Aug 16 j 11:04	7°♋29'47	1°27'19	
morning rise	-6061 Aug 28 j 23:24	10°♋17'14		
retrograde	-6061 Dec 28 j 20:08	27°♋43'39		
opposition	-6060 Feb 27 j 17:34	22°♋52'04	2°10'26	
min. Earth dist.	-6060 Feb 28 j 20:53	22°♋43'23	4.31972 AU	
direct	-6060 Apr 30 j 02:10	17°♋53'28		
	-6060 Aug 06 j 13:01	0°♌		
evening set	-6060 Sep 03 j 00:58	6°♌00'15		
max. Earth dist.	-6060 Sep 14 j 03:22	8°♌31'09	6.28092 AU	
conjunction	-6060 Sep 15 j 12:14	8°♌49'50	1°24'27	
minimum elong	-6060 Sep 15 j 12:16	8°♌49'52	1°24'46	
morning rise	-6060 Sep 27 j 22:30	11°♌39'09		
	-6060 Oct 12 j 22:38	15°♌		
retrograde	-6059 Jan 30 j 08:16	29°♌43'13		
opposition	-6059 Apr 01 j 13:55	24°♌50'02	1°48'01	
min. Earth dist.	-6059 Apr 02 j 09:35	24°♌43'46	4.23726 AU	
direct	-6059 Jun 02 j 01:13	19°♌54'22		
	-6059 Aug 28 j 01:55	0°♍		
evening set	-6059 Oct 04 j 18:21	8°♍14'41		
conjunction	-6059 Oct 17 j 07:38	11°♍08'58	0°56'06	
minimum elong	-6059 Oct 17 j 07:42	11°♍09'00	0°56'15	
max. Earth dist.	-6059 Oct 16 j 12:38	10°♍57'57	6.18924 AU	
morning rise	-6059 Oct 29 j 22:02	14°♍03'57		
	-6058 Jan 20 j 19:24	0°♎		
retrograde	-6058 Mar 06 j 13:11	2°♎57'30		
	-6058 Apr 20 j 21:20	30°℞♍		
opposition	-6058 May 06 j 17:54	28°♍01'04	0°49'55	
min. Earth dist.	-6058 May 06 j 23:45	27°♍59'11	4.14192 AU	
direct	-6058 Jul 05 j 23:22	23°♍07'32		
	-6058 Sep 12 j 17:19	0°♎		
evening set	-6058 Nov 06 j 18:22	11°♎46'18		
conjunction	-6058 Nov 19 j 14:12	14°♎47'16	0°08'34	
minimum elong	-6058 Nov 19 j 14:13	14°♎47'17	0°08'30	
behind sun begin	-6058 Nov 19 j 07:08	14°♎43'07		
behind sun end	-6058 Nov 19 j 21:18	14°♎51'26		
max. Earth dist.	-6058 Nov 19 j 17:51	14°♎49'24	6.09966 AU	
morning rise	-6058 Dec 02 j 12:30	17°♎49'43		
desc. node	-6057 Jan 22 j 23:53	29°♎00'15		
	-6057 Jan 28 j 07:56	0°♏		
retrograde	-6057 Apr 12 j 00:01	7°♏30'39		
opposition	-6057 Jun 11 j 20:39	2°♏30'17	-0°27'53	
min. Earth dist.	-6057 Jun 11 j 09:58	2°♏33'48	4.06559 AU	
	-6057 Jul 01 j 21:15	30°℞♎		
direct	-6057 Aug 09 j 19:21	27°♎37'20		
	-6057 Sep 17 j 04:22	0°♏		
	-6057 Dec 04 j 18:45	15°♏		
evening set	-6057 Dec 11 j 12:45	16°♏35'00		
conjunction	-6057 Dec 24 j 16:15	19°♏41'48	-0°43'16	

Attention, astronomical year style is used: The year -6057 in astronomical counting style is the year 6058 BCE in historical counting style.

minimum elong	-6057 Dec 24 j 16:11	19°♏41'46	0°43'31
max. Earth dist.	-6057 Dec 25 j 17:11	19°♏56'35	6.04327 AU
morning rise	-6056 Jan 06 j 23:17	22°♏50'27	
	-6056 Feb 07 j 10:44	0°♐	
retrograde	-6056 May 17 j 20:27	12°♐58'37	
min. Earth dist.	-6056 Jul 16 j 04:45	8°♐02'42	4.03593 AU
opposition	-6056 Jul 17 j 04:05	7°♐54'51	-1°37'20
direct	-6056 Sep 13 j 08:24	3°♐00'19	
evening set	-6055 Jan 15 j 20:25	22°♐10'01	
conjunction	-6055 Jan 29 j 07:14	25°♐19'53	-1°19'42
minimum elong	-6055 Jan 29 j 07:11	25°♐19'52	1°20'06
max. Earth dist.	-6055 Jan 31 j 00:11	25°♐44'01	6.04188 AU
morning rise	-6055 Feb 11 j 20:57	28°♐31'15	
	-6055 Feb 18 j 05:36	0°♑	
retrograde	-6055 Jun 23 j 03:22	18°♑32'19	
opposition	-6055 Aug 21 j 19:32	13°♑27'10	-2°10'24
min. Earth dist.	-6055 Aug 20 j 17:19	13°♑36'07	4.06445 AU
direct	-6055 Oct 18 j 23:42	8°♑29'33	
evening set	-6054 Feb 21 j 19:35	27°♑37'35	
	-6054 Mar 04 j 02:03	0°♒	
conjunction	-6054 Mar 07 j 11:42	0°♒47'17	-1°26'30
minimum elong	-6054 Mar 07 j 11:44	0°♒47'18	1°26'51
max. Earth dist.	-6054 Mar 09 j 02:55	1°♒09'59	6.09656 AU
morning rise	-6054 Mar 21 j 05:35	3°♒57'40	
	-6054 May 11 j 21:21	15°♒	
retrograde	-6054 Jul 27 j 19:34	23°♒18'54	
min. Earth dist.	-6054 Sep 24 j 06:58	18°♒22'10	4.13967 AU
opposition	-6054 Sep 25 j 04:09	18°♒14'56	-1°55'33
	-6054 Oct 21 j 04:35	15°℞♒	
direct	-6054 Nov 23 j 01:13	13°♒13'57	
	-6054 Dec 26 j 07:49	15°♒	
	-6053 Mar 20 j 18:42	0°♓	
evening set	-6053 Mar 30 j 05:37	2°♓06'55	
conjunction	-6053 Apr 12 j 23:51	5°♓13'40	-1°02'30
minimum elong	-6053 Apr 12 j 23:55	5°♓13'43	1°02'41
max. Earth dist.	-6053 Apr 13 j 23:54	5°♓27'19	6.18642 AU
morning rise	-6053 Apr 26 j 17:34	8°♓19'59	
retrograde	-6053 Aug 29 j 22:05	26°♓46'54	
opposition	-6053 Oct 28 j 04:04	21°♓46'09	-1°02'19
min. Earth dist.	-6053 Oct 27 j 19:59	21°♓48'53	4.23446 AU
direct	-6053 Dec 27 j 07:07	16°♓42'53	
	-6052 Apr 09 j 00:22	0°♈	
evening set	-6052 May 03 j 07:00	5°♈14'33	
conjunction	-6052 May 16 j 22:08	8°♈16'12	-0°18'34
minimum elong	-6052 May 16 j 22:10	8°♈16'13	0°18'33
max. Earth dist.	-6052 May 16 j 23:51	8°♈17'09	6.27960 AU
morning rise	-6052 May 30 j 10:52	11°♈16'31	
retrograde	-6052 Sep 29 j 14:58	28°♈55'52	
asc. node	-6052 Oct 14 j 04:03	28°♈35'00	
opposition	-6052 Nov 28 j 03:41	23°♈58'58	0°08'12
min. Earth dist.	-6052 Nov 28 j 09:17	23°♈57'07	4.31782 AU
direct	-6051 Jan 28 j 11:42	18°♈54'59	
	-6051 May 02 j 20:56	0°♉	
evening set	-6051 Jun 05 j 18:41	7°♉07'58	
max. Earth dist.	-6051 Jun 18 j 06:14	9°♉52'45	6.34699 AU
conjunction	-6051 Jun 19 j 01:52	10°♉03'35	0°29'57
minimum elong	-6051 Jun 19 j 01:50	10°♉03'34	0°30'09
morning rise	-6051 Jul 02 j 05:40	12°♉57'29	
	-6051 Jul 11 j 14:50	15°♉	
	-6051 Oct 20 j 23:25	0°♊	
retrograde	-6051 Oct 30 j 19:26	0°♊09'22	
	-6051 Nov 09 j 15:20	30°℞♉	
opposition	-6051 Dec 29 j 18:07	25°♉15'49	1°14'19
min. Earth dist.	-6051 Dec 30 j 13:10	25°♉09'38	4.36505 AU
direct	-6050 Mar 02 j 01:00	20°♉12'44	
	-6050 May 29 j 06:53	0°♊	
evening set	-6050 Jul 07 j 22:13	8°♊14'43	
max. Earth dist.	-6050 Jul 19 j 09:10	10°♊46'15	6.36937 AU
conjunction	-6050 Jul 20 j 19:37	11°♊05'18	1°08'56
minimum elong	-6050 Jul 20 j 19:34	11°♊05'16	1°09'18
morning rise	-6050 Aug 02 j 13:50	13°♊54'18	
	-6050 Nov 05 j 02:22	0°♋	
retrograde	-6050 Dec 01 j 03:28	1°♋03'29	
	-6050 Dec 27 j 07:04	30°℞♊	
opposition	-6049 Jan 30 j 15:27	26°♊11'45	1°58'43
min. Earth dist.	-6049 Jan 31 j 17:48	26°♊03'19	4.36270 AU
direct	-6049 Apr 03 j 05:52	21°♊10'44	
	-6049 Jun 25 j 02:16	0°♋	
evening set	-6049 Aug 08 j 06:05	9°♋11'15	
max. Earth dist.	-6049 Aug 19 j 06:16	11°♋38'32	6.34124 AU
conjunction	-6049 Aug 20 j 19:54	11°♋59'36	1°28'11
minimum elong	-6049 Aug 20 j 19:53	11°♋59'35	1°28'33
morning rise	-6049 Sep 02 j 07:23	14°♋46'56	
	-6049 Nov 24 j 11:02	0°♌	
retrograde	-6048 Jan 02 j 10:18	2°♌17'02	
	-6048 Feb 10 j 22:52	30°℞♋	
opposition	-6048 Mar 03 j 09:41	27°♋25'22	2°09'37
min. Earth dist.	-6048 Mar 04 j 12:25	27°♋16'53	4.31126 AU
direct	-6048 May 04 j 16:06	22°♋27'11	
	-6048 Jul 18 j 15:18	0°♌	
evening set	-6048 Sep 07 j 10:49	10°♌35'05	
conjunction	-6048 Sep 19 j 21:52	13°♌25'04	1°21'57
minimum elong	-6048 Sep 19 j 21:54	13°♌25'06	1°22'16
max. Earth dist.	-6048 Sep 18 j 12:59	13°♌06'20	6.27004 AU
	-6048 Sep 26 j 20:29	15°♌	
morning rise	-6048 Oct 02 j 08:30	16°♌14'57	
	-6048 Dec 10 j 19:49	0°♍	
retrograde	-6047 Feb 04 j 05:04	4°♍25'11	
	-6047 Apr 02 j 17:03	30°℞♌	
opposition	-6047 Apr 06 j 10:19	29°♌31'36	1°41'47
min. Earth dist.	-6047 Apr 07 j 04:47	29°♌25'42	4.22442 AU
direct	-6047 Jun 06 j 18:03	24°♌36'13	
	-6047 Aug 06 j 23:59	0°♍	
evening set	-6047 Oct 09 j 07:01	12°♍58'50	
conjunction	-6047 Oct 21 j 21:10	15°♍54'01	0°50'19
minimum elong	-6047 Oct 21 j 21:14	15°♍54'03	0°50'27
max. Earth dist.	-6047 Oct 21 j 05:35	15°♍44'58	6.17573 AU
morning rise	-6047 Nov 03 j 12:23	18°♍50'00	
	-6047 Dec 25 j 20:29	0°♎	
retrograde	-6046 Mar 11 j 14:10	7°♎50'43	
opposition	-6046 May 11 j 18:14	2°♎53'47	0°39'38
min. Earth dist.	-6046 May 11 j 22:02	2°♎52'33	4.12872 AU
	-6046 Jun 04 j 19:02	30°℞♍	
direct	-6046 Jul 10 j 18:39	28°♍00'28	
	-6046 Aug 15 j 07:00	0°♎	
evening set	-6046 Nov 11 j 12:56	16°♎42'20	
conjunction	-6046 Nov 24 j 09:41	19°♎44'14	0°01'05
minimum elong	-6046 Nov 24 j 09:41	19°♎44'14	0°01'00
behind sun begin	-6046 Nov 24 j 01:35	19°♎39'29	
behind sun end	-6046 Nov 24 j 17:47	19°♎49'00	
max. Earth dist.	-6046 Nov 24 j 15:04	19°♎47'23	6.08788 AU
desc. node	-6046 Dec 02 j 09:41	21°♎37'29	
morning rise	-6046 Dec 07 j 09:21	22°♎47'46	
	-6045 Jan 08 j 05:31	0°♏	

Attention, astronomical year style is used: The year -6045 in astronomical counting style is the year 6046 BCE in historical counting style.

retrograde	-6045 Apr 17 j 03:37	12°♏34'41	
opposition	-6045 Jun 16 j 23:11	7°♏33'44	-0°38'54
min. Earth dist.	-6045 Jun 16 j 10:12	7°♏38'02	4.05634 AU
direct	-6045 Aug 14 j 18:29	2°♏40'38	
	-6045 Nov 17 j 07:48	15°♏	
evening set	-6045 Dec 16 j 13:39	21°♏41'23	
conjunction	-6045 Dec 29 j 18:26	24°♏48'57	-0°49'46
minimum elong	-6045 Dec 29 j 18:22	24°♏48'55	0°50'02
max. Earth dist.	-6045 Dec 30 j 23:23	25°♏06'07	6.03740 AU
morning rise	-6044 Jan 12 j 02:27	27°♏58'19	
	-6044 Jan 20 j 18:39	0°♐	
retrograde	-6044 May 23 j 02:43	18°♐08'34	
min. Earth dist.	-6044 Jul 21 j 06:53	13°♐12'30	4.03429 AU
opposition	-6044 Jul 22 j 06:37	13°♐04'31	-1°44'44
direct	-6044 Sep 18 j 09:46	8°♐09'39	
evening set	-6043 Jan 21 j 02:00	27°♐20'50	
	-6043 Feb 01 j 08:59	0°♑	
conjunction	-6043 Feb 03 j 13:37	0°♑30'58	-1°22'39
minimum elong	-6043 Feb 03 j 13:34	0°♑30'56	1°23'01
max. Earth dist.	-6043 Feb 05 j 06:37	0°♑55'05	6.04444 AU
morning rise	-6043 Feb 17 j 04:18	3°♑42'33	
retrograde	-6043 Jun 28 j 03:18	23°♑40'28	
opposition	-6043 Aug 26 j 19:05	18°♑35'20	-2°11'11
min. Earth dist.	-6043 Aug 25 j 15:56	18°♑44'37	4.07133 AU
direct	-6043 Oct 23 j 23:38	13°♑37'16	
	-6042 Feb 15 j 00:56	0°♒	
evening set	-6042 Feb 27 j 01:38	2°♒44'19	
conjunction	-6042 Mar 12 j 18:22	5°♒53'47	-1°24'48
minimum elong	-6042 Mar 12 j 18:25	5°♒53'49	1°25'07
max. Earth dist.	-6042 Mar 14 j 09:06	6°♒16'09	6.10753 AU
morning rise	-6042 Mar 26 j 12:26	9°♒03'46	
	-6042 Apr 22 j 03:32	15°♒	
retrograde	-6042 Aug 01 j 16:08	28°♒17'36	
opposition	-6042 Sep 29 j 23:13	23°♒13'59	-1°49'52
min. Earth dist.	-6042 Sep 29 j 03:50	23°♒20'36	4.15369 AU
direct	-6042 Nov 28 j 01:14	18°♒12'39	
	-6041 Mar 02 j 21:59	0°♓	
evening set	-6041 Apr 04 j 07:43	7°♓02'02	
conjunction	-6041 Apr 18 j 01:50	10°♓08'03	-0°57'08
minimum elong	-6041 Apr 18 j 01:55	10°♓08'06	0°57'18
max. Earth dist.	-6041 Apr 19 j 00:28	10°♓20'49	6.20275 AU
morning rise	-6041 May 01 j 19:06	13°♓13'28	
	-6041 Aug 03 j 13:53	0°♈	
retrograde	-6041 Sep 03 j 10:12	1°♈31'34	
	-6041 Oct 04 j 02:06	30°♓	
opposition	-6041 Nov 01 j 18:06	26°♓31'19	-0°52'51
min. Earth dist.	-6041 Nov 01 j 10:34	26°♓33'51	4.25165 AU
direct	-6040 Jan 01 j 01:04	21°♓27'51	
	-6040 Mar 21 j 02:30	0°♈	
evening set	-6040 May 08 j 02:23	9°♈54'47	
conjunction	-6040 May 21 j 16:29	12°♈55'19	-0°11'43
minimum elong	-6040 May 21 j 16:30	12°♈55'19	0°11'40
behind sun begin	-6040 May 21 j 10:44	12°♈52'08	
behind sun end	-6040 May 21 j 22:16	12°♈58'30	
max. Earth dist.	-6040 May 21 j 14:59	12°♈54'29	6.29647 AU
morning rise	-6040 Jun 04 j 04:06	15°♈54'27	
	-6040 Aug 17 j 10:25	0°♉	
asc. node	-6040 Aug 24 j 14:11	0°♉54'41	
retrograde	-6040 Oct 04 j 00:21	3°♉26'38	
	-6040 Nov 21 j 01:42	30°♈	
opposition	-6040 Dec 02 j 14:00	28°♈30'15	0°18'05
min. Earth dist.	-6040 Dec 02 j 22:13	28°♈27'32	4.33291 AU
direct	-6039 Feb 02 j 03:33	23°♈26'17	
	-6039 Apr 13 j 02:12	0°♉	
evening set	-6039 Jun 10 j 07:06	11°♉34'56	
conjunction	-6039 Jun 23 j 12:56	14°♉29'30	0°36'08
minimum elong	-6039 Jun 23 j 12:53	14°♉29'28	0°36'22
max. Earth dist.	-6039 Jun 22 j 14:48	14°♉17'18	6.35894 AU
	-6039 Jun 25 j 20:18	15°♉	
morning rise	-6039 Jul 06 j 15:14	17°♉22'18	
	-6039 Sep 09 j 18:33	0°♊	
retrograde	-6039 Nov 04 j 00:31	4°♊30'23	
	-6039 Dec 31 j 03:41	30°♉	
opposition	-6038 Jan 03 j 02:17	29°♉37'08	1°21'54
min. Earth dist.	-6038 Jan 03 j 22:20	29°♉30'38	4.37323 AU
direct	-6038 Mar 06 j 10:58	24°♉34'12	
	-6038 May 08 j 21:26	0°♊	
evening set	-6038 Jul 12 j 05:30	12°♊33'41	
max. Earth dist.	-6038 Jul 23 j 13:50	15°♊03'46	6.37296 AU
conjunction	-6038 Jul 25 j 01:35	15°♊23'33	1°12'51
minimum elong	-6038 Jul 25 j 01:31	15°♊23'31	1°13'12
morning rise	-6038 Aug 06 j 18:31	18°♊11'54	
	-6038 Oct 05 j 09:32	0°♋	
retrograde	-6038 Dec 05 j 10:49	5°♋21'18	
opposition	-6037 Feb 04 j 00:21	0°♋29'44	2°02'15
min. Earth dist.	-6037 Feb 05 j 04:18	0°♋20'49	4.36142 AU
	-6037 Feb 07 j 21:38	30°♊	
direct	-6037 Apr 07 j 15:30	25°♊29'02	
	-6037 Jun 03 j 19:44	0°♋	
evening set	-6037 Aug 12 j 10:48	13°♋29'16	
max. Earth dist.	-6037 Aug 23 j 08:02	15°♋55'13	6.33490 AU
conjunction	-6037 Aug 24 j 23:52	16°♋17'33	1°28'51
minimum elong	-6037 Aug 24 j 23:51	16°♋17'33	1°29'14
morning rise	-6037 Sep 06 j 11:01	19°♋04'59	
	-6037 Oct 29 j 20:04	0°♌	
retrograde	-6036 Jan 06 j 21:41	6°♌39'30	
opposition	-6036 Mar 07 j 21:56	1°♌47'40	2°08'07
min. Earth dist.	-6036 Mar 09 j 00:31	1°♌39'13	4.30019 AU
	-6036 Mar 22 j 08:58	30°♋	
direct	-6036 May 09 j 01:27	26°♋49'48	
	-6036 Jun 24 j 21:31	0°♌	
evening set	-6036 Sep 11 j 16:41	14°♌59'59	
	-6036 Sep 11 j 16:42	15°♌	
max. Earth dist.	-6036 Sep 22 j 21:07	17°♌32'58	6.25523 AU
conjunction	-6036 Sep 24 j 04:01	17°♌50'39	1°19'04
minimum elong	-6036 Sep 24 j 04:05	17°♌50'41	1°19'20
morning rise	-6036 Oct 06 j 14:52	20°♌41'17	
	-6036 Nov 19 j 02:49	0°♍	
retrograde	-6035 Feb 08 j 23:03	8°♍59'19	
opposition	-6035 Apr 11 j 03:48	4°♍05'26	1°35'08
min. Earth dist.	-6035 Apr 11 j 21:33	3°♍59'47	4.20675 AU
	-6035 May 19 j 04:28	30°♌	
direct	-6035 Jun 11 j 07:04	29°♌10'26	
	-6035 Jul 04 j 07:20	0°♍	
evening set	-6035 Oct 13 j 18:04	17°♍37'27	
conjunction	-6035 Oct 26 j 08:55	20°♍33'46	0°44'21
minimum elong	-6035 Oct 26 j 08:59	20°♍33'48	0°44'27
max. Earth dist.	-6035 Oct 25 j 18:06	20°♍25'08	6.15680 AU
morning rise	-6035 Nov 08 j 01:25	23°♍31'06	
	-6035 Dec 06 j 21:32	0°♎	
retrograde	-6034 Mar 16 j 14:26	12°♎41'16	
opposition	-6034 May 16 j 17:27	7°♎43'49	0°29'14
min. Earth dist.	-6034 May 16 j 18:36	7°♎43'26	4.11000 AU
direct	-6034 Jul 15 j 12:29	2°♎50'39	

Attention, astronomical year style is used: The year -6034 in astronomical counting style is the year 6035 BCE in historical counting style.

desc. node	-6034 Oct 12 j 11:34	13°♎46'37	
evening set	-6034 Nov 16 j 07:34	21°♎37'56	
conjunction	-6034 Nov 29 j 05:45	24°♎41'10	-0°06'24
minimum elong	-6034 Nov 29 j 05:43	24°♎41'09	0°06'32
behind sun begin	-6034 Nov 28 j 22:06	24°♎36'40	
behind sun end	-6034 Nov 29 j 13:21	24°♎45'39	
max. Earth dist.	-6034 Nov 29 j 15:54	24°♎47'10	6.07127 AU
morning rise	-6034 Dec 12 j 06:37	27°♎46'00	
	-6034 Dec 21 j 20:22	0°♏	
	-6033 Mar 11 j 07:28	15°♏	
retrograde	-6033 Apr 22 j 11:05	17°♏40'43	
	-6033 Jun 03 j 15:45	15°℞♏	
opposition	-6033 Jun 22 j 02:44	12°♏39'18	-0°49'37
min. Earth dist.	-6033 Jun 21 j 12:10	12°♏44'08	4.04359 AU
direct	-6033 Aug 19 j 18:31	7°♏46'09	
	-6033 Oct 28 j 04:13	15°♏	
evening set	-6033 Dec 21 j 16:32	26°♏51'17	
conjunction	-6032 Jan 03 j 22:20	29°♏59'41	-0°55'53
minimum elong	-6032 Jan 03 j 22:15	29°♏59'38	0°56'12
	-6032 Jan 03 j 22:53	0°♐	
max. Earth dist.	-6032 Jan 05 j 05:26	0°♐18'08	6.02947 AU
morning rise	-6032 Jan 17 j 07:42	3°♐09'55	
retrograde	-6032 May 28 j 07:45	23°♐22'36	
min. Earth dist.	-6032 Jul 26 j 08:01	18°♐27'04	4.03236 AU
opposition	-6032 Jul 27 j 10:20	18°♐18'10	-1°51'19
direct	-6032 Sep 23 j 10:58	13°♐22'56	
	-6031 Jan 15 j 05:06	0°♑	
evening set	-6031 Jan 26 j 09:36	2°♑35'36	
conjunction	-6031 Feb 08 j 22:11	5°♑45'56	-1°24'56
minimum elong	-6031 Feb 08 j 22:09	5°♑45'55	1°25'18
max. Earth dist.	-6031 Feb 10 j 17:06	6°♑11'09	6.04839 AU
morning rise	-6031 Feb 22 j 13:29	8°♑57'35	
retrograde	-6031 Jul 03 j 05:42	28°♑51'14	
opposition	-6031 Aug 31 j 19:24	23°♑46'03	-2°10'54
min. Earth dist.	-6031 Aug 30 j 17:05	23°♑55'03	4.08044 AU
direct	-6031 Oct 29 j 02:52	18°♑47'27	
	-6030 Jan 27 j 14:46	0°♒	
evening set	-6030 Mar 04 j 08:17	7°♒52'24	
conjunction	-6030 Mar 18 j 01:32	11°♒01'30	-1°22'25
minimum elong	-6030 Mar 18 j 01:35	11°♒01'32	1°22'43
max. Earth dist.	-6030 Mar 19 j 16:05	11°♒23'40	6.12064 AU
morning rise	-6030 Mar 31 j 19:44	14°♒10'56	
	-6030 Apr 04 j 09:59	15°♒	
	-6030 Jun 21 j 09:59	0°♓	
retrograde	-6030 Aug 06 j 10:41	3°♓16'23	
	-6030 Sep 21 j 09:26	30°℞♒	
opposition	-6030 Oct 04 j 18:03	28°♒13'07	-1°43'22
min. Earth dist.	-6030 Oct 03 j 23:04	28°♒19'34	4.16906 AU
direct	-6030 Dec 02 j 23:20	23°♒11'21	
	-6029 Feb 10 j 04:03	0°♓	
evening set	-6029 Apr 09 j 09:24	11°♓56'48	
conjunction	-6029 Apr 23 j 03:06	15°♓02'00	-0°51'21
minimum elong	-6029 Apr 23 j 03:11	15°♓02'02	0°51'29
max. Earth dist.	-6029 Apr 23 j 21:35	15°♓12'24	6.21890 AU
morning rise	-6029 May 06 j 19:55	18°♓06'30	
	-6029 Jul 04 j 06:01	0°♈	
retrograde	-6029 Sep 08 j 00:23	6°♈16'25	
opposition	-6029 Nov 06 j 08:13	1°♈16'40	-0°43'02
min. Earth dist.	-6029 Nov 06 j 03:41	1°♈18'11	4.26682 AU
	-6029 Nov 15 j 22:54	30°℞♓	
direct	-6028 Jan 05 j 21:02	26°♓13'00	
	-6028 Feb 25 j 21:52	0°♈	

evening set	-6028 May 12 j 21:47	14°♈36'11	
conjunction	-6028 May 26 j 11:02	17°♈35'48	-0°04'44
minimum elong	-6028 May 26 j 11:02	17°♈35'48	0°04'40
behind sun begin	-6028 May 26 j 02:58	17°♈31'22	
behind sun end	-6028 May 26 j 19:05	17°♈40'14	
max. Earth dist.	-6028 May 26 j 07:15	17°♈33'45	6.30950 AU
morning rise	-6028 Jun 08 j 21:19	20°♈33'53	
asc. node	-6028 Jul 03 j 12:47	25°♈51'05	
	-6028 Jul 24 j 14:47	0°♉	
retrograde	-6028 Oct 08 j 09:13	8°♉00'37	
opposition	-6028 Dec 07 j 01:10	3°♉04'44	0°28'01
min. Earth dist.	-6028 Dec 07 j 10:35	3°♉01'38	4.34295 AU
	-6027 Jan 01 j 06:29	30°℞♈	
direct	-6027 Feb 06 j 17:04	28°♈00'49	
	-6027 Mar 15 j 14:33	0°♉	
	-6027 Jun 09 j 17:42	15°♉	
evening set	-6027 Jun 14 j 21:15	16°♉07'10	
max. Earth dist.	-6027 Jun 26 j 23:56	18°♉46'45	6.36512 AU
conjunction	-6027 Jun 28 j 01:33	19°♉00'52	0°42'16
minimum elong	-6027 Jun 28 j 01:30	19°♉00'50	0°42'32
morning rise	-6027 Jul 11 j 02:33	21°♉52'51	
	-6027 Aug 19 j 03:10	0°♊	
retrograde	-6027 Nov 08 j 11:32	8°♊59'20	
opposition	-6026 Jan 07 j 13:46	4°♊06'26	1°29'20
min. Earth dist.	-6026 Jan 08 j 12:22	3°♊59'08	4.37530 AU
	-6026 Feb 13 j 23:29	30°℞♉	
direct	-6026 Mar 11 j 01:09	29°♉03'44	
	-6026 Apr 05 j 06:01	0°♊	
evening set	-6026 Jul 16 j 16:00	17°♊02'37	
max. Earth dist.	-6026 Jul 27 j 21:39	19°♊31'24	6.37051 AU
conjunction	-6026 Jul 29 j 10:58	19°♊52'03	1°16'32
minimum elong	-6026 Jul 29 j 10:54	19°♊52'01	1°16'53
morning rise	-6026 Aug 11 j 02:47	22°♊40'02	
	-6026 Sep 14 j 20:48	0°♋	
retrograde	-6026 Dec 09 j 22:34	9°♋51'44	
opposition	-6025 Feb 08 j 14:15	5°♋00'13	2°05'21
min. Earth dist.	-6025 Feb 09 j 18:02	4°♋51'21	4.35491 AU
	-6025 Apr 10 j 21:11	30°℞♊	
direct	-6025 Apr 12 j 03:32	29°♊59'51	
	-6025 Apr 13 j 09:58	0°♋	
evening set	-6025 Aug 16 j 20:41	18°♋01'18	
max. Earth dist.	-6025 Aug 27 j 18:31	20°♋27'58	6.32482 AU
conjunction	-6025 Aug 29 j 09:11	20°♋49'43	1°29'04
minimum elong	-6025 Aug 29 j 09:11	20°♋49'43	1°29'27
morning rise	-6025 Sep 10 j 19:52	23°♋37'22	
	-6025 Oct 10 j 07:34	0°♌	
retrograde	-6024 Jan 11 j 16:05	11°♌17'24	
opposition	-6024 Mar 12 j 16:23	6°♌25'25	2°05'46
min. Earth dist.	-6024 Mar 13 j 19:04	6°♌16'56	4.28715 AU
direct	-6024 May 13 j 17:50	1°♌27'58	
	-6024 Aug 26 j 04:13	15°♌	
evening set	-6024 Sep 16 j 04:38	19°♌40'42	
max. Earth dist.	-6024 Sep 27 j 09:52	22°♌14'42	6.24041 AU
conjunction	-6024 Sep 28 j 16:08	22°♌32'04	1°15'31
minimum elong	-6024 Sep 28 j 16:11	22°♌32'06	1°15'46
morning rise	-6024 Oct 11 j 03:39	25°♌23'35	
	-6024 Oct 31 j 18:02	0°♍	
retrograde	-6023 Feb 13 j 22:05	13°♍49'14	
opposition	-6023 Apr 16 j 03:34	8°♍54'53	1°27'26
min. Earth dist.	-6023 Apr 16 j 18:31	8°♍50'06	4.19126 AU
direct	-6023 Jun 16 j 01:42	4°♍00'15	
evening set	-6023 Oct 18 j 10:34	22°♍30'27	

Attention, astronomical year style is used: The year -6023 in astronomical counting style is the year 6024 BCE in historical counting style.

conjunction	-6023 Oct 31 j 02:26	25°♍27'49	0°37'46
minimum elong	-6023 Oct 31 j 02:30	25°♍27'51	0°37'50
max. Earth dist.	-6023 Oct 30 j 16:27	25°♍21'59	6.14242 AU
morning rise	-6023 Nov 12 j 19:53	28°♍26'14	
	-6023 Nov 19 j 14:02	0°♎	
retrograde	-6022 Mar 21 j 20:34	17°♎43'48	
opposition	-6022 May 21 j 21:32	12°♎45'48	0°18'08
min. Earth dist.	-6022 May 21 j 20:50	12°♎46'02	4.09805 AU
direct	-6022 Jul 20 j 13:04	7°♎52'48	
desc. node	-6022 Aug 21 j 04:01	9°♎29'33	
evening set	-6022 Nov 21 j 06:26	26°♎42'47	
conjunction	-6022 Dec 04 j 05:33	29°♎46'50	-0°13'58
minimum elong	-6022 Dec 04 j 05:32	29°♎46'49	0°14'07
behind sun begin	-6022 Dec 04 j 01:26	29°♎44'24	
behind sun end	-6022 Dec 04 j 09:37	29°♎49'14	
max. Earth dist.	-6022 Dec 04 j 18:31	29°♎54'30	6.06298 AU
	-6022 Dec 05 j 03:48	0°♏	
morning rise	-6022 Dec 17 j 07:50	2°♏52'37	
	-6021 Feb 11 j 09:52	15°♏	
retrograde	-6021 Apr 27 j 16:25	22°♏51'12	
opposition	-6021 Jun 27 j 07:26	17°♏49'15	-1°00'07
min. Earth dist.	-6021 Jun 26 j 13:33	17°♏55'11	4.04013 AU
	-6021 Jul 20 j 00:01	15°℞♏	
direct	-6021 Aug 24 j 19:18	12°♏55'54	
	-6021 Sep 29 j 07:23	15°♏	
	-6021 Dec 18 j 04:01	0°♐	
evening set	-6021 Dec 26 j 20:23	2°♐02'04	
conjunction	-6020 Jan 09 j 03:14	5°♐10'48	-1°01'37
minimum elong	-6020 Jan 09 j 03:10	5°♐10'45	1°01'57
max. Earth dist.	-6020 Jan 10 j 13:40	5°♐31'13	6.03098 AU
morning rise	-6020 Jan 22 j 13:26	8°♐21'18	
retrograde	-6020 Jun 02 j 11:35	28°♐32'22	
min. Earth dist.	-6020 Jul 31 j 09:57	23°♐36'33	4.03874 AU
opposition	-6020 Aug 01 j 12:16	23°♐27'37	-1°56'55
direct	-6020 Sep 28 j 13:58	18°♐31'56	
	-6020 Dec 28 j 06:10	0°♑	
evening set	-6019 Jan 31 j 14:45	7°♑43'08	
conjunction	-6019 Feb 14 j 04:06	10°♑53'19	-1°26'31
minimum elong	-6019 Feb 14 j 04:05	10°♑53'18	1°26'54
max. Earth dist.	-6019 Feb 15 j 23:56	11°♑18'58	6.05881 AU
morning rise	-6019 Feb 27 j 19:58	14°♑04'41	
	-6019 May 18 j 17:13	0°♒	
retrograde	-6019 Jul 08 j 02:52	3°♒51'38	
	-6019 Aug 27 j 14:54	30°℞♑	
opposition	-6019 Sep 05 j 15:46	28°♑46'37	-2°09'37
min. Earth dist.	-6019 Sep 04 j 13:31	28°♑55'35	4.09386 AU
direct	-6019 Nov 03 j 01:07	23°♑47'32	
	-6018 Jan 06 j 15:25	0°♒	
evening set	-6018 Mar 09 j 10:54	12°♒49'15	
	-6018 Mar 18 j 23:31	15°♒	
conjunction	-6018 Mar 23 j 04:19	15°♒57'48	-1°19'32
minimum elong	-6018 Mar 23 j 04:23	15°♒57'50	1°19'49
max. Earth dist.	-6018 Mar 24 j 14:58	16°♒17'39	6.13573 AU
morning rise	-6018 Apr 05 j 22:40	19°♒06'34	
	-6018 May 27 j 10:30	0°♓	
retrograde	-6018 Aug 11 j 01:43	8°♓03'35	
opposition	-6018 Oct 09 j 08:43	3°♓00'44	-1°36'24
min. Earth dist.	-6018 Oct 08 j 16:21	3°♓06'18	4.18413 AU
	-6018 Nov 02 j 04:58	30°℞♒	
direct	-6018 Dec 07 j 19:04	27°♒58'34	
	-6017 Jan 12 j 18:32	0°♓	
evening set	-6017 Apr 14 j 06:50	16°♓40'37	

conjunction	-6017 Apr 28 j 00:24	19°♓45'08	-0°45'25
minimum elong	-6017 Apr 28 j 00:28	19°♓45'10	0°45'31
max. Earth dist.	-6017 Apr 28 j 16:31	19°♓54'10	6.23296 AU
morning rise	-6017 May 11 j 16:27	22°♓48'46	
	-6017 Jun 14 j 04:56	0°♈	
retrograde	-6017 Sep 12 j 10:23	10°♈51'43	
opposition	-6017 Nov 10 j 18:58	5°♈52'35	-0°33'17
min. Earth dist.	-6017 Nov 10 j 16:08	5°♈53'32	4.27861 AU
direct	-6016 Jan 10 j 10:36	0°♈48'49	
asc. node	-6016 May 13 j 10:02	18°♈14'55	
evening set	-6016 May 17 j 14:08	19°♈09'41	
conjunction	-6016 May 31 j 02:15	22°♈08'33	0°02'13
minimum elong	-6016 May 31 j 02:13	22°♈08'32	0°02'20
behind sun begin	-6016 May 30 j 18:00	22°♈04'00	
behind sun end	-6016 May 31 j 10:27	22°♈13'04	
max. Earth dist.	-6016 May 30 j 17:15	22°♈03'36	6.31810 AU
morning rise	-6016 Jun 13 j 11:34	25°♈05'52	
	-6016 Jul 06 j 07:10	0°♉	
retrograde	-6016 Oct 12 j 19:03	12°♉29'08	
opposition	-6016 Dec 11 j 11:01	7°♉33'45	0°37'33
min. Earth dist.	-6016 Dec 11 j 23:27	7°♉29'40	4.34789 AU
direct	-6015 Feb 11 j 06:39	2°♉29'56	
	-6015 May 24 j 01:37	15°♉	
evening set	-6015 Jun 19 j 09:39	20°♉35'42	
max. Earth dist.	-6015 Jul 01 j 09:52	23°♉13'59	6.36600 AU
conjunction	-6015 Jul 02 j 12:51	23°♉28'51	0°48'03
minimum elong	-6015 Jul 02 j 12:47	23°♉28'49	0°48'21
morning rise	-6015 Jul 15 j 12:23	26°♉20'15	
	-6015 Aug 01 j 11:51	0°♊	
retrograde	-6015 Nov 12 j 20:30	13°♊27'04	
opposition	-6014 Jan 12 j 01:02	8°♊34'31	1°36'12
min. Earth dist.	-6014 Jan 12 j 23:57	8°♊27'07	4.37245 AU
direct	-6014 Mar 15 j 11:49	3°♊32'09	
evening set	-6014 Jul 21 j 02:48	21°♊32'03	
max. Earth dist.	-6014 Aug 01 j 05:59	23°♊59'51	6.36406 AU
conjunction	-6014 Aug 02 j 20:32	24°♊21'15	1°19'44
minimum elong	-6014 Aug 02 j 20:29	24°♊21'13	1°20'06
morning rise	-6014 Aug 15 j 11:29	27°♊09'07	
	-6014 Aug 28 j 12:31	0°♋	
retrograde	-6014 Dec 14 j 13:59	14°♋24'28	
opposition	-6013 Feb 13 j 05:34	9°♋33'04	2°07'40
min. Earth dist.	-6013 Feb 14 j 10:21	9°♋23'53	4.34547 AU
direct	-6013 Apr 16 j 18:46	4°♋33'09	
evening set	-6013 Aug 21 j 07:26	22°♋36'31	
max. Earth dist.	-6013 Sep 01 j 05:42	25°♋03'53	6.31308 AU
conjunction	-6013 Sep 02 j 19:34	25°♋25'14	1°28'43
minimum elong	-6013 Sep 02 j 19:34	25°♋25'14	1°29'04
morning rise	-6013 Sep 15 j 06:03	28°♋13'17	
	-6013 Sep 23 j 05:32	0°♌	
	-6013 Dec 22 j 01:17	15°♌	
retrograde	-6012 Jan 16 j 10:10	15°♌59'24	
	-6012 Feb 10 j 22:40	15°℞♌	
opposition	-6012 Mar 17 j 12:37	11°♌07'09	2°02'33
min. Earth dist.	-6012 Mar 18 j 12:51	10°♌59'27	4.27404 AU
direct	-6012 May 18 j 09:43	6°♌10'12	
	-6012 Aug 07 j 17:02	15°♌	
evening set	-6012 Sep 20 j 17:42	24°♌25'11	
max. Earth dist.	-6012 Oct 02 j 02:55	27°♌01'55	6.22716 AU
conjunction	-6012 Oct 03 j 05:32	27°♌17'14	1°11'25
minimum elong	-6012 Oct 03 j 05:36	27°♌17'16	1°11'38
morning rise	-6012 Oct 15 j 17:31	0°♍09'33	
	-6012 Oct 15 j 00:49	0°♍	

Attention, astronomical year style is used: The year -6011 in astronomical counting style is the year 6012 BCE in historical counting style.

retrograde	-6011 Feb 18 j 23:38	18°♍42'09	
opposition	-6011 Apr 21 j 04:29	13°♍47'22	1°19'00
min. Earth dist.	-6011 Apr 21 j 17:59	13°♍43'03	4.17860 AU
direct	-6011 Jun 20 j 23:53	8°♍53'03	
evening set	-6011 Oct 23 j 03:50	27°♍25'21	
	-6011 Nov 03 j 04:19	0°♎	
conjunction	-6011 Nov 04 j 20:31	0°♎23'34	0°30'53
minimum elong	-6011 Nov 04 j 20:33	0°♎23'35	0°30'54
max. Earth dist.	-6011 Nov 04 j 13:06	0°♎19'13	6.13149 AU
morning rise	-6011 Nov 17 j 15:11	3°♎22'58	
retrograde	-6010 Mar 26 j 23:41	22°♎46'21	
opposition	-6010 May 27 j 00:48	17°♎47'46	0°06'53
min. Earth dist.	-6010 May 26 j 20:34	17°♎49'08	4.08977 AU
desc. node	-6010 Jun 30 j 10:55	13°♎55'39	
direct	-6010 Jul 25 j 11:18	12°♎54'50	
	-6010 Nov 18 j 14:56	0°♏	
evening set	-6010 Nov 26 j 04:43	1°♏46'26	
conjunction	-6010 Dec 09 j 04:56	4°♏51'10	-0°21'25
minimum elong	-6010 Dec 09 j 04:54	4°♏51'09	0°21'36
max. Earth dist.	-6010 Dec 09 j 21:46	5°♏01'08	6.05792 AU
morning rise	-6010 Dec 22 j 08:15	7°♏57'38	
	-6009 Jan 22 j 06:46	15°♏	
retrograde	-6009 May 02 j 21:49	27°♏59'00	
opposition	-6009 Jul 02 j 10:36	22°♏56'31	-1°10'06
min. Earth dist.	-6009 Jul 01 j 15:51	23°♏02'46	4.03882 AU
direct	-6009 Aug 29 j 21:05	18°♏02'56	
	-6009 Nov 30 j 12:34	0°♐	
evening set	-6009 Dec 31 j 22:53	7°♐09'39	
conjunction	-6008 Jan 14 j 06:41	10°♐18'40	-1°06'50
minimum elong	-6008 Jan 14 j 06:37	10°♐18'37	1°07'10
max. Earth dist.	-6008 Jan 15 j 19:26	10°♐40'25	6.03336 AU
morning rise	-6008 Jan 27 j 17:47	13°♐29'24	
	-6008 Apr 19 j 10:59	0°♑	
retrograde	-6008 Jun 07 j 13:02	3°♑38'25	
	-6008 Jul 26 j 17:36	30°℞♐	
min. Earth dist.	-6008 Aug 05 j 08:58	28°♐42'43	4.04495 AU
opposition	-6008 Aug 06 j 12:04	28°♐33'32	-2°01'36
direct	-6008 Oct 03 j 13:11	23°♐37'24	
	-6008 Dec 07 j 09:03	0°♑	
evening set	-6007 Feb 05 j 18:48	12°♑47'37	
conjunction	-6007 Feb 19 j 08:44	15°♑57'38	-1°27'29
minimum elong	-6007 Feb 19 j 08:43	15°♑57'38	1°27'51
max. Earth dist.	-6007 Feb 21 j 02:42	16°♑22'08	6.06804 AU
morning rise	-6007 Mar 05 j 01:12	19°♑08'47	
	-6007 Apr 24 j 05:44	0°♒	
retrograde	-6007 Jul 12 j 22:52	8°♒49'41	
min. Earth dist.	-6007 Sep 09 j 09:50	3°♒53'18	4.10513 AU
opposition	-6007 Sep 10 j 10:41	3°♒44'48	-2°07'29
	-6007 Oct 11 j 16:01	30°℞♑	
direct	-6007 Nov 07 j 23:26	28°♑45'11	
	-6007 Dec 05 j 12:16	0°♒	
	-6006 Mar 02 j 08:22	15°♒	
evening set	-6006 Mar 14 j 12:35	17°♒44'36	
conjunction	-6006 Mar 28 j 06:29	20°♒52'46	-1°16'08
minimum elong	-6006 Mar 28 j 06:33	20°♒52'49	1°16'24
max. Earth dist.	-6006 Mar 29 j 15:59	21°♒11'55	6.14831 AU
morning rise	-6006 Apr 11 j 00:41	24°♒00'57	
	-6006 May 08 j 03:49	0°♓	
retrograde	-6006 Aug 15 j 16:50	12°♓50'29	
opposition	-6006 Oct 13 j 23:11	7°♓48'06	-1°28'52
min. Earth dist.	-6006 Oct 13 j 08:36	7°♓53'03	4.19666 AU
direct	-6006 Dec 12 j 12:43	2°♓45'38	
evening set	-6005 Apr 19 j 04:17	21°♓25'01	
conjunction	-6005 May 02 j 21:18	24°♓28'52	-0°39'12
minimum elong	-6005 May 02 j 21:22	24°♓28'54	0°39'16
max. Earth dist.	-6005 May 03 j 08:28	24°♓35'07	6.24446 AU
morning rise	-6005 May 16 j 12:52	27°♓31'47	
	-6005 May 27 j 17:56	0°♈	
retrograde	-6005 Sep 16 j 21:14	15°♈28'45	
opposition	-6005 Nov 15 j 06:34	10°♈30'06	-0°23'17
min. Earth dist.	-6005 Nov 15 j 06:17	10°♈30'11	4.28814 AU
direct	-6004 Jan 15 j 02:36	5°♈26'11	
asc. node	-6004 Mar 22 j 13:59	11°♈40'30	
evening set	-6004 May 22 j 07:02	23°♈45'16	
conjunction	-6004 Jun 04 j 18:13	26°♈43'24	0°09'07
minimum elong	-6004 Jun 04 j 18:12	26°♈43'24	0°09'15
behind sun begin	-6004 Jun 04 j 11:20	26°♈39'37	
behind sun end	-6004 Jun 05 j 01:05	26°♈47'11	
max. Earth dist.	-6004 Jun 04 j 07:28	26°♈37'29	6.32507 AU
morning rise	-6004 Jun 18 j 02:10	29°♈39'55	
	-6004 Jun 19 j 14:48	0°♉	
	-6004 Sep 11 j 08:35	15°♉	
retrograde	-6004 Oct 17 j 04:05	17°♉00'09	
	-6004 Nov 22 j 01:27	15°℞♉	
opposition	-6004 Dec 15 j 21:54	12°♉05'16	0°47'00
min. Earth dist.	-6004 Dec 16 j 11:38	12°♉00'46	4.35196 AU
direct	-6003 Feb 15 j 19:37	7°♉01'37	
	-6003 May 05 j 04:35	15°♉	
evening set	-6003 Jun 23 j 23:08	25°♉06'47	
max. Earth dist.	-6003 Jul 05 j 18:35	27°♉42'38	6.36673 AU
conjunction	-6003 Jul 07 j 00:48	27°♉59'18	0°53'39
minimum elong	-6003 Jul 07 j 00:45	27°♉59'16	0°53'57
	-6003 Jul 16 j 03:50	0°♊	
morning rise	-6003 Jul 19 j 23:12	0°♊50'10	
retrograde	-6003 Nov 17 j 08:45	17°♊57'20	
opposition	-6002 Jan 16 j 13:57	13°♊05'03	1°42'37
min. Earth dist.	-6002 Jan 17 j 14:36	12°♊57'07	4.37016 AU
direct	-6002 Mar 20 j 02:47	8°♊02'59	
evening set	-6002 Jul 25 j 13:56	26°♊03'15	
max. Earth dist.	-6002 Aug 05 j 17:14	28°♊31'22	6.35894 AU
conjunction	-6002 Aug 07 j 06:45	28°♊52'13	1°22'31
minimum elong	-6002 Aug 07 j 06:43	28°♊52'12	1°22'54
	-6002 Aug 12 j 08:36	0°♋	
morning rise	-6002 Aug 19 j 20:38	1°♋39'52	
retrograde	-6002 Dec 19 j 03:04	18°♋58'26	
opposition	-6001 Feb 17 j 21:44	14°♋07'00	2°09'17
min. Earth dist.	-6001 Feb 19 j 01:10	13°♋58'16	4.33816 AU
direct	-6001 Apr 21 j 08:51	9°♋07'34	
evening set	-6001 Aug 25 j 18:27	27°♋11'49	
max. Earth dist.	-6001 Sep 05 j 17:26	29°♋39'59	6.30421 AU
conjunction	-6001 Sep 07 j 06:02	0°♌00'40	1°27'51
minimum elong	-6001 Sep 07 j 06:03	0°♌00'41	1°28'10
	-6001 Sep 07 j 04:51	0°♌	
morning rise	-6001 Sep 19 j 16:23	2°♌49'01	
	-6001 Nov 18 j 22:45	15°♌	
retrograde	-6000 Jan 21 j 06:05	20°♌40'09	
opposition	-6000 Mar 22 j 08:47	15°♌47'40	1°58'34
min. Earth dist.	-6000 Mar 23 j 08:28	15°♌40'09	4.26403 AU
	-6000 Mar 28 j 15:22	15°℞♌	
direct	-6000 May 23 j 04:31	10°♌51'07	
	-6000 Jul 15 j 18:31	15°♌	
evening set	-6000 Sep 25 j 06:06	29°♌07'12	
	-6000 Sep 29 j 02:14	0°♍	

Attention, astronomical year style is used: The year -6000 in astronomical counting style is the year 6001 BCE in historical counting style.

conjunction	-6000 Oct 07 j 18:22	1°♍59'50	1°06'54	
minimum elong	-6000 Oct 07 j 18:26	1°♍59'53	1°07'07	
max. Earth dist.	-6000 Oct 06 j 18:08	1°♍45'53	6.21700 AU	
morning rise	-6000 Oct 20 j 06:59	4°♍52'52		
retrograde	-5999 Feb 23 j 21:33	23°♍31'13		
opposition	-5999 Apr 26 j 03:52	18°♍35'57	1°10'09	
min. Earth dist.	-5999 Apr 26 j 14:11	18°♍32'39	4.16893 AU	
direct	-5999 Jun 25 j 18:18	13°♍41'57		
	-5999 Oct 18 j 01:16	0°♎		
evening set	-5999 Oct 27 j 19:37	2°♎15'27		
conjunction	-5999 Nov 09 j 13:09	5°♎14'24	0°23'54	
minimum elong	-5999 Nov 09 j 13:11	5°♎14'26	0°23'54	
max. Earth dist.	-5999 Nov 09 j 09:09	5°♎12'04	6.12320 AU	
morning rise	-5999 Nov 22 j 08:50	8°♎14'39		
retrograde	-5998 Apr 01 j 02:33	27°♎43'03		
desc. node	-5998 May 11 j 00:08	25°♎20'25		
opposition	-5998 Jun 01 j 01:56	22°♎43'54	-0°04'13	
min. Earth dist.	-5998 May 31 j 20:20	22°♎45'43	4.08333 AU	
direct	-5998 Jul 30 j 09:40	17°♎50'58		
	-5998 Nov 01 j 13:15	0°♏		
evening set	-5998 Dec 01 j 01:10	6°♏43'53		
conjunction	-5998 Dec 14 j 02:25	9°♏49'13	-0°28'34	
minimum elong	-5998 Dec 14 j 02:23	9°♏49'11	0°28'47	
max. Earth dist.	-5998 Dec 14 j 22:10	10°♏00'55	6.05391 AU	
morning rise	-5998 Dec 27 j 06:52	12°♏56'21		
	-5997 Jan 05 j 02:28	15°♏		
	-5997 Mar 24 j 09:23	0°♐		
retrograde	-5997 May 07 j 23:14	2°♐59'51		
	-5997 Jun 21 j 15:06	30°℞♏		
opposition	-5997 Jul 07 j 10:42	27°♏57'01	-1°19'20	
min. Earth dist.	-5997 Jul 06 j 14:24	28°♏03'47	4.03790 AU	
direct	-5997 Sep 03 j 18:21	23°♏03'13		
	-5997 Nov 10 j 13:57	0°♐		
evening set	-5996 Jan 05 j 23:35	12°♐10'50		
conjunction	-5996 Jan 19 j 08:11	15°♐20'07	-1°11'26	
minimum elong	-5996 Jan 19 j 08:07	15°♐20'04	1°11'47	
max. Earth dist.	-5996 Jan 20 j 20:52	15°♐41'48	6.03531 AU	
morning rise	-5996 Feb 01 j 20:13	18°♐31'07		
	-5996 Mar 25 j 13:21	0°♑		
retrograde	-5996 Jun 12 j 11:55	8°♑38'25		
min. Earth dist.	-5996 Aug 10 j 06:20	3°♑42'35	4.04967 AU	
opposition	-5996 Aug 11 j 09:18	3°♑33'24	-2°05'18	
	-5996 Sep 09 j 18:20	30°℞♐		
direct	-5996 Oct 08 j 11:27	28°♐36'49		
	-5996 Nov 06 j 06:24	0°♑		
evening set	-5995 Feb 10 j 20:50	17°♑46'54		
conjunction	-5995 Feb 24 j 11:41	20°♑56'58	-1°27'47	
minimum elong	-5995 Feb 24 j 11:42	20°♑56'58	1°28'08	
max. Earth dist.	-5995 Feb 26 j 06:12	21°♑21'44	6.07519 AU	
morning rise	-5995 Mar 10 j 04:31	24°♑07'58		
	-5995 Apr 05 j 05:56	0°♒		
retrograde	-5995 Jul 17 j 18:41	13°♒43'46		
min. Earth dist.	-5995 Sep 14 j 04:48	8°♒47'10	4.11399 AU	
opposition	-5995 Sep 15 j 04:11	8°♒39'10	-2°04'30	
direct	-5995 Nov 12 j 19:02	3°♒39'11		
	-5994 Feb 12 j 16:13	15°♒		
evening set	-5994 Mar 19 j 13:22	22°♒37'21		
conjunction	-5994 Apr 02 j 07:23	25°♒45'12	-1°12'13	
minimum elong	-5994 Apr 02 j 07:27	25°♒45'15	1°12'28	
max. Earth dist.	-5994 Apr 03 j 13:10	26°♒02'11	6.15821 AU	
morning rise	-5994 Apr 16 j 01:45	28°♒53'00		
	-5994 Apr 21 j 00:38	0°♓		
retrograde	-5994 Aug 20 j 06:16	17°♓36'11		
opposition	-5994 Oct 18 j 13:02	12°♓34'16	-1°20'48	
min. Earth dist.	-5994 Oct 17 j 23:58	12°♓38'43	4.20669 AU	
direct	-5994 Dec 17 j 05:52	7°♓31'32		
evening set	-5993 Apr 24 j 01:27	26°♓09'14		
conjunction	-5993 May 07 j 18:08	29°♓12'32	-0°32'44	
minimum elong	-5993 May 07 j 18:10	29°♓12'34	0°32'46	
max. Earth dist.	-5993 May 08 j 03:10	29°♓17'35	6.25425 AU	
	-5993 May 11 j 07:01	0°♈		
morning rise	-5993 May 21 j 08:50	2°♈14'44		
retrograde	-5993 Sep 21 j 08:47	20°♈06'23		
opposition	-5993 Nov 19 j 18:23	15°♈08'19	-0°13'09	
min. Earth dist.	-5993 Nov 19 j 20:02	15°♈07'46	4.29680 AU	
direct	-5992 Jan 19 j 18:17	10°♈04'24		
asc. node	-5992 Jan 30 j 20:19	10°♈15'53		
evening set	-5992 May 26 j 23:51	28°♈21'46		
	-5992 Jun 03 j 10:27	0°♉		
conjunction	-5992 Jun 09 j 09:49	1°♉19'09	0°15'57	
minimum elong	-5992 Jun 09 j 09:48	1°♉19'09	0°16'07	
max. Earth dist.	-5992 Jun 08 j 19:35	1°♉11'18	6.33191 AU	
morning rise	-5992 Jun 22 j 16:40	4°♉14'54		
	-5992 Aug 14 j 22:47	15°♉		
retrograde	-5992 Oct 21 j 13:52	21°♉32'16		
opposition	-5992 Dec 20 j 09:24	16°♉37'45	0°56'10	
min. Earth dist.	-5992 Dec 21 j 00:40	16°♉32'46	4.35668 AU	
	-5991 Jan 02 j 02:05	15°℞♉		
direct	-5991 Feb 20 j 10:13	11°♉34'12		
	-5991 Apr 10 j 18:52	15°♉		
evening set	-5991 Jun 28 j 11:53	29°♉38'11		
	-5991 Jun 30 j 03:46	0°♊		
max. Earth dist.	-5991 Jul 10 j 06:10	2°♊13'24	6.36882 AU	
conjunction	-5991 Jul 11 j 12:19	2°♊30'03	0°58'56	
minimum elong	-5991 Jul 11 j 12:15	2°♊30'01	0°59'14	
morning rise	-5991 Jul 24 j 09:12	5°♊20'13		
retrograde	-5991 Nov 21 j 18:25	22°♊27'19		
opposition	-5990 Jan 21 j 02:31	17°♊35'14	1°48'24	
min. Earth dist.	-5990 Jan 22 j 03:23	17°♊27'14	4.36950 AU	
direct	-5990 Mar 24 j 16:15	12°♊33'29		
	-5990 Jul 27 j 11:44	0°♋		
evening set	-5990 Jul 30 j 00:10	0°♋33'18		
max. Earth dist.	-5990 Aug 10 j 00:41	3°♋00'09	6.35515 AU	
conjunction	-5990 Aug 11 j 15:48	3°♋21'56	1°24'49	
minimum elong	-5990 Aug 11 j 15:46	3°♋21'55	1°25'12	
morning rise	-5990 Aug 24 j 04:59	6°♋09'24		
retrograde	-5990 Dec 23 j 17:25	23°♋30'48		
opposition	-5989 Feb 22 j 13:10	18°♋39'16	2°10'07	
min. Earth dist.	-5989 Feb 23 j 17:06	18°♋30'23	4.33132 AU	
direct	-5989 Apr 26 j 00:03	13°♋40'07		
	-5989 Aug 22 j 07:38	0°♌		
evening set	-5989 Aug 30 j 03:51	1°♌45'03		
max. Earth dist.	-5989 Sep 10 j 04:30	4°♌14'27	6.29471 AU	
conjunction	-5989 Sep 11 j 15:20	4°♌34'11	1°26'27	
minimum elong	-5989 Sep 11 j 15:21	4°♌34'12	1°26'47	
morning rise	-5989 Sep 24 j 01:32	7°♌22'53		
	-5989 Oct 29 j 09:22	15°♌		
retrograde	-5988 Jan 25 j 23:19	25°♌19'28		
opposition	-5988 Mar 27 j 04:05	20°♌26'39	1°53'53	
min. Earth dist.	-5988 Mar 28 j 01:50	20°♌19'44	4.25234 AU	
direct	-5988 May 27 j 19:42	15°♌30'28		
	-5988 Sep 12 j 21:04	0°♍		
evening set	-5988 Sep 29 j 17:50	3°♍48'21		
max. Earth dist.	-5988 Oct 11 j 07:52	6°♍28'39	6.20409 AU	

Attention, astronomical year style is used: The year -5988 in astronomical counting style is the year 5989 BCE in historical counting style.

conjunction	-5988 Oct 12 j 06:27	6°♍41'42	1°01'59
minimum elong	-5988 Oct 12 j 06:31	6°♍41'44	1°02'09
morning rise	-5988 Oct 24 j 19:52	9°♍35'37	
retrograde	-5987 Feb 28 j 22:20	28°♍21'01	
opposition	-5987 May 01 j 03:22	23°♍25'13	1°00'49
min. Earth dist.	-5987 May 01 j 12:17	23°♍22'21	4.15546 AU
direct	-5987 Jun 30 j 14:09	18°♍31'22	
	-5987 Sep 30 j 19:57	0°♎	
evening set	-5987 Nov 01 j 12:14	7°♎07'42	
conjunction	-5987 Nov 14 j 06:52	10°♎07'39	0°16'43
minimum elong	-5987 Nov 14 j 06:53	10°♎07'40	0°16'41
max. Earth dist.	-5987 Nov 14 j 06:11	10°♎07'15	6.11053 AU
morning rise	-5987 Nov 27 j 03:44	13°♎08'59	
	-5986 Feb 22 j 12:33	0°♏	
desc. node	-5986 Mar 21 j 00:54	2°♏19'12	
retrograde	-5986 Apr 06 j 06:04	2°♏43'52	
	-5986 May 19 j 05:19	30°℞♎	
opposition	-5986 Jun 06 j 04:14	27°♎44'10	-0°15'27
min. Earth dist.	-5986 Jun 05 j 20:17	27°♎46'46	4.07270 AU
direct	-5986 Aug 04 j 07:07	22°♎51'15	
	-5986 Oct 12 j 15:18	0°♏	
evening set	-5986 Dec 06 j 00:18	11°♏47'12	
conjunction	-5986 Dec 19 j 02:34	14°♏53'21	-0°35'38
minimum elong	-5986 Dec 19 j 02:31	14°♏53'19	0°35'53
	-5986 Dec 19 j 13:47	15°♏	
max. Earth dist.	-5986 Dec 20 j 00:02	15°♏06'05	6.04606 AU
morning rise	-5985 Jan 01 j 08:17	18°♏01'20	
	-5985 Feb 25 j 12:32	0°♐	
retrograde	-5985 May 13 j 03:57	8°♐08'23	
opposition	-5985 Jul 12 j 13:40	3°♐05'04	-1°28'13
min. Earth dist.	-5985 Jul 11 j 15:48	3°♐12'24	4.03375 AU
	-5985 Aug 06 j 13:19	30°℞♏	
direct	-5985 Sep 08 j 19:31	28°♏10'56	
	-5985 Oct 11 j 21:43	0°♐	
evening set	-5984 Jan 11 j 03:58	17°♐20'37	
conjunction	-5984 Jan 24 j 13:44	20°♐30'22	-1°15'38
minimum elong	-5984 Jan 24 j 13:40	20°♐30'20	1°16'00
max. Earth dist.	-5984 Jan 26 j 05:33	20°♐53'53	6.03518 AU
morning rise	-5984 Feb 07 j 02:31	23°♐41'41	
	-5984 Mar 05 j 18:41	0°♑	
retrograde	-5984 Jun 17 j 16:07	13°♑47'32	
min. Earth dist.	-5984 Aug 15 j 07:26	8°♑51'33	4.05388 AU
opposition	-5984 Aug 16 j 10:09	8°♑42'28	-2°08'11
direct	-5984 Oct 13 j 12:42	3°♑45'28	
evening set	-5983 Feb 16 j 03:24	22°♑55'26	
conjunction	-5983 Mar 01 j 18:47	26°♑05'25	-1°27'26
minimum elong	-5983 Mar 01 j 18:48	26°♑05'26	1°27'47
max. Earth dist.	-5983 Mar 03 j 12:04	26°♑29'24	6.08334 AU
morning rise	-5983 Mar 15 j 12:17	29°♑16'16	
	-5983 Mar 18 j 16:20	0°♒	
	-5983 Jun 03 j 00:14	15°♒	
retrograde	-5983 Jul 22 j 15:04	18°♒45'54	
	-5983 Sep 10 j 08:44	15°℞♒	
min. Earth dist.	-5983 Sep 19 j 01:23	13°♒49'33	4.12556 AU
opposition	-5983 Sep 20 j 00:43	13°♒41'34	-2°00'32
direct	-5983 Nov 17 j 17:52	8°♒41'11	
	-5982 Jan 22 j 10:41	15°♒	
evening set	-5982 Mar 24 j 17:17	27°♒36'49	
	-5982 Apr 04 j 05:53	0°♓	
conjunction	-5982 Apr 07 j 11:29	0°♓44'08	-1°07'44
minimum elong	-5982 Apr 07 j 11:34	0°♓44'10	1°07'57
max. Earth dist.	-5982 Apr 08 j 16:01	1°♓00'21	6.17278 AU
morning rise	-5982 Apr 21 j 05:32	3°♓51'11	
retrograde	-5982 Aug 24 j 22:50	22°♓25'59	
opposition	-5982 Oct 23 j 05:06	17°♓24'36	-1°12'05
min. Earth dist.	-5982 Oct 22 j 18:03	17°♓28'20	4.22285 AU
direct	-5982 Dec 22 j 03:22	12°♓21'40	
	-5981 Apr 24 j 19:45	0°♈	
evening set	-5981 Apr 28 j 23:26	0°♈55'00	
conjunction	-5981 May 12 j 15:22	3°♈57'20	-0°26'03
minimum elong	-5981 May 12 j 15:24	3°♈57'21	0°26'03
max. Earth dist.	-5981 May 12 j 21:50	4°♈00'56	6.27091 AU
morning rise	-5981 May 26 j 05:10	6°♈58'26	
retrograde	-5981 Sep 25 j 17:47	24°♈42'25	
opposition	-5981 Nov 24 j 06:05	19°♈44'51	-0°03'03
min. Earth dist.	-5981 Nov 24 j 08:53	19°♈43'55	4.31268 AU
asc. node	-5981 Dec 10 j 23:16	17°♈36'01	
direct	-5980 Jan 24 j 10:11	14°♈40'54	
	-5980 May 18 j 05:22	0°♉	
evening set	-5980 May 31 j 15:02	2°♉53'54	
conjunction	-5980 Jun 13 j 23:39	5°♉50'09	0°22'33
minimum elong	-5980 Jun 13 j 23:37	5°♉50'08	0°22'44
max. Earth dist.	-5980 Jun 13 j 07:26	5°♉41'13	6.34586 AU
morning rise	-5980 Jun 27 j 04:58	8°♉44'43	
	-5980 Jul 26 j 17:05	15°♉	
retrograde	-5980 Oct 25 j 20:58	25°♉57'06	
opposition	-5980 Dec 24 j 18:28	21°♉03'04	1°04'40
min. Earth dist.	-5980 Dec 25 j 11:46	20°♉57'26	4.36767 AU
direct	-5979 Feb 24 j 23:24	15°♉59'43	
	-5979 Jun 14 j 05:11	0°♊	
evening set	-5979 Jul 02 j 21:04	4°♊00'26	
max. Earth dist.	-5979 Jul 14 j 10:43	6°♊33'04	6.37568 AU
conjunction	-5979 Jul 15 j 20:01	6°♊51'25	1°03'39
minimum elong	-5979 Jul 15 j 19:57	6°♊51'23	1°03'59
morning rise	-5979 Jul 28 j 15:40	9°♊40'47	
retrograde	-5979 Nov 26 j 01:03	26°♊46'43	
opposition	-5978 Jan 25 j 11:21	21°♊54'48	1°53'16
min. Earth dist.	-5978 Jan 26 j 13:34	21°♊46'24	4.37192 AU
direct	-5978 Mar 29 j 02:14	16°♊53'18	
	-5978 Jul 11 j 16:32	0°♋	
evening set	-5978 Aug 03 j 05:33	4°♋51'56	
max. Earth dist.	-5978 Aug 14 j 05:32	7°♋18'36	6.35276 AU
conjunction	-5978 Aug 15 j 20:23	7°♋40'16	1°26'31
minimum elong	-5978 Aug 15 j 20:21	7°♋40'15	1°26'52
morning rise	-5978 Aug 28 j 08:38	10°♋27'29	
retrograde	-5978 Dec 28 j 02:22	27°♋51'42	
opposition	-5977 Feb 27 j 00:10	23°♋00'11	2°10'08
min. Earth dist.	-5977 Feb 28 j 04:23	22°♋51'14	4.32418 AU
direct	-5977 Apr 30 j 09:23	18°♋01'26	
	-5977 Aug 06 j 06:42	0°♌	
evening set	-5977 Sep 03 j 09:12	6°♌07'32	
max. Earth dist.	-5977 Sep 14 j 08:18	8°♌36'33	6.28327 AU
conjunction	-5977 Sep 15 j 20:21	8°♌57'02	1°24'36
minimum elong	-5977 Sep 15 j 20:24	8°♌57'03	1°24'55
morning rise	-5977 Sep 28 j 06:49	11°♌46'17	
	-5977 Oct 12 j 18:01	15°♌	
retrograde	-5976 Jan 30 j 15:27	29°♌49'23	
opposition	-5976 Mar 31 j 19:28	24°♌56'18	1°48'43
min. Earth dist.	-5976 Apr 01 j 16:55	24°♌49'27	4.23713 AU
direct	-5976 Jun 01 j 07:40	20°♌00'24	
	-5976 Aug 26 j 20:27	0°♍	
evening set	-5976 Oct 04 j 02:33	8°♍21'52	
conjunction	-5976 Oct 16 j 16:00	11°♍16'16	0°56'50

Attention, astronomical year style is used: The year -5976 in astronomical counting style is the year 5977 BCE in historical counting style.

minimum elong	-5976 Oct 16 j 16:04	11°♍16'19	0°56'59
max. Earth dist.	-5976 Oct 15 j 19:54	11°♍04'37	6.18663 AU
morning rise	-5976 Oct 29 j 06:12	14°♍11'19	
	-5975 Jan 19 j 01:56	0°♎	
retrograde	-5975 Mar 05 j 20:33	3°♎05'36	
	-5975 Apr 21 j 08:00	30°℞♍	
opposition	-5975 May 06 j 00:21	28°♍09'23	0°51'19
min. Earth dist.	-5975 May 06 j 07:30	28°♍07'04	4.13703 AU
direct	-5975 Jul 05 j 05:16	23°♍15'49	
	-5975 Sep 11 j 05:19	0°♎	
evening set	-5975 Nov 06 j 03:57	11°♎57'14	
conjunction	-5975 Nov 18 j 23:34	14°♎58'26	0°09'34
minimum elong	-5975 Nov 18 j 23:35	14°♎58'27	0°09'30
behind sun begin	-5975 Nov 18 j 16:51	14°♎54'29	
behind sun end	-5975 Nov 19 j 06:20	15°♎02'25	
max. Earth dist.	-5975 Nov 19 j 00:38	14°♎59'03	6.09282 AU
morning rise	-5975 Dec 01 j 21:53	18°♎01'10	
	-5974 Jan 26 j 13:24	0°♏	
desc. node	-5974 Jan 29 j 22:48	0°♏37'03	
retrograde	-5974 Apr 11 j 09:31	7°♏44'43	
opposition	-5974 Jun 11 j 06:02	2°♏44'27	-0°26'26
min. Earth dist.	-5974 Jun 10 j 19:33	2°♏47'54	4.05733 AU
	-5974 Jul 03 j 10:10	30°℞♎	
direct	-5974 Aug 09 j 04:34	27°♎51'30	
	-5974 Sep 14 j 11:57	0°♏	
	-5974 Dec 03 j 00:42	15°♏	
evening set	-5974 Dec 11 j 00:18	16°♏52'33	
conjunction	-5974 Dec 24 j 03:58	19°♏59'46	-0°42'24
minimum elong	-5974 Dec 24 j 03:54	19°♏59'44	0°42'39
max. Earth dist.	-5974 Dec 25 j 06:10	20°♏15'21	6.03458 AU
morning rise	-5973 Jan 06 j 10:49	23°♏08'48	
	-5973 Feb 05 j 10:46	0°♐	
retrograde	-5973 May 18 j 11:39	13°♐20'20	
opposition	-5973 Jul 17 j 17:16	8°♐16'39	-1°36'23
min. Earth dist.	-5973 Jul 16 j 18:15	8°♐24'23	4.02763 AU
direct	-5973 Sep 13 j 21:12	3°♐22'13	
evening set	-5972 Jan 16 j 10:31	22°♐34'43	
conjunction	-5972 Jan 29 j 21:09	25°♐44'53	-1°19'13
minimum elong	-5972 Jan 29 j 21:06	25°♐44'51	1°19'35
max. Earth dist.	-5972 Jan 31 j 13:59	26°♐08'58	6.03466 AU
morning rise	-5972 Feb 12 j 11:02	28°♐56'37	
	-5972 Feb 16 j 23:41	0°♑	
retrograde	-5972 Jun 22 j 17:59	19°♑00'21	
min. Earth dist.	-5972 Aug 20 j 07:22	14°♑04'43	4.05910 AU
opposition	-5972 Aug 21 j 11:33	13°♑55'06	-2°10'00
direct	-5972 Oct 18 j 14:07	8°♑57'35	
evening set	-5971 Feb 21 j 10:56	28°♑06'46	
	-5971 Mar 01 j 14:57	0°♒	
conjunction	-5971 Mar 07 j 03:04	1°♒16'34	-1°26'23
minimum elong	-5971 Mar 07 j 03:06	1°♒16'35	1°26'43
max. Earth dist.	-5971 Mar 08 j 20:30	1°♒40'35	6.09361 AU
morning rise	-5971 Mar 20 j 20:49	4°♒27'03	
	-5971 May 08 j 22:01	15°♒	
retrograde	-5971 Jul 27 j 13:20	23°♒49'18	
opposition	-5971 Sep 24 j 21:32	18°♒45'10	-1°55'38
min. Earth dist.	-5971 Sep 23 j 23:58	18°♒52'32	4.13921 AU
	-5971 Oct 26 j 04:18	15°℞♒	
direct	-5971 Nov 22 j 19:26	13°♒44'16	
	-5971 Dec 20 j 16:58	15°♒	
	-5970 Mar 18 j 04:54	0°♓	
evening set	-5970 Mar 29 j 21:00	2°♓36'20	
conjunction	-5970 Apr 12 j 15:13	5°♓42'59	-1°02'45
minimum elong	-5970 Apr 12 j 15:17	5°♓43'01	1°02'55
max. Earth dist.	-5970 Apr 13 j 17:50	5°♓58'02	6.18840 AU
morning rise	-5970 Apr 26 j 08:56	8°♓49'11	
retrograde	-5970 Aug 29 j 12:40	27°♓15'15	
opposition	-5970 Oct 27 j 20:28	22°♓14'19	-1°02'53
min. Earth dist.	-5970 Oct 27 j 10:24	22°♓17'43	4.23863 AU
direct	-5970 Dec 26 j 22:41	17°♓11'04	
	-5969 Apr 07 j 11:53	0°♈	
evening set	-5969 May 03 j 21:10	5°♈40'27	
conjunction	-5969 May 17 j 12:13	8°♈41'49	-0°19'10
minimum elong	-5969 May 17 j 12:15	8°♈41'50	0°19'08
max. Earth dist.	-5969 May 17 j 14:40	8°♈43'10	6.28557 AU
morning rise	-5969 May 31 j 01:02	11°♈41'53	
retrograde	-5969 Sep 30 j 05:39	29°♈19'15	
asc. node	-5969 Oct 20 j 07:26	28°♈39'35	
opposition	-5969 Nov 28 j 18:09	24°♈22'13	0°07'09
min. Earth dist.	-5969 Nov 28 j 24:00	24°♈20'17	4.32491 AU
direct	-5968 Jan 29 j 03:38	19°♈18'13	
	-5968 Apr 30 j 14:10	0°♉	
evening set	-5968 Jun 05 j 06:41	7°♉28'14	
conjunction	-5968 Jun 18 j 14:04	10°♉23'37	0°29'08
minimum elong	-5968 Jun 18 j 14:02	10°♉23'35	0°29'21
max. Earth dist.	-5968 Jun 17 j 18:57	10°♉13'05	6.35453 AU
morning rise	-5968 Jul 01 j 17:59	13°♉17'15	
	-5968 Jul 09 j 14:54	15°♉	
	-5968 Oct 13 j 14:25	0°♊	
retrograde	-5968 Oct 30 j 05:40	0°♊26'45	
	-5968 Nov 15 j 21:38	30°℞♉	
opposition	-5968 Dec 29 j 05:39	25°♉33'03	1°13'04
min. Earth dist.	-5968 Dec 30 j 00:03	25°♉27'04	4.37247 AU
direct	-5967 Mar 01 j 12:04	20°♉29'50	
	-5967 May 27 j 08:30	0°♊	
evening set	-5967 Jul 07 j 08:37	8°♊29'24	
max. Earth dist.	-5967 Jul 18 j 19:35	11°♊00'39	6.37613 AU
conjunction	-5967 Jul 20 j 06:13	11°♊19'47	1°08'11
minimum elong	-5967 Jul 20 j 06:09	11°♊19'45	1°08'32
morning rise	-5967 Aug 02 j 00:33	14°♊08'35	
	-5967 Nov 02 j 00:54	0°♋	
retrograde	-5967 Nov 30 j 12:50	1°♋15'32	
	-5967 Dec 29 j 02:59	30°℞♊	
opposition	-5966 Jan 30 j 00:19	26°♊23'50	1°57'47
min. Earth dist.	-5966 Jan 31 j 03:57	26°♊15'00	4.36814 AU
direct	-5966 Apr 02 j 15:54	21°♊22'40	
	-5966 Jun 23 j 11:20	0°♋	
evening set	-5966 Aug 07 j 15:28	9°♋21'55	
max. Earth dist.	-5966 Aug 18 j 12:51	11°♋47'32	6.34482 AU
conjunction	-5966 Aug 20 j 05:25	12°♋10'12	1°27'49
minimum elong	-5966 Aug 20 j 05:23	12°♋10'11	1°28'11
morning rise	-5966 Sep 01 j 17:11	14°♋57'29	
	-5966 Nov 22 j 10:54	0°♌	
retrograde	-5965 Jan 01 j 18:24	2°♌26'20	
	-5965 Feb 11 j 16:39	30°℞♋	
opposition	-5965 Mar 03 j 17:05	27°♋34'41	2°09'28
min. Earth dist.	-5965 Mar 04 j 20:47	27°♋25'53	4.31274 AU
direct	-5965 May 04 j 23:29	22°♋36'17	
	-5965 Jul 18 j 03:22	0°♌	
evening set	-5965 Sep 07 j 20:05	10°♌44'38	
max. Earth dist.	-5965 Sep 18 j 22:05	13°♌15'43	6.26937 AU
conjunction	-5965 Sep 20 j 07:24	13°♌34'43	1°22'10
minimum elong	-5965 Sep 20 j 07:27	13°♌34'44	1°22'27
	-5965 Sep 26 j 13:00	15°♌	
morning rise	-5965 Oct 02 j 17:56	16°♌24'37	

Attention, astronomical year style is used: The year -5965 in astronomical counting style is the year 5966 BCE in historical counting style.

	-5965 Dec 10 j 03:00	0°♍	
retrograde	-5964 Feb 04 j 13:44	4°♍34'57	
	-5964 Apr 03 j 07:49	30°℞♌	
opposition	-5964 Apr 05 j 17:47	29°♌41'33	1°42'31
min. Earth dist.	-5964 Apr 06 j 13:52	29°♌35'09	4.22171 AU
direct	-5964 Jun 06 j 01:44	24°♌46'07	
	-5964 Aug 05 j 07:12	0°♍	
evening set	-5964 Oct 08 j 17:32	13°♍10'45	
conjunction	-5964 Oct 21 j 07:32	16°♍06'06	0°51'01
minimum elong	-5964 Oct 21 j 07:36	16°♍06'08	0°51'08
max. Earth dist.	-5964 Oct 20 j 13:08	15°♍55'23	6.17120 AU
morning rise	-5964 Nov 02 j 22:53	19°♍02'17	
	-5964 Dec 24 j 02:41	0°♎	
retrograde	-5963 Mar 10 j 23:56	8°♎04'33	
opposition	-5963 May 11 j 03:26	3°♎07'47	0°40'54
min. Earth dist.	-5963 May 11 j 07:26	3°♎06'29	4.12295 AU
	-5963 Jun 06 j 11:43	30°℞♍	
direct	-5963 Jul 10 j 03:32	28°♍14'27	
	-5963 Aug 12 j 10:46	0°♎	
evening set	-5963 Nov 11 j 00:56	16°♎59'06	
conjunction	-5963 Nov 23 j 21:47	20°♎01'18	0°01'59
minimum elong	-5963 Nov 23 j 21:49	20°♎01'19	0°01'53
behind sun begin	-5963 Nov 23 j 13:43	19°♎56'33	
behind sun end	-5963 Nov 24 j 05:55	20°♎06'05	
max. Earth dist.	-5963 Nov 24 j 04:15	20°♎05'06	6.08175 AU
morning rise	-5963 Dec 06 j 21:13	23°♎05'03	
desc. node	-5963 Dec 08 j 13:05	23°♎28'25	
	-5962 Jan 06 j 07:58	0°♏	
retrograde	-5962 Apr 16 j 17:37	12°♏54'07	
opposition	-5962 Jun 16 j 11:22	7°♏53'22	-0°37'38
min. Earth dist.	-5962 Jun 15 j 22:59	7°♏57'27	4.05063 AU
direct	-5962 Aug 14 j 06:56	3°♏00'23	
	-5962 Nov 15 j 06:20	15°♏	
evening set	-5962 Dec 16 j 03:14	22°♏03'12	
conjunction	-5962 Dec 29 j 07:46	25°♏10'55	-0°48'59
minimum elong	-5962 Dec 29 j 07:42	25°♏10'53	0°49'16
max. Earth dist.	-5962 Dec 30 j 12:07	25°♏27'45	6.03266 AU
morning rise	-5961 Jan 11 j 15:52	28°♏20'31	
	-5961 Jan 18 j 17:35	0°♐	
retrograde	-5961 May 23 j 15:45	18°♐32'20	
opposition	-5961 Jul 22 j 20:47	13°♐28'16	-1°43'48
min. Earth dist.	-5961 Jul 21 j 19:21	13°♐36'50	4.03105 AU
direct	-5961 Sep 18 j 22:39	8°♐33'29	
evening set	-5960 Jan 21 j 16:01	27°♐45'19	
	-5960 Jan 31 j 05:22	0°♑	
conjunction	-5960 Feb 04 j 03:32	0°♑55'27	-1°22'10
minimum elong	-5960 Feb 04 j 03:30	0°♑55'26	1°22'32
max. Earth dist.	-5960 Feb 05 j 22:04	1°♑20'30	6.04282 AU
morning rise	-5960 Feb 17 j 17:57	4°♑07'01	
retrograde	-5960 Jun 27 j 18:24	24°♑05'27	
min. Earth dist.	-5960 Aug 25 j 07:14	19°♑09'25	4.07106 AU
opposition	-5960 Aug 26 j 10:13	19°♑00'12	-2°10'46
direct	-5960 Oct 23 j 15:38	14°♑02'12	
	-5959 Feb 12 j 19:18	0°♒	
evening set	-5959 Feb 26 j 14:54	3°♒08'27	
conjunction	-5959 Mar 12 j 07:31	6°♒17'49	-1°24'44
minimum elong	-5959 Mar 12 j 07:34	6°♒17'51	1°25'03
max. Earth dist.	-5959 Mar 14 j 00:01	6°♒41'11	6.10818 AU
morning rise	-5959 Mar 26 j 01:28	9°♒27'43	
	-5959 Apr 19 j 20:15	15°♒	
retrograde	-5959 Aug 01 j 05:32	28°♒41'28	
opposition	-5959 Sep 29 j 13:55	23°♒37'44	-1°50'05
min. Earth dist.	-5959 Sep 28 j 17:09	23°♒44'49	4.15486 AU
direct	-5959 Nov 27 j 14:51	18°♒36'27	
	-5958 Feb 28 j 13:51	0°♓	
evening set	-5958 Apr 03 j 20:17	7°♓24'49	
conjunction	-5958 Apr 17 j 14:15	10°♓30'44	-0°57'30
minimum elong	-5958 Apr 17 j 14:19	10°♓30'47	0°57'40
max. Earth dist.	-5958 Apr 18 j 12:09	10°♓43'06	6.20386 AU
morning rise	-5958 May 01 j 07:39	13°♓36'08	
	-5958 Jul 30 j 08:45	0°♈	
retrograde	-5958 Sep 03 j 01:05	1°♈54'25	
	-5958 Oct 07 j 11:17	30°℞♓	
opposition	-5958 Nov 01 j 08:24	26°♓54'03	-0°53'38
min. Earth dist.	-5958 Nov 01 j 01:37	26°♓56'20	4.25232 AU
direct	-5958 Dec 31 j 16:08	21°♓50'36	
	-5957 Mar 19 j 14:13	0°♈	
evening set	-5957 May 08 j 14:42	10°♈17'01	
conjunction	-5957 May 22 j 05:06	13°♈17'38	-0°12'23
minimum elong	-5957 May 22 j 05:07	13°♈17'38	0°12'20
behind sun begin	-5957 May 21 j 23:46	13°♈14'41	
behind sun end	-5957 May 22 j 10:27	13°♈20'35	
max. Earth dist.	-5957 May 22 j 04:53	13°♈17'31	6.29654 AU
morning rise	-5957 Jun 04 j 16:45	16°♈16'49	
	-5957 Aug 15 j 06:29	0°♉	
asc. node	-5957 Aug 30 j 19:47	1°♉55'33	
retrograde	-5957 Oct 04 j 13:30	3°♉49'28	
	-5957 Nov 24 j 15:19	30°℞♈	
opposition	-5957 Dec 03 j 03:48	28°♈53'00	0°17'01
min. Earth dist.	-5957 Dec 03 j 11:00	28°♈50'37	4.33246 AU
direct	-5956 Feb 02 j 15:18	23°♈49'03	
	-5956 Apr 10 j 08:05	0°♉	
evening set	-5956 Jun 09 j 20:07	11°♉57'52	
max. Earth dist.	-5956 Jun 22 j 03:08	14°♉39'54	6.35807 AU
conjunction	-5956 Jun 23 j 02:05	14°♉52'33	0°35'24
minimum elong	-5956 Jun 23 j 02:02	14°♉52'31	0°35'38
	-5956 Jun 23 j 15:37	15°♉	
morning rise	-5956 Jul 06 j 04:46	17°♉45'31	
	-5956 Sep 06 j 19:01	0°♊	
retrograde	-5956 Nov 03 j 16:17	4°♊54'08	
opposition	-5955 Jan 02 j 16:07	0°♊00'53	1°20'55
	-5955 Jan 02 j 18:50	30°℞♉	
min. Earth dist.	-5955 Jan 03 j 13:10	29°♉54'03	4.37200 AU
direct	-5955 Mar 06 j 01:06	24°♉57'54	
	-5955 May 05 j 20:54	0°♊	
evening set	-5955 Jul 11 j 19:27	12°♊58'00	
max. Earth dist.	-5955 Jul 23 j 03:52	15°♊28'08	6.37151 AU
conjunction	-5955 Jul 24 j 15:56	15°♊48'04	1°12'16
minimum elong	-5955 Jul 24 j 15:53	15°♊48'02	1°12'37
morning rise	-5955 Aug 06 j 09:09	18°♊36'36	
	-5955 Oct 02 j 11:04	0°♋	
retrograde	-5955 Dec 05 j 00:46	5°♋46'22	
opposition	-5954 Feb 03 j 14:05	0°♋54'47	2°01'36
min. Earth dist.	-5954 Feb 04 j 17:23	0°♋46'03	4.36006 AU
	-5954 Feb 10 j 18:27	30°℞♊	
direct	-5954 Apr 07 j 03:36	25°♊54'00	
	-5954 May 31 j 11:49	0°♋	
evening set	-5954 Aug 12 j 01:56	13°♋55'05	
max. Earth dist.	-5954 Aug 23 j 00:06	16°♋21'34	6.33393 AU
conjunction	-5954 Aug 24 j 15:12	16°♋43'30	1°28'34
minimum elong	-5954 Aug 24 j 15:11	16°♋43'29	1°28'56
morning rise	-5954 Sep 06 j 02:25	19°♋31'00	
	-5954 Oct 27 j 00:06	0°♌	
retrograde	-5953 Jan 06 j 13:10	7°♌05'28	

Attention, astronomical year style is used: The year -5953 in astronomical counting style is the year 5954 BCE in historical counting style.

opposition	-5953 Mar 08 j 11:56	2°♌13'43	2°07'57
min. Earth dist.	-5953 Mar 09 j 15:24	2°♌05'00	4.29975 AU
	-5953 Mar 26 j 16:40	30°℞♋	
direct	-5953 May 09 j 16:23	27°♋15'48	
	-5953 Jun 22 j 00:28	0°♌	
	-5953 Sep 10 j 09:39	15°♌	
evening set	-5953 Sep 12 j 08:29	15°♌26'31	
max. Earth dist.	-5953 Sep 23 j 11:35	17°♌58'46	6.25542 AU
conjunction	-5953 Sep 24 j 19:48	18°♌17'11	1°19'08
minimum elong	-5953 Sep 24 j 19:52	18°♌17'13	1°19'23
morning rise	-5953 Oct 07 j 06:50	21°♌07'51	
	-5953 Nov 17 j 12:12	0°♍	
retrograde	-5952 Feb 09 j 12:17	9°♍25'13	
opposition	-5952 Apr 10 j 17:32	4°♍31'22	1°35'30
min. Earth dist.	-5952 Apr 11 j 10:39	4°♍25'54	4.20775 AU
	-5952 May 26 j 00:19	30°℞♌	
direct	-5952 Jun 10 j 20:44	29°♌36'17	
	-5952 Jun 26 j 18:00	0°♍	
evening set	-5952 Oct 13 j 09:42	18°♍03'18	
max. Earth dist.	-5952 Oct 25 j 11:03	20°♍51'39	6.15865 AU
conjunction	-5952 Oct 26 j 00:35	20°♍59'32	0°44'46
minimum elong	-5952 Oct 26 j 00:38	20°♍59'34	0°44'52
morning rise	-5952 Nov 07 j 16:45	23°♍56'40	
	-5952 Dec 04 j 13:37	0°♎	
retrograde	-5951 Mar 16 j 04:40	13°♎05'28	
opposition	-5951 May 16 j 06:54	8°♎08'08	0°30'06
min. Earth dist.	-5951 May 16 j 09:04	8°♎07'26	4.11261 AU
direct	-5951 Jul 15 j 03:51	3°♎14'58	
desc. node	-5951 Oct 17 j 02:41	15°♎14'43	
evening set	-5951 Nov 15 j 22:11	22°♎01'25	
conjunction	-5951 Nov 28 j 19:56	25°♎04'21	-0°05'43
minimum elong	-5951 Nov 28 j 19:56	25°♎04'21	0°05'51
behind sun begin	-5951 Nov 28 j 12:11	24°♎59'47	
behind sun end	-5951 Nov 29 j 03:42	25°♎08'56	
max. Earth dist.	-5951 Nov 29 j 04:50	25°♎09'36	6.07440 AU
morning rise	-5951 Dec 11 j 20:43	28°♎08'59	
	-5951 Dec 19 j 18:49	0°♏	
	-5950 Mar 07 j 22:56	15°♏	
retrograde	-5950 Apr 21 j 21:54	18°♏01'54	
	-5950 Jun 06 j 03:52	15°℞♏	
opposition	-5950 Jun 21 j 15:21	13°♏00'33	-0°48'29
min. Earth dist.	-5950 Jun 20 j 23:50	13°♏05'41	4.04706 AU
direct	-5950 Aug 19 j 07:00	8°♏07'24	
	-5950 Oct 25 j 20:39	15°♏	
evening set	-5950 Dec 21 j 05:13	27°♏11'06	
	-5949 Jan 02 j 02:26	0°♐	
conjunction	-5949 Jan 03 j 10:48	0°♐19'13	-0°55'09
minimum elong	-5949 Jan 03 j 10:44	0°♐19'11	0°55'28
max. Earth dist.	-5949 Jan 04 j 18:24	0°♐37'58	6.03301 AU
morning rise	-5949 Jan 16 j 19:43	3°♐29'08	
retrograde	-5949 May 28 j 19:17	23°♐40'19	
opposition	-5949 Jul 27 j 22:17	18°♐35'55	-1°50'22
min. Earth dist.	-5949 Jul 26 j 20:57	18°♐44'28	4.03542 AU
direct	-5949 Sep 24 j 00:43	13°♐40'43	
	-5948 Jan 14 j 11:23	0°♑	
evening set	-5948 Jan 26 j 20:20	2°♑51'52	
conjunction	-5948 Feb 09 j 08:40	6°♑01'59	-1°24'30
minimum elong	-5948 Feb 09 j 08:38	6°♑01'57	1°24'52
max. Earth dist.	-5948 Feb 11 j 03:55	6°♑27'22	6.05068 AU
morning rise	-5948 Feb 22 j 23:44	9°♑13'25	
retrograde	-5948 Jul 02 j 16:09	29°♑06'29	
min. Earth dist.	-5948 Aug 30 j 03:49	24°♑10'33	4.08182 AU
opposition	-5948 Aug 31 j 06:52	24°♑01'19	-2°10'37
direct	-5948 Oct 28 j 13:30	19°♑02'50	
	-5947 Jan 25 j 20:15	0°♒	
evening set	-5947 Mar 03 j 17:50	8°♒06'51	
conjunction	-5947 Mar 17 j 10:47	11°♒15'50	-1°22'31
minimum elong	-5947 Mar 17 j 10:50	11°♒15'52	1°22'48
max. Earth dist.	-5947 Mar 18 j 23:48	11°♒37'08	6.12082 AU
morning rise	-5947 Mar 31 j 05:01	14°♒25'14	
	-5947 Apr 02 j 18:05	15°♒	
	-5947 Jun 19 j 00:24	0°♓	
retrograde	-5947 Aug 05 j 22:08	3°♓31'27	
	-5947 Sep 22 j 19:36	30°℞♒	
min. Earth dist.	-5947 Oct 03 j 11:20	28°♒34'20	4.16797 AU
opposition	-5947 Oct 04 j 05:43	28°♒28'04	-1°43'52
direct	-5947 Dec 02 j 11:18	23°♒26'21	
	-5946 Feb 08 j 03:34	0°♓	
evening set	-5946 Apr 08 j 18:59	12°♓11'53	
conjunction	-5946 Apr 22 j 12:57	15°♓17'15	-0°51'54
minimum elong	-5946 Apr 22 j 13:01	15°♓17'17	0°52'02
max. Earth dist.	-5946 Apr 23 j 08:52	15°♓28'27	6.21664 AU
morning rise	-5946 May 06 j 05:44	18°♓21'53	
	-5946 Jul 02 j 03:03	0°♈	
retrograde	-5946 Sep 07 j 12:27	6°♈33'18	
opposition	-5946 Nov 05 j 20:21	1°♈33'30	-0°44'04
min. Earth dist.	-5946 Nov 05 j 15:04	1°♈35'16	4.26361 AU
	-5946 Nov 17 j 15:28	30°℞♓	
direct	-5945 Jan 05 j 06:57	26°♓29'54	
	-5945 Feb 23 j 06:23	0°♈	
evening set	-5945 May 13 j 08:56	14°♈54'07	
conjunction	-5945 May 26 j 22:14	17°♈53'58	-0°05'31
minimum elong	-5945 May 26 j 22:15	17°♈53'59	0°05'26
behind sun begin	-5945 May 26 j 14:19	17°♈49'36	
behind sun end	-5945 May 27 j 06:12	17°♈58'21	
max. Earth dist.	-5945 May 26 j 17:01	17°♈51'06	6.30549 AU
morning rise	-5945 Jun 09 j 09:00	20°♈52'23	
asc. node	-5945 Jul 10 j 09:16	27°♈27'58	
	-5945 Jul 23 j 09:29	0°♉	
retrograde	-5945 Oct 09 j 00:11	8°♉20'59	
opposition	-5945 Dec 07 j 14:30	3°♉25'01	0°26'53
min. Earth dist.	-5945 Dec 08 j 00:37	3°♉21'41	4.33852 AU
	-5944 Jan 05 j 04:53	30°℞♈	
direct	-5944 Feb 07 j 06:04	28°♈21'06	
	-5944 Mar 11 j 16:07	0°♉	
	-5944 Jun 07 j 14:23	15°♉	
evening set	-5944 Jun 14 j 10:04	16°♉28'59	
conjunction	-5944 Jun 27 j 14:55	19°♉23'03	0°41'32
minimum elong	-5944 Jun 27 j 14:52	19°♉23'01	0°41'49
max. Earth dist.	-5944 Jun 26 j 14:44	19°♉09'44	6.36072 AU
morning rise	-5944 Jul 10 j 16:08	22°♉15'22	
	-5944 Aug 16 j 17:11	0°♊	
retrograde	-5944 Nov 08 j 01:33	9°♊23'25	
opposition	-5943 Jan 07 j 03:53	4°♊30'31	1°28'25
min. Earth dist.	-5943 Jan 08 j 01:13	4°♊23'37	4.37145 AU
	-5943 Feb 19 j 17:41	30°℞♉	
direct	-5943 Mar 10 j 12:47	29°♉27'51	
	-5943 Mar 29 j 13:06	0°♊	
evening set	-5943 Jul 16 j 07:02	17°♊28'15	
max. Earth dist.	-5943 Jul 27 j 12:47	19°♊57'13	6.36773 AU
conjunction	-5943 Jul 29 j 02:09	20°♊17'56	1°16'01
minimum elong	-5943 Jul 29 j 02:06	20°♊17'54	1°16'22
morning rise	-5943 Aug 10 j 18:22	23°♊06'10	
	-5943 Sep 12 j 07:15	0°♋	

Attention, astronomical year style is used: The year -5943 in astronomical counting style is the year 5944 BCE in historical counting style.

retrograde	-5943 Dec 09 j 15:31	10°♋18'32	
opposition	-5942 Feb 08 j 05:07	5°♋27'06	2°04'47
min. Earth dist.	-5942 Feb 09 j 09:28	5°♋18'03	4.35358 AU
direct	-5942 Apr 11 j 19:14	0°♋26'45	
evening set	-5942 Aug 16 j 12:43	18°♋28'52	
max. Earth dist.	-5942 Aug 27 j 11:09	20°♋55'50	6.32527 AU
conjunction	-5942 Aug 29 j 01:27	21°♋17'22	1°28'50
minimum elong	-5942 Aug 29 j 01:27	21°♋17'22	1°29'12
morning rise	-5942 Sep 10 j 12:16	24°♋05'04	
	-5942 Oct 07 j 18:29	0°♌	
retrograde	-5941 Jan 11 j 05:35	11°♌44'22	
opposition	-5941 Mar 13 j 06:51	6°♌52'24	2°05'39
min. Earth dist.	-5941 Mar 14 j 08:05	6°♌44'24	4.28967 AU
direct	-5941 May 14 j 07:33	1°♌54'58	
	-5941 Aug 24 j 18:35	15°♌	
evening set	-5941 Sep 16 j 20:22	20°♌07'01	
max. Earth dist.	-5941 Sep 28 j 02:55	22°♌41'35	6.24487 AU
conjunction	-5941 Sep 29 j 07:52	22°♌58'11	1°15'38
minimum elong	-5941 Sep 29 j 07:55	22°♌58'13	1°15'53
morning rise	-5941 Oct 11 j 19:12	25°♌49'28	
	-5941 Oct 30 j 10:38	0°♍	
retrograde	-5940 Feb 14 j 11:37	14°♍12'49	
opposition	-5940 Apr 15 j 16:36	9°♍18'34	1°27'54
min. Earth dist.	-5940 Apr 16 j 08:32	9°♍13'29	4.19720 AU
direct	-5940 Jun 15 j 17:25	4°♍23'51	
evening set	-5940 Oct 18 j 00:33	22°♍52'11	
conjunction	-5940 Oct 30 j 16:07	25°♍49'10	0°38'19
minimum elong	-5940 Oct 30 j 16:10	25°♍49'12	0°38'23
max. Earth dist.	-5940 Oct 30 j 04:49	25°♍42'33	6.14908 AU
morning rise	-5940 Nov 12 j 09:24	28°♍47'11	
	-5940 Nov 17 j 15:18	0°♎	
retrograde	-5939 Mar 21 j 05:15	18°♎01'31	
opposition	-5939 May 21 j 08:05	13°♎03'38	0°19'16
min. Earth dist.	-5939 May 21 j 06:54	13°♎04'01	4.10480 AU
direct	-5939 Jul 20 j 00:09	8°♎10'36	
desc. node	-5939 Aug 26 j 22:08	10°♎27'30	
evening set	-5939 Nov 20 j 17:35	26°♎58'23	
conjunction	-5939 Dec 03 j 16:25	0°♏02'01	-0°13'05
minimum elong	-5939 Dec 03 j 16:24	0°♏02'00	0°13'14
behind sun begin	-5939 Dec 03 j 11:34	29°♎59'10	
behind sun end	-5939 Dec 03 j 21:13	0°♏04'51	
	-5939 Dec 03 j 12:59	0°♏	
max. Earth dist.	-5939 Dec 04 j 05:02	0°♏09'29	6.06899 AU
morning rise	-5939 Dec 16 j 18:11	3°♏07'20	
	-5938 Feb 09 j 14:32	15°♏	
retrograde	-5938 Apr 27 j 01:36	23°♏03'30	
opposition	-5938 Jun 26 j 16:30	18°♏01'39	-0°58'44
min. Earth dist.	-5938 Jun 26 j 00:18	18°♏07'02	4.04456 AU
	-5938 Jul 21 j 08:46	15°℞♏	
direct	-5938 Aug 24 j 06:23	13°♏08'19	
	-5938 Sep 26 j 20:46	15°♏	
	-5938 Dec 16 j 17:51	0°♐	
evening set	-5938 Dec 26 j 05:01	2°♐12'58	
conjunction	-5937 Jan 08 j 11:34	5°♐21'28	-1°00'47
minimum elong	-5937 Jan 08 j 11:30	5°♐21'25	1°01'06
max. Earth dist.	-5937 Jan 09 j 21:09	5°♐41'22	6.03347 AU
morning rise	-5937 Jan 21 j 21:30	8°♐31'45	
retrograde	-5937 Jun 02 j 19:33	28°♐42'12	
opposition	-5937 Aug 01 j 20:53	23°♐37'37	-1°55'58
min. Earth dist.	-5937 Jul 31 j 18:40	23°♐46'28	4.03911 AU
direct	-5937 Sep 28 j 21:50	18°♐42'02	
	-5937 Dec 27 j 19:23	0°♑	
evening set	-5936 Jan 31 j 22:25	7°♑53'07	
conjunction	-5936 Feb 14 j 11:27	11°♑03'15	-1°26'09
minimum elong	-5936 Feb 14 j 11:25	11°♑03'14	1°26'32
max. Earth dist.	-5936 Feb 16 j 05:14	11°♑27'44	6.05702 AU
morning rise	-5936 Feb 28 j 03:14	14°♑14'39	
	-5936 May 16 j 18:28	0°♒	
retrograde	-5936 Jul 07 j 12:29	4°♒03'16	
	-5936 Aug 28 j 11:38	30°℞♑	
min. Earth dist.	-5936 Sep 03 j 23:48	29°♑07'02	4.09013 AU
opposition	-5936 Sep 05 j 01:34	28°♑58'13	-2°09'33
direct	-5936 Nov 02 j 11:01	23°♑59'14	
	-5935 Jan 04 j 19:58	0°♒	
evening set	-5935 Mar 08 j 19:07	13°♒02'04	
	-5935 Mar 17 j 09:12	15°♒	
conjunction	-5935 Mar 22 j 12:41	16°♒10'52	-1°19'45
minimum elong	-5935 Mar 22 j 12:45	16°♒10'54	1°20'01
max. Earth dist.	-5935 Mar 24 j 00:59	16°♒31'42	6.13069 AU
morning rise	-5935 Apr 05 j 06:56	19°♒19'52	
	-5935 May 25 j 12:33	0°♓	
retrograde	-5935 Aug 10 j 14:02	8°♓19'38	
opposition	-5935 Oct 08 j 20:25	3°♓16'43	-1°37'03
min. Earth dist.	-5935 Oct 08 j 03:35	3°♓22'27	4.17838 AU
	-5935 Nov 04 j 05:25	30°℞♒	
direct	-5935 Dec 07 j 04:42	28°♒14'41	
	-5934 Jan 09 j 14:19	0°♓	
evening set	-5934 Apr 13 j 17:15	16°♓58'24	
conjunction	-5934 Apr 27 j 10:51	20°♓03'14	-0°46'00
minimum elong	-5934 Apr 27 j 10:55	20°♓03'16	0°46'05
max. Earth dist.	-5934 Apr 28 j 02:13	20°♓11'52	6.22693 AU
morning rise	-5934 May 11 j 03:20	23°♓07'17	
	-5934 Jun 12 j 02:17	0°♈	
retrograde	-5934 Sep 12 j 00:11	11°♈12'51	
opposition	-5934 Nov 10 j 08:31	6°♈13'32	-0°34'15
min. Earth dist.	-5934 Nov 10 j 05:29	6°♈14'33	4.27291 AU
direct	-5933 Jan 09 j 23:17	1°♈09'46	
evening set	-5933 May 18 j 02:43	19°♈32'12	
asc. node	-5933 May 19 j 12:23	19°♈50'42	
conjunction	-5933 May 31 j 15:14	22°♈31'23	0°01'32
minimum elong	-5933 May 31 j 15:14	22°♈31'23	0°01'38
behind sun begin	-5933 May 31 j 07:00	22°♈26'50	
behind sun end	-5933 May 31 j 23:29	22°♈35'55	
max. Earth dist.	-5933 May 31 j 08:41	22°♈27'47	6.31336 AU
morning rise	-5933 Jun 14 j 00:43	25°♈28'59	
	-5933 Jul 04 j 23:36	0°♉	
retrograde	-5933 Oct 13 j 09:30	12°♉53'55	
opposition	-5933 Dec 12 j 01:43	7°♉58'25	0°36'35
min. Earth dist.	-5933 Dec 12 j 12:53	7°♉54'45	4.34444 AU
direct	-5932 Feb 11 j 19:43	2°♉54'37	
	-5932 May 21 j 14:06	15°♉	
evening set	-5932 Jun 19 j 00:02	21°♉01'09	
max. Earth dist.	-5932 Jul 01 j 00:00	23°♉39'24	6.36410 AU
conjunction	-5932 Jul 02 j 03:21	23°♉54'28	0°47'26
minimum elong	-5932 Jul 02 j 03:17	23°♉54'26	0°47'43
morning rise	-5932 Jul 15 j 03:22	26°♉46'06	
	-5932 Jul 30 j 01:55	0°♊	
retrograde	-5932 Nov 12 j 12:34	13°♊53'16	
opposition	-5931 Jan 11 j 15:58	9°♊00'36	1°35'24
min. Earth dist.	-5931 Jan 12 j 15:06	8°♊53'07	4.37217 AU
direct	-5931 Mar 15 j 03:38	3°♊58'07	
evening set	-5931 Jul 20 j 17:46	21°♊57'55	
max. Earth dist.	-5931 Jul 31 j 23:08	24°♊26'47	6.36548 AU

Attention, astronomical year style is used: The year -5931 in astronomical counting style is the year 5932 BCE in historical counting style.

conjunction	-5931 Aug 02 j 11:54	24°♊47'11	1°19'17	
minimum elong	-5931 Aug 02 j 11:51	24°♊47'09	1°19'39	
morning rise	-5931 Aug 15 j 02:55	27°♊35'03		
	-5931 Aug 26 j 04:08	0°♋		
retrograde	-5931 Dec 14 j 02:34	14°♋49'24		
opposition	-5930 Feb 12 j 19:28	9°♋57'55	2°07'11	
min. Earth dist.	-5930 Feb 13 j 23:00	9°♋49'09	4.34845 AU	
direct	-5930 Apr 16 j 08:12	4°♋57'56		
evening set	-5930 Aug 20 j 22:15	23°♋00'21		
max. Earth dist.	-5930 Aug 31 j 20:19	25°♋27'29	6.31737 AU	
conjunction	-5930 Sep 02 j 10:19	25°♋48'54	1°28'34	
minimum elong	-5930 Sep 02 j 10:20	25°♋48'54	1°28'54	
morning rise	-5930 Sep 14 j 20:54	28°♋36'48		
	-5930 Sep 21 j 02:11	0°♌		
	-5930 Dec 17 j 05:28	15°♌		
retrograde	-5929 Jan 15 j 23:28	16°♌20'50		
	-5929 Feb 14 j 20:44	15°℞♌		
opposition	-5929 Mar 18 j 01:06	11°♌28'37	2°02'36	
min. Earth dist.	-5929 Mar 19 j 02:26	11°♌20'34	4.27916 AU	
direct	-5929 May 19 j 00:39	6°♌31'30		
	-5929 Aug 06 j 11:17	15°♌		
evening set	-5929 Sep 21 j 07:09	24°♌45'00		
conjunction	-5929 Oct 03 j 18:59	27°♌36'48	1°11'42	
minimum elong	-5929 Oct 03 j 19:02	27°♌36'50	1°11'56	
max. Earth dist.	-5929 Oct 02 j 15:34	27°♌21'03	6.23265 AU	
	-5929 Oct 14 j 04:26	0°♍		
morning rise	-5929 Oct 16 j 06:52	0°♍28'50		
retrograde	-5928 Feb 19 j 08:18	18°♍58'46		
opposition	-5928 Apr 20 j 14:41	14°♍04'03	1°19'46	
min. Earth dist.	-5928 Apr 21 j 03:53	13°♍59'50	4.18401 AU	
direct	-5928 Jun 20 j 10:21	9°♍09'38		
evening set	-5928 Oct 22 j 15:35	27°♍40'30		
	-5928 Nov 01 j 14:28	0°♎		
conjunction	-5928 Nov 04 j 08:02	0°♎38'25	0°31'37	
minimum elong	-5928 Nov 04 j 08:04	0°♎38'26	0°31'38	
max. Earth dist.	-5928 Nov 03 j 23:43	0°♎33'33	6.13618 AU	
morning rise	-5928 Nov 17 j 02:21	3°♎37'29		
retrograde	-5927 Mar 26 j 09:12	22°♎58'43		
opposition	-5927 May 26 j 09:45	18°♎00'16	0°08'13	
min. Earth dist.	-5927 May 26 j 07:17	18°♎01'04	4.09301 AU	
desc. node	-5927 Jul 06 j 17:28	13°♎39'44		
direct	-5927 Jul 24 j 22:26	13°♎07'15		
	-5927 Nov 17 j 04:47	0°♏		
evening set	-5927 Nov 25 j 14:35	1°♏58'05		
conjunction	-5927 Dec 08 j 14:33	5°♏02'38	-0°20'28	
minimum elong	-5927 Dec 08 j 14:31	5°♏02'37	0°20'39	
max. Earth dist.	-5927 Dec 09 j 06:10	5°♏11'53	6.05943 AU	
morning rise	-5927 Dec 21 j 17:37	8°♏08'55		
	-5926 Jan 20 j 19:21	15°♏		
retrograde	-5926 May 02 j 06:00	28°♏09'41		
opposition	-5926 Jul 01 j 19:26	23°♏07'23	-1°08'44	
min. Earth dist.	-5926 Jul 01 j 01:05	23°♏13'29	4.03839 AU	
direct	-5926 Aug 29 j 05:29	18°♏13'53		
	-5926 Nov 29 j 01:16	0°♐		
evening set	-5926 Dec 31 j 08:09	7°♐21'01		
conjunction	-5925 Jan 13 j 15:38	10°♐30'03	-1°06'04	
minimum elong	-5925 Jan 13 j 15:34	10°♐30'00	1°06'24	
max. Earth dist.	-5925 Jan 15 j 02:13	10°♐50'32	6.03095 AU	
morning rise	-5925 Jan 27 j 02:37	13°♐40'51		
	-5925 Apr 18 j 08:29	0°♑		
retrograde	-5925 Jun 07 j 22:58	3°♑51'26		
	-5925 Jul 28 j 19:59	30°℞♐		
opposition	-5925 Aug 06 j 22:19	28°♐46'38	-2°00'51	
min. Earth dist.	-5925 Aug 05 j 19:38	28°♐55'41	4.04066 AU	
direct	-5925 Oct 03 j 23:45	23°♐50'37		
	-5925 Dec 06 j 11:40	0°♑		
evening set	-5924 Feb 06 j 04:40	13°♑02'29		
conjunction	-5924 Feb 19 j 18:42	16°♑12'46	-1°27'12	
minimum elong	-5924 Feb 19 j 18:41	16°♑12'46	1°27'34	
max. Earth dist.	-5924 Feb 21 j 14:12	16°♑38'12	6.06260 AU	
morning rise	-5924 Mar 04 j 10:57	19°♑24'08		
	-5924 Apr 22 j 05:42	0°♒		
retrograde	-5924 Jul 12 j 12:51	9°♒07'57		
opposition	-5924 Sep 09 j 23:28	4°♒03'09	-2°07'31	
min. Earth dist.	-5924 Sep 08 j 22:26	4°♒11'42	4.09937 AU	
	-5924 Oct 14 j 21:14	30°℞♑		
direct	-5924 Nov 07 j 10:47	29°♑03'47		
	-5924 Dec 01 j 05:01	0°♒		
	-5923 Feb 28 j 07:47	15°♒		
evening set	-5923 Mar 14 j 00:21	18°♒05'02		
conjunction	-5923 Mar 27 j 18:08	21°♒13'27	-1°16'20	
minimum elong	-5923 Mar 27 j 18:12	21°♒13'29	1°16'35	
max. Earth dist.	-5923 Mar 29 j 03:46	21°♒32'42	6.14298 AU	
morning rise	-5923 Apr 10 j 12:37	24°♒21'59		
	-5923 May 05 j 23:25	0°♓		
retrograde	-5923 Aug 15 j 06:48	13°♓14'03		
opposition	-5923 Oct 13 j 13:54	8°♓11'35	-1°29'25	
min. Earth dist.	-5923 Oct 12 j 21:58	8°♓17'00	4.19276 AU	
direct	-5923 Dec 12 j 01:50	3°♓09'17		
evening set	-5922 Apr 18 j 17:36	21°♓49'30		
conjunction	-5922 May 02 j 10:50	24°♓53'31	-0°39'43	
minimum elong	-5922 May 02 j 10:53	24°♓53'33	0°39'46	
max. Earth dist.	-5922 May 03 j 00:49	25°♓01'21	6.24279 AU	
morning rise	-5922 May 16 j 02:25	27°♓56'33		
	-5922 May 25 j 10:11	0°♈		
retrograde	-5922 Sep 16 j 12:32	15°♈54'13		
opposition	-5922 Nov 14 j 21:45	10°♈55'30	-0°24'11	
min. Earth dist.	-5922 Nov 14 j 20:26	10°♈55'57	4.28888 AU	
direct	-5921 Jan 14 j 17:22	5°♈51'44		
asc. node	-5921 Mar 28 j 18:49	13°♈03'00		
evening set	-5921 May 22 j 20:38	24°♈09'53		
conjunction	-5921 Jun 05 j 07:51	27°♈07'57	0°08'24	
minimum elong	-5921 Jun 05 j 07:50	27°♈07'56	0°08'32	
behind sun begin	-5921 Jun 05 j 00:42	27°♈04'01		
behind sun end	-5921 Jun 05 j 14:58	27°♈11'51		
max. Earth dist.	-5921 Jun 04 j 21:47	27°♈02'24	6.32820 AU	
morning rise	-5921 Jun 18 j 16:06	0°♉04'25		
	-5921 Jun 18 j 08:03	0°♉		
	-5921 Sep 08 j 10:13	15°♉		
retrograde	-5921 Oct 17 j 17:17	17°♉23'31		
	-5921 Nov 26 j 05:04	15°℞♉		
opposition	-5921 Dec 16 j 11:52	12°♉28'27	0°45'51	
min. Earth dist.	-5921 Dec 17 j 00:50	12°♉24'12	4.35721 AU	
direct	-5920 Feb 16 j 10:02	7°♉24'45		
	-5920 May 02 j 15:24	15°♉		
evening set	-5920 Jun 23 j 11:22	25°♉27'40		
max. Earth dist.	-5920 Jul 05 j 09:18	28°♉04'34	6.37369 AU	
conjunction	-5920 Jul 06 j 13:20	28°♉20'00	0°52'53	
minimum elong	-5920 Jul 06 j 13:17	28°♉19'58	0°53'10	
	-5920 Jul 14 j 02:58	0°♊		
morning rise	-5920 Jul 19 j 11:44	1°♊10'37		
retrograde	-5920 Nov 16 j 18:27	18°♊15'17		
opposition	-5919 Jan 16 j 01:02	13°♊22'54	1°41'31	
min. Earth dist.	-5919 Jan 17 j 01:05	13°♊15'10	4.37801 AU	

Attention, astronomical year style is used: The year -5919 in astronomical counting style is the year 5920 BCE in historical counting style.

direct	-5919 Mar 19 j 14:34	8°♊20'45	
evening set	-5919 Jul 25 j 00:32	26°♊18'24	
max. Earth dist.	-5919 Aug 05 j 01:52	28°♊45'12	6.36674 AU
conjunction	-5919 Aug 06 j 17:20	29°♊07'06	1°21'57
minimum elong	-5919 Aug 06 j 17:17	29°♊07'05	1°22'20
	-5919 Aug 10 j 16:38	0°♋	
morning rise	-5919 Aug 19 j 07:31	1°♋54'32	
retrograde	-5919 Dec 18 j 11:41	19°♋10'14	
opposition	-5918 Feb 17 j 05:53	14°♋18'46	2°08'42
min. Earth dist.	-5918 Feb 18 j 10:48	14°♋09'34	4.34504 AU
direct	-5918 Apr 20 j 19:07	9°♋19'04	
evening set	-5918 Aug 25 j 03:17	27°♋21'36	
max. Earth dist.	-5918 Sep 05 j 01:38	29°♋49'09	6.30948 AU
	-5918 Sep 05 j 20:52	0°♌	
conjunction	-5918 Sep 06 j 15:07	0°♌10'18	1°27'47
minimum elong	-5918 Sep 06 j 15:08	0°♌10'18	1°28'06
morning rise	-5918 Sep 19 j 01:22	2°♌58'25	
	-5918 Nov 17 j 11:06	15°♌	
retrograde	-5917 Jan 20 j 11:10	20°♌47'28	
opposition	-5917 Mar 22 j 14:44	15°♌55'02	1°58'56
min. Earth dist.	-5917 Mar 23 j 15:05	15°♌47'18	4.26723 AU
	-5917 Mar 29 j 21:02	15°℞♌	
direct	-5917 May 23 j 10:34	10°♌58'18	
	-5917 Jul 15 j 06:16	15°♌	
evening set	-5917 Sep 25 j 14:18	29°♌14'14	
	-5917 Sep 28 j 22:12	0°♍	
max. Earth dist.	-5917 Oct 06 j 23:32	1°♍51'19	6.21765 AU
conjunction	-5917 Oct 08 j 02:25	2°♍06'49	1°07'28
minimum elong	-5917 Oct 08 j 02:29	2°♍06'51	1°07'41
morning rise	-5917 Oct 20 j 15:02	4°♍59'47	
retrograde	-5916 Feb 24 j 05:12	23°♍37'45	
opposition	-5916 Apr 25 j 09:39	18°♍42'36	1°11'24
min. Earth dist.	-5916 Apr 25 j 22:11	18°♍38'35	4.16676 AU
direct	-5916 Jun 25 j 01:25	13°♍48'22	
	-5916 Oct 16 j 19:52	0°♎	
evening set	-5916 Oct 27 j 04:12	2°♎23'40	
conjunction	-5916 Nov 08 j 21:45	5°♎22'48	0°24'54
minimum elong	-5916 Nov 08 j 21:47	5°♎22'49	0°24'54
max. Earth dist.	-5916 Nov 08 j 16:08	5°♎19'30	6.11843 AU
morning rise	-5916 Nov 21 j 17:18	8°♎23'11	
retrograde	-5915 Mar 31 j 10:48	27°♎53'13	
desc. node	-5915 May 18 j 04:45	24°♎35'38	
opposition	-5915 May 31 j 09:38	22°♎54'15	-0°02'39
min. Earth dist.	-5915 May 31 j 04:45	22°♎55'51	4.07644 AU
direct	-5915 Jul 29 j 16:25	18°♎01'20	
	-5915 Oct 31 j 00:22	0°♏	
evening set	-5915 Nov 30 j 11:32	6°♏57'20	
conjunction	-5915 Dec 13 j 12:36	10°♏03'00	-0°27'35
minimum elong	-5915 Dec 13 j 12:34	10°♏02'58	0°27'47
max. Earth dist.	-5915 Dec 14 j 06:25	10°♏13'35	6.04550 AU
morning rise	-5915 Dec 26 j 17:03	13°♏10'29	
	-5914 Jan 03 j 11:55	15°♏	
	-5914 Mar 21 j 16:41	0°♐	
retrograde	-5914 May 07 j 11:01	3°♐17'24	
	-5914 Jun 23 j 11:45	30°℞♏	
opposition	-5914 Jul 06 j 22:07	28°♏14'36	-1°18'08
min. Earth dist.	-5914 Jul 06 j 01:48	28°♏21'23	4.02867 AU
direct	-5914 Sep 03 j 05:34	23°♏20'48	
	-5914 Nov 08 j 08:27	0°♐	
evening set	-5913 Jan 05 j 12:20	12°♐31'48	
conjunction	-5913 Jan 18 j 21:07	15°♐41'32	-1°10'47
minimum elong	-5913 Jan 18 j 21:02	15°♐41'30	1°11'08
max. Earth dist.	-5913 Jan 20 j 11:48	16°♐04'28	6.02635 AU
morning rise	-5913 Feb 01 j 09:01	18°♐52'56	
	-5913 Mar 24 j 01:53	0°♑	
retrograde	-5913 Jun 13 j 04:48	9°♑03'46	
min. Earth dist.	-5913 Aug 10 j 21:19	4°♑07'59	4.04185 AU
opposition	-5913 Aug 12 j 00:30	3°♑58'45	-2°04'44
	-5913 Sep 15 j 07:05	30°℞♐	
direct	-5913 Oct 09 j 01:43	29°♐02'16	
	-5913 Nov 01 j 22:00	0°♑	
evening set	-5912 Feb 11 j 12:05	18°♑14'37	
conjunction	-5912 Feb 25 j 02:45	21°♑24'55	-1°27'32
minimum elong	-5912 Feb 25 j 02:45	21°♑24'55	1°27'52
max. Earth dist.	-5912 Feb 26 j 21:52	21°♑50'04	6.06911 AU
morning rise	-5912 Mar 09 j 19:47	24°♑36'14	
	-5912 Apr 02 j 16:31	0°♒	
retrograde	-5912 Jul 17 j 10:39	14°♒14'12	
opposition	-5912 Sep 14 j 21:36	9°♒09'27	-2°04'25
min. Earth dist.	-5912 Sep 13 j 20:18	9°♒18'06	4.11028 AU
direct	-5912 Nov 12 j 11:11	4°♒09'31	
	-5911 Feb 09 j 20:45	15°♒	
evening set	-5911 Mar 19 j 05:30	23°♒08'04	
conjunction	-5911 Apr 01 j 23:34	26°♒15'58	-1°12'19
minimum elong	-5911 Apr 01 j 23:39	26°♒16'01	1°12'33
max. Earth dist.	-5911 Apr 03 j 08:02	26°♒34'29	6.15725 AU
morning rise	-5911 Apr 15 j 17:50	29°♒23'46	
	-5911 Apr 18 j 10:03	0°♓	
retrograde	-5911 Aug 20 j 00:25	18°♓07'12	
opposition	-5911 Oct 18 j 06:54	13°♓05'08	-1°21'09
min. Earth dist.	-5911 Oct 17 j 17:18	13°♓09'45	4.20832 AU
direct	-5911 Dec 17 j 00:25	8°♓02'28	
evening set	-5910 Apr 23 j 17:09	26°♓38'37	
conjunction	-5910 May 07 j 09:49	29°♓41'45	-0°33'09
minimum elong	-5910 May 07 j 09:51	29°♓41'46	0°33'11
max. Earth dist.	-5910 May 07 j 20:30	29°♓47'42	6.25817 AU
	-5910 May 08 j 18:31	0°♈	
morning rise	-5910 May 21 j 00:37	2°♈43'47	
retrograde	-5910 Sep 20 j 23:09	20°♈34'00	
opposition	-5910 Nov 19 j 10:37	15°♈35'46	-0°13'58
min. Earth dist.	-5910 Nov 19 j 10:52	15°♈35'41	4.30261 AU
direct	-5909 Jan 19 j 10:16	10°♈31'51	
asc. node	-5909 Feb 04 j 12:06	10°♈55'51	
evening set	-5909 May 27 j 13:55	28°♈46'36	
	-5909 Jun 02 j 03:44	0°♉	
conjunction	-5909 Jun 09 j 23:55	1°♉43'42	0°15'15
minimum elong	-5909 Jun 09 j 23:54	1°♉43'42	0°15'25
behind sun begin	-5909 Jun 09 j 21:54	1°♉42'36	
behind sun end	-5909 Jun 10 j 01:54	1°♉44'47	
max. Earth dist.	-5909 Jun 09 j 11:07	1°♉36'39	6.33922 AU
morning rise	-5909 Jun 23 j 06:46	4°♉39'10	
	-5909 Aug 13 j 07:56	15°♉	
retrograde	-5909 Oct 22 j 03:12	21°♉54'09	
opposition	-5909 Dec 20 j 23:07	16°♉59'35	0°55'01
min. Earth dist.	-5909 Dec 21 j 14:24	16°♉54'35	4.36470 AU
	-5908 Jan 05 j 15:37	15°℞♉	
direct	-5908 Feb 21 j 01:11	11°♉56'02	
	-5908 Apr 07 j 13:14	15°♉	
evening set	-5908 Jun 27 j 23:55	29°♉57'07	
	-5908 Jun 28 j 05:12	0°♊	
max. Earth dist.	-5908 Jul 09 j 17:03	2°♊31'26	6.37683 AU
conjunction	-5908 Jul 11 j 00:26	2°♊48'43	0°58'10
minimum elong	-5908 Jul 11 j 00:22	2°♊48'41	0°58'28

Attention, astronomical year style is used: The year -5908 in astronomical counting style is the year 5909 BCE in historical counting style.

morning rise	-5908 Jul 23 j 21:35	5°♊38'40		
retrograde	-5908 Nov 21 j 04:43	22°♊43'11		
opposition	-5907 Jan 20 j 13:08	17°♊51'02	1°47'20	
min. Earth dist.	-5907 Jan 21 j 14:29	17°♊42'53	4.37689 AU	
direct	-5907 Mar 24 j 03:35	12°♊49'07		
	-5907 Jul 25 j 21:09	0°♋		
evening set	-5907 Jul 29 j 10:30	0°♋46'55		
max. Earth dist.	-5907 Aug 09 j 11:26	3°♋13'42	6.36138 AU	
conjunction	-5907 Aug 11 j 02:26	3°♋35'23	1°24'18	
minimum elong	-5907 Aug 11 j 02:24	3°♋35'22	1°24'40	
morning rise	-5907 Aug 23 j 15:35	6°♋22'38		
retrograde	-5907 Dec 23 j 01:15	23°♋41'54		
opposition	-5906 Feb 21 j 21:18	18°♋50'29	2°09'40	
min. Earth dist.	-5906 Feb 23 j 02:08	18°♋41'19	4.33585 AU	
direct	-5906 Apr 25 j 08:46	13°♋51'14		
	-5906 Aug 20 j 22:09	0°♌		
evening set	-5906 Aug 29 j 13:29	1°♌55'30		
max. Earth dist.	-5906 Sep 09 j 10:54	4°♌23'03	6.29709 AU	
conjunction	-5906 Sep 11 j 00:53	4°♌44'33	1°26'28	
minimum elong	-5906 Sep 11 j 00:54	4°♌44'34	1°26'47	
morning rise	-5906 Sep 23 j 11:17	7°♌33'13		
	-5906 Oct 27 j 22:57	15°♌		
retrograde	-5905 Jan 25 j 08:07	25°♌28'56		
opposition	-5905 Mar 27 j 11:18	20°♌36'16	1°54'21	
min. Earth dist.	-5905 Mar 28 j 10:46	20°♌28'48	4.25235 AU	
direct	-5905 May 28 j 03:46	15°♌39'54		
	-5905 Sep 12 j 11:53	0°♍		
evening set	-5905 Sep 30 j 03:32	3°♍58'55		
conjunction	-5905 Oct 12 j 16:21	6°♍52'25	1°02'34	
minimum elong	-5905 Oct 12 j 16:25	6°♍52'27	1°02'43	
max. Earth dist.	-5905 Oct 11 j 16:52	6°♍38'50	6.20185 AU	
morning rise	-5905 Oct 25 j 05:36	9°♍46'24		
retrograde	-5904 Feb 29 j 07:13	28°♍32'28		
opposition	-5904 Apr 30 j 11:17	23°♍36'56	1°02'00	
min. Earth dist.	-5904 Apr 30 j 21:16	23°♍33'43	4.15136 AU	
direct	-5904 Jun 29 j 21:24	18°♍43'07		
	-5904 Sep 29 j 05:22	0°♎		
evening set	-5904 Oct 31 j 23:22	7°♎21'56		
conjunction	-5904 Nov 13 j 17:48	10°♎22'04	0°17'37	
minimum elong	-5904 Nov 13 j 17:49	10°♎22'05	0°17'35	
max. Earth dist.	-5904 Nov 13 j 14:53	10°♎20'22	6.10504 AU	
morning rise	-5904 Nov 26 j 14:40	13°♎23'38		
	-5903 Feb 19 j 19:17	0°♏		
desc. node	-5903 Mar 27 j 09:33	2°♏52'18		
retrograde	-5903 Apr 05 j 16:40	3°♏00'34		
	-5903 May 21 j 00:49	30°℞♎		
opposition	-5903 Jun 05 j 14:41	28°♎01'02	-0°14'04	
min. Earth dist.	-5903 Jun 05 j 06:47	28°♎03'37	4.06647 AU	
direct	-5903 Aug 03 j 17:35	23°♎08'10		
	-5903 Oct 10 j 11:52	0°♏		
evening set	-5903 Dec 05 j 12:48	12°♏06'46		
	-5903 Dec 17 j 16:57	15°♏		
conjunction	-5903 Dec 18 j 15:09	15°♏13'11	-0°34'46	
minimum elong	-5903 Dec 18 j 15:06	15°♏13'09	0°35'01	
max. Earth dist.	-5903 Dec 19 j 14:11	15°♏26'53	6.04006 AU	
morning rise	-5903 Dec 31 j 20:37	18°♏21'23		
	-5902 Feb 23 j 04:07	0°♐		
retrograde	-5902 May 12 j 18:47	8°♐30'37		
min. Earth dist.	-5902 Jul 11 j 05:16	3°♐34'41	4.02870 AU	
opposition	-5902 Jul 12 j 03:00	3°♐27'25	-1°27'06	
	-5902 Aug 09 j 21:28	30°℞♏		
direct	-5902 Sep 08 j 08:57	28°♏33'24		
	-5902 Oct 07 j 17:22	0°♐		
evening set	-5901 Jan 10 j 17:53	17°♐44'36		
conjunction	-5901 Jan 24 j 03:21	20°♐54'25	-1°15'01	
minimum elong	-5901 Jan 24 j 03:17	20°♐54'23	1°15'23	
max. Earth dist.	-5901 Jan 25 j 18:49	21°♐17'45	6.03142 AU	
morning rise	-5901 Feb 06 j 16:13	24°♐05'55		
	-5901 Mar 04 j 11:40	0°♑		
retrograde	-5901 Jun 18 j 05:06	14°♑12'58		
min. Earth dist.	-5901 Aug 15 j 20:34	9°♑17'27	4.05166 AU	
opposition	-5901 Aug 17 j 00:57	9°♑07'47	-2°07'35	
direct	-5901 Oct 14 j 02:30	4°♑10'51		
evening set	-5900 Feb 16 j 17:16	23°♑20'51		
conjunction	-5900 Mar 01 j 08:36	26°♑30'48	-1°27'13	
minimum elong	-5900 Mar 01 j 08:37	26°♑30'48	1°27'33	
max. Earth dist.	-5900 Mar 03 j 03:25	26°♑55'42	6.08262 AU	
morning rise	-5900 Mar 15 j 01:50	29°♑41'35		
	-5900 Mar 16 j 09:50	0°♒		
	-5900 May 30 j 15:14	15°♒		
retrograde	-5900 Jul 22 j 06:33	19°♒11'30		
	-5900 Sep 13 j 04:13	15°℞♒		
opposition	-5900 Sep 19 j 16:05	14°♒07'00	-2°00'31	
min. Earth dist.	-5900 Sep 18 j 16:59	14°♒14'54	4.12585 AU	
direct	-5900 Nov 17 j 10:06	9°♒06'38		
	-5899 Jan 19 j 13:40	15°♒		
evening set	-5899 Mar 24 j 06:24	28°♒01'17		
	-5899 Apr 01 j 23:55	0°♓		
conjunction	-5899 Apr 07 j 00:34	1°♓08'32	-1°07'57	
minimum elong	-5899 Apr 07 j 00:38	1°♓08'34	1°08'09	
max. Earth dist.	-5899 Apr 08 j 06:24	1°♓25'28	6.17352 AU	
morning rise	-5899 Apr 20 j 18:37	4°♓15'32		
retrograde	-5899 Aug 24 j 12:05	22°♓50'21		
opposition	-5899 Oct 22 j 19:49	17°♓48'48	-1°12'40	
min. Earth dist.	-5899 Oct 22 j 07:31	17°♓52'58	4.22369 AU	
direct	-5899 Dec 21 j 16:58	12°♓45'51		