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

retrograde	-6400 Mar 08 j 03:49	18°♎00'52			direct	-6394 Aug 28 j 06:53	28°♎29'34		
min. Earth dist.	-6400 May 27 j 07:46	16°♎37'37	29.06923 AU			-6394 Nov 12 j 06:40	0°♏		
opposition	-6400 May 28 j 03:06	16°♎36'18	1°03'47		evening set	-6394 Nov 22 j 07:38	0°♏21'40		
direct	-6400 Aug 14 j 13:37	15°♎13'41							
evening set	-6400 Nov 08 j 18:36	17°♎06'04			conjunction	-6394 Dec 07 j 19:48	0°♏56'33	0°25'28	
					minimum elong	-6394 Dec 07 j 19:48	0°♏56'33	0°25'18	
conjunction	-6400 Nov 24 j 03:37	17°♎40'42	0°57'13		max. Earth dist.	-6394 Dec 08 j 19:42	0°♏58'48	31.00132 AU	
minimum elong	-6400 Nov 24 j 03:37	17°♎40'42	0°57'08		morning rise	-6394 Dec 23 j 11:49	1°♏31'48		
max. Earth dist.	-6400 Nov 25 j 00:12	17°♎42'39	31.06310 AU		retrograde	-6393 Mar 24 j 18:08	3°♏30'17		
morning rise	-6400 Dec 09 j 15:45	18°♎15'39			opposition	-6393 Jun 13 j 19:40	2°♏05'12	0°24'12	
retrograde	-6399 Mar 10 j 14:54	20°♎13'44			min. Earth dist.	-6393 Jun 12 j 20:25	2°♏06'48	28.99813 AU	
opposition	-6399 May 30 j 15:56	18°♎49'05	0°58'21		direct	-6393 Aug 30 j 17:27	0°♏42'29		
min. Earth dist.	-6399 May 29 j 19:36	18°♎50'29	29.05773 AU		evening set	-6393 Nov 24 j 18:07	2°♏34'35		
direct	-6399 Aug 17 j 02:18	17°♎26'27							
evening set	-6399 Nov 11 j 04:43	19°♎18'44			conjunction	-6393 Dec 10 j 06:59	3°♏09'30	0°19'59	
					minimum elong	-6393 Dec 10 j 06:59	3°♏09'30	0°19'48	
conjunction	-6399 Nov 26 j 14:05	19°♎53'24	0°52'06		max. Earth dist.	-6393 Dec 11 j 08:04	3°♏11'52	30.99446 AU	
minimum elong	-6399 Nov 26 j 14:06	19°♎53'24	0°51'59		morning rise	-6393 Dec 25 j 23:31	3°♏44'48		
max. Earth dist.	-6399 Nov 27 j 10:06	19°♎55'18	31.05138 AU		retrograde	-6392 Mar 26 j 08:49	5°♏43'22		
morning rise	-6399 Dec 12 j 03:01	20°♎28'25			min. Earth dist.	-6392 Jun 14 j 07:26	4°♏19'59	28.99151 AU	
retrograde	-6398 Mar 13 j 03:33	22°♎26'33			opposition	-6392 Jun 15 j 07:59	4°♏18'17	0°18'19	
min. Earth dist.	-6398 Jun 01 j 08:10	21°♎03'11	29.04589 AU		direct	-6392 Sep 01 j 05:53	2°♏55'36		
opposition	-6398 Jun 02 j 04:42	21°♎01'47	0°52'50		evening set	-6392 Nov 26 j 04:54	4°♏47'43		
direct	-6398 Aug 19 j 12:48	19°♎39'06							
evening set	-6398 Nov 13 j 14:44	21°♎31'19			conjunction	-6392 Dec 11 j 18:09	5°♏22'42	0°14'29	
					minimum elong	-6392 Dec 11 j 18:10	5°♏22'42	0°14'17	
conjunction	-6398 Nov 29 j 00:47	22°♎06'02	0°46'54		behind sun begin	-6392 Dec 11 j 15:04	5°♏22'25		
minimum elong	-6398 Nov 29 j 00:47	22°♎06'02	0°46'47		behind sun end	-6392 Dec 11 j 21:15	5°♏22'58		
max. Earth dist.	-6398 Nov 29 j 22:30	22°♎08'05	31.03957 AU		max. Earth dist.	-6392 Dec 12 j 18:46	5°♏25'01	30.98801 AU	
morning rise	-6398 Dec 14 j 14:11	22°♎41'05			morning rise	-6392 Dec 27 j 11:28	5°♏58'03		
retrograde	-6397 Mar 15 j 14:41	24°♎39'16			retrograde	-6391 Mar 28 j 22:46	7°♏56'42		
opposition	-6397 Jun 04 j 17:26	23°♎14'24	0°47'14		opposition	-6391 Jun 17 j 20:32	6°♏31'37	0°12'24	
min. Earth dist.	-6397 Jun 03 j 20:23	23°♎15'51	29.03425 AU		min. Earth dist.	-6391 Jun 16 j 20:38	6°♏33'16	28.98517 AU	
direct	-6397 Aug 22 j 00:21	21°♎51'41			direct	-6391 Sep 03 j 16:15	5°♏08'57		
evening set	-6397 Nov 16 j 00:50	23°♎43'50			evening set	-6391 Nov 28 j 15:40	7°♏01'05		
conjunction	-6397 Dec 01 j 11:21	24°♎18'35	0°41'38		conjunction	-6391 Dec 14 j 05:36	7°♏36'07	0°08'57	
minimum elong	-6397 Dec 01 j 11:22	24°♎18'35	0°41'29		minimum elong	-6391 Dec 14 j 05:36	7°♏36'07	0°08'43	
max. Earth dist.	-6397 Dec 02 j 09:02	24°♎20'38	31.02842 AU		behind sun begin	-6391 Dec 13 j 23:59	7°♏35'36		
morning rise	-6397 Dec 17 j 01:31	24°♎53'41			behind sun end	-6391 Dec 14 j 11:12	7°♏36'37		
retrograde	-6396 Mar 17 j 03:44	26°♎51'56			max. Earth dist.	-6391 Dec 15 j 07:28	7°♏38'33	30.98156 AU	
min. Earth dist.	-6396 Jun 05 j 07:56	25°♎28'30	29.02356 AU		morning rise	-6391 Dec 29 j 23:17	8°♏11'31		
opposition	-6396 Jun 06 j 06:05	25°♎26'59	0°41'34		retrograde	-6390 Mar 31 j 11:14	10°♏10'15		
direct	-6396 Aug 23 j 10:31	24°♎04'14			min. Earth dist.	-6390 Jun 19 j 08:16	8°♏46'51	28.97846 AU	
evening set	-6396 Nov 17 j 11:05	25°♎56'21			opposition	-6390 Jun 20 j 08:55	8°♏45'09	0°06'27	
					direct	-6390 Sep 06 j 04:32	7°♏22'31		
conjunction	-6396 Dec 02 j 22:12	26°♎31'09	0°36'18		evening set	-6390 Dec 01 j 02:48	9°♏14'40		
minimum elong	-6396 Dec 02 j 22:12	26°♎31'09	0°36'09						
max. Earth dist.	-6396 Dec 03 j 21:03	26°♎33'18	31.01816 AU		conjunction	-6390 Dec 16 j 17:06	9°♏49'44	0°03'24	
morning rise	-6396 Dec 18 j 12:55	27°♎06'18			minimum elong	-6390 Dec 16 j 17:07	9°♏49'44	0°03'10	
retrograde	-6395 Mar 19 j 15:14	29°♎04'37			behind sun begin	-6390 Dec 16 j 10:40	9°♏49'09		
opposition	-6395 Jun 08 j 18:33	27°♎39'36	0°35'50		behind sun end	-6390 Dec 16 j 23:33	9°♏50'19		
min. Earth dist.	-6395 Jun 07 j 20:29	27°♎41'07	29.01389 AU		max. Earth dist.	-6390 Dec 17 j 17:59	9°♏52'05	30.97460 AU	
direct	-6395 Aug 25 j 20:53	26°♎16'51			morning rise	-6389 Jan 01 j 11:33	10°♏25'11		
evening set	-6395 Nov 19 j 21:22	28°♎08'57			retrograde	-6389 Apr 03 j 01:43	12°♏24'00		
					opposition	-6389 Jun 22 j 21:27	10°♏58'52	0°00'30	
conjunction	-6395 Dec 05 j 09:03	28°♎43'47	0°30'54		min. Earth dist.	-6389 Jun 21 j 21:05	11°♏00'33	28.97117 AU	
minimum elong	-6395 Dec 05 j 09:03	28°♎43'47	0°30'44		desc. node	-6389 Jul 23 j 03:55	10°♏11'39		
max. Earth dist.	-6395 Dec 06 j 08:26	28°♎45'59	31.00921 AU		direct	-6389 Sep 08 j 15:18	9°♏36'14		
morning rise	-6395 Dec 21 j 00:24	29°♎18'58			evening set	-6389 Dec 03 j 13:54	11°♏28'23		
	-6394 Jan 09 j 12:26	0°♏							
retrograde	-6394 Mar 22 j 05:06	1°♏17'22			conjunction	-6389 Dec 19 j 04:55	12°♏03'30	-0°02'18	
	-6394 Jun 06 j 15:07	30°℞♎			minimum elong	-6389 Dec 19 j 04:54	12°♏03'30	0°02'34	
min. Earth dist.	-6394 Jun 10 j 07:19	29°♎53'57	29.00549 AU		behind sun begin	-6389 Dec 18 j 22:26	12°♏02'55		
opposition	-6394 Jun 11 j 07:01	29°♎52'19	0°30'03		behind sun end	-6389 Dec 19 j 11:23	12°♏04'05		

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

max. Earth dist.	-6389 Dec 20 j 06:48	12°♑05'57	30.96675 AU
morning rise	-6388 Jan 03 j 23:48	12°♑39'00	
retrograde	-6388 Apr 04 j 13:44	14°♑37'52	
min. Earth dist.	-6388 Jun 23 j 09:42	13°♑14'22	28.96274 AU
opposition	-6388 Jun 24 j 09:54	13°♑12'42	-0°05'28
direct	-6388 Sep 10 j 03:16	11°♑50'02	
evening set	-6388 Dec 05 j 01:17	13°♑42'12	
conjunction	-6388 Dec 20 j 16:45	14°♑17'20	-0°07'52
minimum elong	-6388 Dec 20 j 16:45	14°♑17'20	0°08'07
behind sun begin	-6388 Dec 20 j 10:59	14°♑16'49	
behind sun end	-6388 Dec 20 j 22:31	14°♑17'52	
max. Earth dist.	-6388 Dec 21 j 17:46	14°♑19'42	30.95790 AU
morning rise	-6387 Jan 05 j 12:19	14°♑52'53	
	-6387 Jan 08 j 18:09	15°♑	
retrograde	-6387 Apr 07 j 02:33	16°♑51'46	
opposition	-6387 Jun 26 j 22:09	15°♑26'33	-0°11'25
min. Earth dist.	-6387 Jun 25 j 21:41	15°♑28'14	28.95346 AU
	-6387 Jul 13 j 04:11	15°℞♑	
direct	-6387 Sep 12 j 13:50	14°♑03'50	
	-6387 Nov 09 j 22:04	15°♑	
evening set	-6387 Dec 07 j 12:37	15°♑55'59	
conjunction	-6387 Dec 23 j 04:39	16°♑31'10	-0°13'24
minimum elong	-6387 Dec 23 j 04:38	16°♑31'10	0°13'41
behind sun begin	-6387 Dec 23 j 01:08	16°♑30'51	
behind sun end	-6387 Dec 23 j 08:08	16°♑31'29	
max. Earth dist.	-6387 Dec 24 j 06:11	16°♑33'34	30.94821 AU
morning rise	-6386 Jan 08 j 00:42	17°♑06'45	
retrograde	-6386 Apr 09 j 13:31	19°♑05'38	
min. Earth dist.	-6386 Jun 28 j 10:40	17°♑42'00	28.94360 AU
opposition	-6386 Jun 29 j 10:29	17°♑40'21	-0°17'20
direct	-6386 Sep 15 j 00:22	16°♑17'35	
evening set	-6386 Dec 09 j 23:50	18°♑09'42	
conjunction	-6386 Dec 25 j 16:25	18°♑44'55	-0°18'55
minimum elong	-6386 Dec 25 j 16:25	18°♑44'55	0°19'12
max. Earth dist.	-6386 Dec 26 j 18:00	18°♑47'20	30.93843 AU
morning rise	-6385 Jan 10 j 13:02	19°♑20'32	
retrograde	-6385 Apr 12 j 03:13	21°♑19'26	
opposition	-6385 Jul 01 j 22:38	19°♑54'04	-0°23'15
min. Earth dist.	-6385 Jun 30 j 21:45	19°♑55'48	28.93395 AU
direct	-6385 Sep 17 j 10:43	18°♑31'13	
evening set	-6385 Dec 12 j 11:23	20°♑23'21	
conjunction	-6385 Dec 28 j 04:23	20°♑58'36	-0°24'25
minimum elong	-6385 Dec 28 j 04:23	20°♑58'36	0°24'44
max. Earth dist.	-6385 Dec 29 j 06:00	21°♑01'00	30.92895 AU
morning rise	-6384 Jan 13 j 01:36	21°♑34'15	
retrograde	-6384 Apr 13 j 15:09	23°♑33'09	
min. Earth dist.	-6384 Jul 02 j 10:42	22°♑09'23	28.92499 AU
opposition	-6384 Jul 03 j 10:41	22°♑07'43	-0°29'07
direct	-6384 Sep 18 j 21:33	20°♑44'49	
evening set	-6384 Dec 13 j 22:54	22°♑36'57	
conjunction	-6384 Dec 29 j 16:32	23°♑12'14	-0°29'53
minimum elong	-6384 Dec 29 j 16:32	23°♑12'13	0°30'11
max. Earth dist.	-6384 Dec 30 j 19:02	23°♑14'43	30.92052 AU
morning rise	-6383 Jan 14 j 14:08	23°♑47'54	
retrograde	-6383 Apr 16 j 04:52	25°♑46'49	
opposition	-6383 Jul 05 j 22:37	24°♑21'20	-0°34'57
min. Earth dist.	-6383 Jul 04 j 21:26	24°♑23'05	28.91714 AU
direct	-6383 Sep 21 j 09:46	22°♑58'22	
evening set	-6383 Dec 16 j 10:32	24°♑50'32	
conjunction	-6382 Jan 01 j 04:28	25°♑25'50	-0°35'19
minimum elong	-6382 Jan 01 j 04:28	25°♑25'50	0°35'39
max. Earth dist.	-6382 Jan 02 j 06:26	25°♑28'17	30.91324 AU
morning rise	-6382 Jan 17 j 02:41	26°♑01'33	
retrograde	-6382 Apr 18 j 18:14	28°♑00'29	
min. Earth dist.	-6382 Jul 07 j 10:06	26°♑36'40	28.91068 AU
opposition	-6382 Jul 08 j 10:40	26°♑34'57	-0°40'43
direct	-6382 Sep 23 j 19:53	25°♑11'57	
evening set	-6382 Dec 18 j 22:10	27°♑04'09	
conjunction	-6381 Jan 03 j 16:47	27°♑39'30	-0°40'42
minimum elong	-6381 Jan 03 j 16:46	27°♑39'30	0°41'01
max. Earth dist.	-6381 Jan 04 j 20:01	27°♑42'04	30.90745 AU
morning rise	-6381 Jan 19 j 15:18	28°♑15'14	
	-6381 Mar 22 j 16:02	0°♐	
retrograde	-6381 Apr 21 j 07:35	0°♐14'11	
	-6381 May 21 j 08:46	30°℞♑	
opposition	-6381 Jul 10 j 22:30	28°♑48'39	-0°46'27
min. Earth dist.	-6381 Jul 09 j 21:06	28°♑50'26	28.90556 AU
direct	-6381 Sep 26 j 08:24	27°♑25'39	
evening set	-6381 Dec 21 j 10:07	29°♑17'53	
conjunction	-6380 Jan 06 j 05:03	29°♑53'16	-0°46'01
minimum elong	-6380 Jan 06 j 05:03	29°♑53'16	0°46'22
max. Earth dist.	-6380 Jan 07 j 07:21	29°♑55'45	30.90296 AU
	-6380 Jan 09 j 04:33	0°♐	
morning rise	-6380 Jan 22 j 04:14	0°♐29'03	
retrograde	-6380 Apr 22 j 22:47	2°♐28'01	
min. Earth dist.	-6380 Jul 11 j 09:20	1°♐04'15	28.90166 AU
opposition	-6380 Jul 12 j 10:28	1°♐02'29	-0°52'06
	-6380 Aug 23 j 13:32	30°℞♑	
direct	-6380 Sep 27 j 19:27	29°♑39'28	
	-6380 Nov 01 j 06:57	0°♐	
evening set	-6380 Dec 22 j 22:09	1°♐31'47	
conjunction	-6379 Jan 07 j 17:40	2°♐07'12	-0°51'16
minimum elong	-6379 Jan 07 j 17:40	2°♐07'12	0°51'37
max. Earth dist.	-6379 Jan 08 j 21:03	2°♐09'47	30.89935 AU
morning rise	-6379 Jan 23 j 17:07	2°♐43'00	
retrograde	-6379 Apr 25 j 10:49	4°♐42'00	
opposition	-6379 Jul 14 j 22:11	3°♐16'30	-0°57'41
min. Earth dist.	-6379 Jul 13 j 21:16	3°♐18'15	28.89836 AU
direct	-6379 Sep 30 j 07:17	1°♐53'30	
evening set	-6379 Dec 25 j 10:25	3°♐45'53	
conjunction	-6378 Jan 10 j 06:17	4°♐21'19	-0°56'27
minimum elong	-6378 Jan 10 j 06:16	4°♐21'19	0°56'50
max. Earth dist.	-6378 Jan 11 j 08:45	4°♐23'49	30.89631 AU
morning rise	-6378 Jan 26 j 06:15	4°♐57'10	
retrograde	-6378 Apr 28 j 00:56	6°♐56'11	
min. Earth dist.	-6378 Jul 16 j 09:01	5°♐32'29	28.89543 AU
opposition	-6378 Jul 17 j 10:03	5°♐30'44	-1°03'11
direct	-6378 Oct 02 j 17:48	4°♐07'43	
evening set	-6378 Dec 27 j 22:45	6°♐00'11	
conjunction	-6377 Jan 12 j 19:04	6°♐35'40	-1°01'34
minimum elong	-6377 Jan 12 j 19:04	6°♐35'40	1°01'55
max. Earth dist.	-6377 Jan 13 j 21:50	6°♐38'11	30.89311 AU
morning rise	-6377 Jan 28 j 19:24	7°♐11'32	
retrograde	-6377 Apr 30 j 12:58	9°♐10'35	
opposition	-6377 Jul 19 j 21:58	7°♐45'09	-1°08'36
min. Earth dist.	-6377 Jul 18 j 22:04	7°♐46'50	28.89204 AU
direct	-6377 Oct 05 j 04:23	6°♐22'08	
evening set	-6377 Dec 30 j 11:24	8°♐14'41	
conjunction	-6376 Jan 15 j 08:12	8°♐50'11	-1°06'35
minimum elong	-6376 Jan 15 j 08:11	8°♐50'11	1°06'57
max. Earth dist.	-6376 Jan 16 j 10:12	8°♐52'38	30.88939 AU
morning rise	-6376 Jan 31 j 08:55	9°♐26'04	

Attention, astronomical year style is used: The year -6376 in astronomical counting style is the year 6377 BCE in historical counting style.

retrograde	-6376 May 02 j 03:14	11°♐25'08	
min. Earth dist.	-6376 Jul 20 j 09:23	10°♐01'26	28.88789 AU
opposition	-6376 Jul 21 j 09:39	9°♐59'44	-1°13'54
direct	-6376 Oct 06 j 14:56	8°♐36'40	
evening set	-6375 Jan 01 j 00:16	10°♐29'18	
conjunction	-6375 Jan 16 j 21:24	11°♐04'50	-1°11'29
minimum elong	-6375 Jan 16 j 21:23	11°♐04'50	1°11'51
max. Earth dist.	-6375 Jan 17 j 22:37	11°♐07'12	30.88460 AU
morning rise	-6375 Feb 01 j 22:33	11°♐40'45	
retrograde	-6375 May 04 j 14:55	13°♐39'48	
opposition	-6375 Jul 23 j 21:33	12°♐14'23	-1°19'06
min. Earth dist.	-6375 Jul 22 j 22:49	12°♐15'59	28.88269 AU
direct	-6375 Oct 09 j 01:43	10°♐51'17	
evening set	-6374 Jan 03 j 12:54	12°♐43'58	
conjunction	-6374 Jan 19 j 10:34	13°♐19'31	-1°16'18
minimum elong	-6374 Jan 19 j 10:34	13°♐19'31	1°16'41
max. Earth dist.	-6374 Jan 20 j 11:52	13°♐21'54	30.87897 AU
morning rise	-6374 Feb 04 j 11:58	13°♐55'27	
retrograde	-6374 May 07 j 04:18	15°♐54'30	
min. Earth dist.	-6374 Jul 25 j 10:01	14°♐30'41	28.87670 AU
opposition	-6374 Jul 26 j 09:13	14°♐29'04	-1°24'11
direct	-6374 Oct 11 j 13:57	13°♐05'53	
evening set	-6373 Jan 06 j 01:52	14°♐58'38	
conjunction	-6373 Jan 21 j 23:47	15°♐34'13	-1°20'59
minimum elong	-6373 Jan 21 j 23:46	15°♐34'13	1°21'22
max. Earth dist.	-6373 Jan 22 j 23:49	15°♐36'28	30.87272 AU
morning rise	-6373 Feb 07 j 01:40	16°♐10'10	
retrograde	-6373 May 09 j 17:25	18°♐09'10	
opposition	-6373 Jul 28 j 20:51	16°♐43'42	-1°29'08
min. Earth dist.	-6373 Jul 27 j 23:01	16°♐45'14	28.87052 AU
direct	-6373 Oct 14 j 00:08	15°♐20'27	
evening set	-6372 Jan 08 j 14:44	17°♐13'15	
conjunction	-6372 Jan 24 j 13:14	17°♐48'51	-1°25'33
minimum elong	-6372 Jan 24 j 13:14	17°♐48'51	1°25'58
max. Earth dist.	-6372 Jan 25 j 13:54	17°♐51'10	30.86655 AU
morning rise	-6372 Feb 09 j 15:18	18°♐24'49	
retrograde	-6372 May 11 j 06:51	20°♐23'47	
min. Earth dist.	-6372 Jul 29 j 10:11	18°♐59'51	28.86453 AU
opposition	-6372 Jul 30 j 08:19	18°♐58'18	-1°33'57
direct	-6372 Oct 15 j 13:17	17°♐34'57	
evening set	-6371 Jan 10 j 03:51	19°♐27'50	
conjunction	-6371 Jan 26 j 02:32	20°♐03'27	-1°29'59
minimum elong	-6371 Jan 26 j 02:31	20°♐03'27	1°30'23
max. Earth dist.	-6371 Jan 27 j 01:45	20°♐05'38	30.86084 AU
morning rise	-6371 Feb 11 j 05:03	20°♐39'26	
retrograde	-6371 May 13 j 21:47	22°♐38'21	
opposition	-6371 Aug 01 j 19:42	21°♐12'50	-1°38'37
min. Earth dist.	-6371 Jul 31 j 22:10	21°♐14'21	28.85943 AU
direct	-6371 Oct 18 j 01:03	19°♐49'26	
evening set	-6370 Jan 12 j 16:50	21°♐42'23	
conjunction	-6370 Jan 28 j 16:01	22°♐18'02	-1°34'17
minimum elong	-6370 Jan 28 j 16:00	22°♐18'02	1°34'42
max. Earth dist.	-6370 Jan 29 j 16:07	22°♐20'18	30.85615 AU
morning rise	-6370 Feb 13 j 18:39	22°♐54'01	
retrograde	-6370 May 16 j 09:37	24°♐52'53	
min. Earth dist.	-6370 Aug 03 j 09:46	23°♐28'53	28.85541 AU
opposition	-6370 Aug 04 j 07:05	23°♐27'23	-1°43'08
direct	-6370 Oct 20 j 13:19	22°♐03'55	
evening set	-6369 Jan 15 j 05:53	23°♐56'57	
conjunction	-6369 Jan 31 j 05:21	24°♐32'37	-1°38'27
minimum elong	-6369 Jan 31 j 05:21	24°♐32'37	1°38'50
max. Earth dist.	-6369 Feb 01 j 04:23	24°♐34'46	30.85283 AU
morning rise	-6369 Feb 16 j 08:26	25°♐08'37	
retrograde	-6369 May 19 j 00:15	27°♐07'27	
opposition	-6369 Aug 06 j 18:26	25°♐41'58	-1°47'30
min. Earth dist.	-6369 Aug 05 j 21:03	25°♐43'28	28.85283 AU
direct	-6369 Oct 23 j 00:38	24°♐18'27	
evening set	-6368 Jan 17 j 19:10	26°♐11'34	
conjunction	-6368 Feb 02 j 19:02	26°♐47'16	-1°42'27
minimum elong	-6368 Feb 02 j 19:02	26°♐47'16	1°42'52
max. Earth dist.	-6368 Feb 03 j 18:23	26°♐49'27	30.85073 AU
morning rise	-6368 Feb 18 j 22:17	27°♐23'17	
retrograde	-6368 May 20 j 12:47	29°♐22'04	
min. Earth dist.	-6368 Aug 07 j 09:19	27°♐58'03	28.85141 AU
opposition	-6368 Aug 08 j 05:40	27°♐56'37	-1°51'42
direct	-6368 Oct 24 j 11:46	26°♐33'05	
evening set	-6367 Jan 19 j 08:32	28°♐26'18	
conjunction	-6367 Feb 04 j 08:45	29°♐02'00	-1°46'19
minimum elong	-6367 Feb 04 j 08:44	29°♐02'00	1°46'43
max. Earth dist.	-6367 Feb 05 j 07:22	29°♐04'08	30.84991 AU
morning rise	-6367 Feb 20 j 12:16	29°♐38'02	
	-6367 Mar 02 j 18:17	0°♑	
retrograde	-6367 May 23 j 02:39	1°♑36'47	
opposition	-6367 Aug 10 j 16:54	0°♑11'23	-1°55'44
min. Earth dist.	-6367 Aug 09 j 20:04	0°♑12'52	28.85108 AU
	-6367 Aug 17 j 10:47	30°℞♐	
direct	-6367 Oct 26 j 22:48	28°♐47'50	
	-6366 Jan 02 j 02:41	0°♑	
evening set	-6366 Jan 21 j 21:56	0°♑41'10	
conjunction	-6366 Feb 06 j 22:23	1°♑16'53	-1°50'00
minimum elong	-6366 Feb 06 j 22:22	1°♑16'53	1°50'26
max. Earth dist.	-6366 Feb 07 j 20:30	1°♑18'57	30.84981 AU
morning rise	-6366 Feb 23 j 02:09	1°♑52'55	
retrograde	-6366 May 25 j 13:44	3°♑51'39	
min. Earth dist.	-6366 Aug 12 j 08:57	2°♑27'41	28.85131 AU
opposition	-6366 Aug 13 j 04:15	2°♑26'19	-1°59'36
direct	-6366 Oct 29 j 09:09	1°♑02'44	
evening set	-6365 Jan 24 j 11:33	2°♑56'10	
conjunction	-6365 Feb 09 j 12:26	3°♑31'55	-1°53'32
minimum elong	-6365 Feb 09 j 12:25	3°♑31'55	1°53'57
max. Earth dist.	-6365 Feb 10 j 10:20	3°♑33'58	30.85013 AU
morning rise	-6365 Feb 25 j 16:20	4°♑07'57	
retrograde	-6365 May 28 j 03:19	6°♑06'39	
opposition	-6365 Aug 15 j 15:21	4°♑41'22	-2°03'17
min. Earth dist.	-6365 Aug 14 j 19:54	4°♑42'44	28.85157 AU
direct	-6365 Oct 31 j 20:32	3°♑17'44	
evening set	-6364 Jan 27 j 01:31	5°♑11'19	
conjunction	-6364 Feb 12 j 02:33	5°♑47'04	-1°56'53
minimum elong	-6364 Feb 12 j 02:33	5°♑47'04	1°57'19
max. Earth dist.	-6364 Feb 12 j 22:49	5°♑48'58	30.85006 AU
morning rise	-6364 Feb 28 j 06:47	6°♑23'07	
retrograde	-6364 May 29 j 15:56	8°♑21'46	
min. Earth dist.	-6364 Aug 16 j 09:00	6°♑57'46	28.85127 AU
opposition	-6364 Aug 17 j 02:41	6°♑56'31	-2°06'46
direct	-6364 Nov 02 j 06:22	5°♑32'50	
evening set	-6363 Jan 28 j 15:23	7°♑26'31	
conjunction	-6363 Feb 13 j 16:51	8°♑02'17	-2°00'04
minimum elong	-6363 Feb 13 j 16:51	8°♑02'17	2°00'28
max. Earth dist.	-6363 Feb 14 j 13:03	8°♑04'11	30.84922 AU
morning rise	-6363 Mar 01 j 21:05	8°♑38'20	
retrograde	-6363 Jun 01 j 04:35	10°♑36'55	

Attention, astronomical year style is used: The year -6363 in astronomical counting style is the year 6364 BCE in historical counting style.

opposition	-6363 Aug 19 j 13:48	9°♓11'42	-2°10'04
min. Earth dist.	-6363 Aug 18 j 20:22	9°♓12'56	28.84995 AU
direct	-6363 Nov 04 j 19:44	7°♓47'57	
evening set	-6362 Jan 31 j 05:27	9°♓41'43	
conjunction	-6362 Feb 16 j 07:03	10°♓17'30	-2°03'04
minimum elong	-6362 Feb 16 j 07:02	10°♓17'30	2°03'29
max. Earth dist.	-6362 Feb 17 j 01:04	10°♓19'11	30.84744 AU
morning rise	-6362 Mar 04 j 11:37	10°♓53'33	
retrograde	-6362 Jun 03 j 18:33	12°♓52'02	
min. Earth dist.	-6362 Aug 21 j 08:43	11°♓27'59	28.84787 AU
opposition	-6362 Aug 22 j 00:58	11°♓26'50	-2°13'10
direct	-6362 Nov 07 j 07:24	10°♓02'59	
evening set	-6361 Feb 02 j 19:19	11°♓56'50	
conjunction	-6361 Feb 18 j 21:23	12°♓32'38	-2°05'52
minimum elong	-6361 Feb 18 j 21:22	12°♓32'38	2°06'16
max. Earth dist.	-6361 Feb 19 j 15:34	12°♓34'20	30.84495 AU
morning rise	-6361 Mar 07 j 01:59	13°♓08'41	
retrograde	-6361 Jun 06 j 06:38	15°♓07'03	
opposition	-6361 Aug 24 j 12:01	13°♓41'51	-2°16'04
min. Earth dist.	-6361 Aug 23 j 20:40	13°♓42'56	28.84511 AU
direct	-6361 Nov 09 j 20:08	12°♓17'54	
evening set	-6360 Feb 05 j 09:28	14°♓11'50	
conjunction	-6360 Feb 21 j 11:42	14°♓47'38	-2°08'29
minimum elong	-6360 Feb 21 j 11:42	14°♓47'38	2°08'54
max. Earth dist.	-6360 Feb 22 j 04:02	14°♓49'10	30.84214 AU
morning rise	-6360 Mar 08 j 16:36	15°♓23'41	
retrograde	-6360 Jun 07 j 21:12	17°♓21'56	
opposition	-6360 Aug 25 j 22:51	15°♓56'43	-2°18'45
min. Earth dist.	-6360 Aug 25 j 07:58	15°♓57'47	28.84242 AU
direct	-6360 Nov 11 j 08:24	14°♓32'41	
evening set	-6359 Feb 06 j 23:31	16°♓26'41	
conjunction	-6359 Feb 23 j 02:04	17°♓02'30	-2°10'54
minimum elong	-6359 Feb 23 j 02:04	17°♓02'30	2°11'18
max. Earth dist.	-6359 Feb 23 j 18:25	17°♓04'02	30.83951 AU
morning rise	-6359 Mar 11 j 06:59	17°♓38'33	
retrograde	-6359 Jun 10 j 09:20	19°♓36'41	
opposition	-6359 Aug 28 j 09:46	18°♓11'28	-2°21'14
min. Earth dist.	-6359 Aug 27 j 20:12	18°♓12'26	28.84019 AU
direct	-6359 Nov 13 j 20:35	16°♓47'21	
evening set	-6358 Feb 09 j 13:23	18°♓41'26	
conjunction	-6358 Feb 25 j 16:11	19°♓17'15	-2°13'07
minimum elong	-6358 Feb 25 j 16:11	19°♓17'15	2°13'31
max. Earth dist.	-6358 Feb 26 j 07:28	19°♓18'41	30.83779 AU
morning rise	-6358 Mar 13 j 21:18	19°♓53'18	
retrograde	-6358 Jun 12 j 22:48	21°♓51'20	
opposition	-6358 Aug 30 j 20:32	20°♓26'07	-2°23'29
min. Earth dist.	-6358 Aug 30 j 06:36	20°♓27'07	28.83907 AU
direct	-6358 Nov 16 j 08:41	19°♓01'55	
evening set	-6357 Feb 12 j 03:30	20°♓56'06	
conjunction	-6357 Feb 28 j 06:31	21°♓31'55	-2°15'08
minimum elong	-6357 Feb 28 j 06:30	21°♓31'55	2°15'31
max. Earth dist.	-6357 Feb 28 j 21:13	21°♓33'18	30.83718 AU
morning rise	-6357 Mar 16 j 11:44	22°♓07'58	
retrograde	-6357 Jun 15 j 09:57	24°♓05'54	
opposition	-6357 Sep 02 j 07:17	22°♓40'44	-2°25'32
min. Earth dist.	-6357 Sep 01 j 18:52	22°♓41'37	28.83927 AU
direct	-6357 Nov 18 j 19:16	21°♓16'28	
evening set	-6356 Feb 14 j 17:35	23°♓10'44	
conjunction	-6356 Mar 01 j 20:57	23°♓46'35	-2°16'56
minimum elong	-6356 Mar 01 j 20:57	23°♓46'35	2°17'20
max. Earth dist.	-6356 Mar 02 j 11:20	23°♓47'55	30.83815 AU
morning rise	-6356 Mar 18 j 02:15	24°♓22'37	
retrograde	-6356 Jun 16 j 23:23	26°♓20'27	
opposition	-6356 Sep 03 j 17:56	24°♓55'21	-2°27'21
min. Earth dist.	-6356 Sep 03 j 05:07	24°♓56'16	28.84095 AU
direct	-6356 Nov 20 j 06:41	23°♓31'02	
evening set	-6355 Feb 16 j 07:46	25°♓25'26	
conjunction	-6355 Mar 04 j 11:12	26°♓01'17	-2°18'32
minimum elong	-6355 Mar 04 j 11:12	26°♓01'17	2°18'55
max. Earth dist.	-6355 Mar 05 j 00:20	26°♓02'30	30.84048 AU
morning rise	-6355 Mar 20 j 16:39	26°♓37'19	
retrograde	-6355 Jun 19 j 10:46	28°♓35'04	
opposition	-6355 Sep 06 j 04:41	27°♓10'02	-2°28'57
min. Earth dist.	-6355 Sep 05 j 17:19	27°♓10'51	28.84409 AU
direct	-6355 Nov 22 j 16:09	25°♓45'42	
evening set	-6354 Feb 18 j 21:51	27°♓40'13	
conjunction	-6354 Mar 07 j 01:42	28°♓16'05	-2°19'55
minimum elong	-6354 Mar 07 j 01:42	28°♓16'05	2°20'19
max. Earth dist.	-6354 Mar 07 j 15:03	28°♓17'20	30.84426 AU
morning rise	-6354 Mar 23 j 07:07	28°♓52'07	
	-6354 Apr 26 j 21:03	0°♒	
retrograde	-6354 Jun 21 j 22:41	0°♒49'47	
	-6354 Aug 18 j 09:27	30°℞♓	
opposition	-6354 Sep 08 j 15:15	29°♓24'51	-2°30'18
min. Earth dist.	-6354 Sep 08 j 03:58	29°♓25'39	28.84833 AU
direct	-6354 Nov 25 j 04:53	28°♓00'30	
evening set	-6353 Feb 21 j 12:13	29°♓55'09	
	-6353 Feb 23 j 17:28	0°♒	
conjunction	-6353 Mar 09 j 16:08	0°♒31'02	-2°21'06
minimum elong	-6353 Mar 09 j 16:08	0°♒31'02	2°21'28
max. Earth dist.	-6353 Mar 10 j 03:29	0°♒32'05	30.84889 AU
morning rise	-6353 Mar 25 j 21:49	1°♒07'04	
retrograde	-6353 Jun 24 j 12:04	3°♒04'39	
opposition	-6353 Sep 11 j 01:57	1°♒39'49	-2°31'26
min. Earth dist.	-6353 Sep 10 j 15:51	1°♒40'32	28.85322 AU
direct	-6353 Nov 27 j 15:50	0°♒15'26	
evening set	-6352 Feb 24 j 02:38	2°♒10'14	
conjunction	-6352 Mar 11 j 06:55	2°♒46'07	-2°22'03
minimum elong	-6352 Mar 11 j 06:56	2°♒46'07	2°22'25
max. Earth dist.	-6352 Mar 11 j 18:17	2°♒47'11	30.85372 AU
morning rise	-6352 Mar 27 j 12:28	3°♒22'09	
retrograde	-6352 Jun 26 j 00:11	5°♒19'39	
opposition	-6352 Sep 12 j 12:32	3°♒54'55	-2°32'21
min. Earth dist.	-6352 Sep 12 j 03:32	3°♒55'33	28.85790 AU
direct	-6352 Nov 29 j 03:45	2°♒30'30	
evening set	-6351 Feb 25 j 17:14	4°♒25'26	
conjunction	-6351 Mar 13 j 21:35	5°♒01'20	-2°22'47
minimum elong	-6351 Mar 13 j 21:35	5°♒01'20	2°23'09
max. Earth dist.	-6351 Mar 14 j 06:40	5°♒02'10	30.85821 AU
morning rise	-6351 Mar 30 j 03:20	5°♒37'21	
retrograde	-6351 Jun 28 j 14:56	7°♒34'45	
opposition	-6351 Sep 14 j 23:15	6°♒10'05	-2°33'01
min. Earth dist.	-6351 Sep 14 j 14:57	6°♒10'40	28.86211 AU
direct	-6351 Dec 01 j 16:27	4°♒45'37	
evening set	-6350 Feb 28 j 07:35	6°♒40'39	
conjunction	-6350 Mar 16 j 12:15	7°♒16'34	-2°23'19
minimum elong	-6350 Mar 16 j 12:16	7°♒16'34	2°23'39
max. Earth dist.	-6350 Mar 16 j 21:01	7°♒17'23	30.86190 AU
morning rise	-6350 Apr 01 j 17:56	7°♒52'35	
retrograde	-6350 Jul 01 j 02:55	9°♒49'51	
opposition	-6350 Sep 17 j 10:01	8°♒25'14	-2°33'27

Attention, astronomical year style is used: The year -6350 in astronomical counting style is the year 6351 BCE in historical counting style.

min. Earth dist.	-6350 Sep 17 j 03:29	8°♒25'42	28.86537 AU
direct	-6350 Dec 04 j 05:27	7°♒00'44	
evening set	-6349 Mar 02 j 22:10	8°♒55'50	
conjunction	-6349 Mar 19 j 03:00	9°♒31'45	-2°23'37
minimum elong	-6349 Mar 19 j 03:01	9°♒31'45	2°23'57
max. Earth dist.	-6349 Mar 19 j 09:50	9°♒32'23	30.86486 AU
morning rise	-6349 Apr 04 j 08:51	10°♒07'46	
retrograde	-6349 Jul 03 j 16:32	12°♒04'53	
opposition	-6349 Sep 19 j 20:27	10°♒40'18	-2°33'40
min. Earth dist.	-6349 Sep 19 j 14:09	10°♒40'45	28.86794 AU
direct	-6349 Dec 06 j 18:25	9°♒15'42	
evening set	-6348 Mar 04 j 12:46	11°♒10'54	
conjunction	-6348 Mar 20 j 17:48	11°♒46'49	-2°23'42
minimum elong	-6348 Mar 20 j 17:49	11°♒46'49	2°24'03
max. Earth dist.	-6348 Mar 20 j 23:36	11°♒47'21	30.86713 AU
morning rise	-6348 Apr 05 j 23:38	12°♒22'49	
retrograde	-6348 Jul 05 j 04:18	14°♒19'46	
opposition	-6348 Sep 21 j 07:06	12°♒55'13	-2°33'38
min. Earth dist.	-6348 Sep 21 j 02:46	12°♒55'31	28.87011 AU
direct	-6348 Dec 08 j 05:54	11°♒30'33	
evening set	-6347 Mar 07 j 03:05	13°♒25'47	
conjunction	-6347 Mar 23 j 08:20	14°♒01'42	-2°23'35
minimum elong	-6347 Mar 23 j 08:21	14°♒01'42	2°23'54
max. Earth dist.	-6347 Mar 23 j 13:16	14°♒02'10	30.86937 AU
morning rise	-6347 Apr 08 j 14:10	14°♒37'41	
	-6347 Apr 19 j 01:45	15°♒	
retrograde	-6347 Jul 07 j 17:35	16°♒34'28	
opposition	-6347 Sep 23 j 17:28	15°♒09'56	-2°33'23
min. Earth dist.	-6347 Sep 23 j 13:03	15°♒10'15	28.87242 AU
	-6347 Sep 29 j 13:20	15°℞♒	
direct	-6347 Dec 10 j 18:27	13°♒45'11	
	-6346 Feb 18 j 04:09	15°♒	
evening set	-6346 Mar 09 j 17:32	15°♒40'28	
conjunction	-6346 Mar 25 j 22:51	16°♒16'24	-2°23'14
minimum elong	-6346 Mar 25 j 22:52	16°♒16'24	2°23'33
max. Earth dist.	-6346 Mar 26 j 02:23	16°♒16'43	30.87192 AU
morning rise	-6346 Apr 11 j 04:46	16°♒52'23	
retrograde	-6346 Jul 10 j 03:46	18°♒48'59	
opposition	-6346 Sep 26 j 03:51	17°♒24'29	-2°32'54
min. Earth dist.	-6346 Sep 26 j 01:06	17°♒24'41	28.87546 AU
direct	-6346 Dec 13 j 04:49	15°♒59'38	
evening set	-6345 Mar 12 j 07:48	17°♒54'59	
conjunction	-6345 Mar 28 j 13:28	18°♒30'54	-2°22'41
minimum elong	-6345 Mar 28 j 13:28	18°♒30'54	2°22'59
max. Earth dist.	-6345 Mar 28 j 16:57	18°♒31'14	30.87547 AU
morning rise	-6345 Apr 13 j 19:18	19°♒06'53	
retrograde	-6345 Jul 12 j 14:39	21°♒03'18	
opposition	-6345 Sep 28 j 14:10	19°♒38'51	-2°32'11
min. Earth dist.	-6345 Sep 28 j 11:32	19°♒39'03	28.87946 AU
direct	-6345 Dec 15 j 17:46	18°♒13'56	
evening set	-6344 Mar 13 j 22:16	20°♒09'21	
conjunction	-6344 Mar 30 j 03:54	20°♒45'16	-2°21'54
minimum elong	-6344 Mar 30 j 03:54	20°♒45'16	2°22'11
max. Earth dist.	-6344 Mar 30 j 05:30	20°♒45'25	30.88013 AU
morning rise	-6344 Apr 15 j 09:51	21°♒21'14	
retrograde	-6344 Jul 14 j 02:34	23°♒17'30	
opposition	-6344 Sep 30 j 00:29	21°♒53'06	-2°31'14
min. Earth dist.	-6344 Sep 29 j 22:44	21°♒53'14	28.88491 AU
direct	-6344 Dec 17 j 04:06	20°♒28'07	
evening set	-6343 Mar 16 j 12:30	22°♒23'37	

conjunction	-6343 Apr 01 j 18:27	22°♒59'33	-2°20'55
minimum elong	-6343 Apr 01 j 18:27	22°♒59'33	2°21'12
max. Earth dist.	-6343 Apr 01 j 20:22	22°♒59'43	30.88632 AU
morning rise	-6343 Apr 18 j 00:13	23°♒35'29	
retrograde	-6343 Jul 16 j 13:23	25°♒31'37	
opposition	-6343 Oct 02 j 10:51	24°♒07'18	-2°30'04
min. Earth dist.	-6343 Oct 02 j 09:47	24°♒07'23	28.89176 AU
direct	-6343 Dec 19 j 16:00	22°♒42'17	
evening set	-6342 Mar 19 j 02:44	24°♒37'52	
conjunction	-6342 Apr 04 j 08:42	25°♒13'48	-2°19'42
minimum elong	-6342 Apr 04 j 08:43	25°♒13'48	2°19'58
max. Earth dist.	-6342 Apr 04 j 08:46	25°♒13'48	30.89400 AU
morning rise	-6342 Apr 20 j 14:39	25°♒49'44	
retrograde	-6342 Jul 19 j 02:32	27°♒45'44	
opposition	-6342 Oct 04 j 21:08	26°♒21'30	-2°28'39
min. Earth dist.	-6342 Oct 04 j 20:25	26°♒21'33	28.90002 AU
direct	-6342 Dec 22 j 04:21	24°♒56'29	
evening set	-6341 Mar 21 j 17:05	26°♒52'10	
conjunction	-6341 Apr 06 j 23:19	27°♒28'06	-2°18'17
minimum elong	-6341 Apr 06 j 23:20	27°♒28'06	2°18'33
max. Earth dist.	-6341 Apr 06 j 23:29	27°♒28'07	30.90271 AU
morning rise	-6341 Apr 23 j 05:05	28°♒04'02	
retrograde	-6341 Jul 21 j 13:46	29°♒59'54	
opposition	-6341 Oct 07 j 07:26	28°♒35'47	-2°27'01
min. Earth dist.	-6341 Oct 07 j 08:22	28°♒35'43	28.90901 AU
direct	-6341 Dec 24 j 16:46	27°♒10'46	
evening set	-6340 Mar 23 j 07:37	29°♒06'33	
conjunction	-6340 Apr 08 j 13:52	29°♒42'30	-2°16'39
minimum elong	-6340 Apr 08 j 13:53	29°♒42'30	2°16'53
max. Earth dist.	-6340 Apr 08 j 12:13	29°♒42'21	30.91202 AU
	-6340 Apr 16 j 10:27	0°♓	
morning rise	-6340 Apr 24 j 19:42	0°♓18'25	
retrograde	-6340 Jul 23 j 03:33	2°♓14'10	
opposition	-6340 Oct 08 j 17:46	0°♓50'10	-2°25'10
min. Earth dist.	-6340 Oct 08 j 18:47	0°♓50'06	28.91827 AU
	-6340 Nov 09 j 04:07	30°℞♒	
direct	-6340 Dec 26 j 05:30	29°♒25'09	
	-6339 Feb 10 j 12:30	0°♓	
evening set	-6339 Mar 25 j 21:58	1°♓21'03	
conjunction	-6339 Apr 11 j 04:20	1°♓57'00	-2°14'49
minimum elong	-6339 Apr 11 j 04:20	1°♓57'00	2°15'02
max. Earth dist.	-6339 Apr 11 j 01:52	1°♓56'46	30.92105 AU
morning rise	-6339 Apr 27 j 10:01	2°♓32'54	
retrograde	-6339 Jul 25 j 15:36	4°♓28'32	
opposition	-6339 Oct 11 j 04:17	3°♓04'38	-2°23'05
min. Earth dist.	-6339 Oct 11 j 07:20	3°♓04'25	28.92704 AU
direct	-6339 Dec 28 j 17:11	1°♓39'37	
evening set	-6338 Mar 28 j 12:25	3°♓35'36	
conjunction	-6338 Apr 13 j 18:55	4°♓11'33	-2°12'46
minimum elong	-6338 Apr 13 j 18:56	4°♓11'33	2°12'59
max. Earth dist.	-6338 Apr 13 j 15:04	4°♓11'12	30.92951 AU
morning rise	-6338 Apr 30 j 00:34	4°♓47'27	
retrograde	-6338 Jul 28 j 05:00	6°♓42'56	
opposition	-6338 Oct 13 j 14:33	5°♓19'08	-2°20'47
min. Earth dist.	-6338 Oct 13 j 17:52	5°♓18'54	28.93490 AU
direct	-6338 Dec 31 j 06:12	3°♓54'06	
evening set	-6337 Mar 31 j 02:59	5°♓50'08	
conjunction	-6337 Apr 16 j 09:30	6°♓26'06	-2°10'31
minimum elong	-6337 Apr 16 j 09:31	6°♓26'06	2°10'44
max. Earth dist.	-6337 Apr 16 j 03:54	6°♓25'35	30.93684 AU
morning rise	-6337 May 02 j 15:07	7°♓02'00	

Attention, astronomical year style is used: The year -6337 in astronomical counting style is the year 6338 BCE in historical counting style.

retrograde	-6337 Jul 30 j 15:36	8°♓57'20	
opposition	-6337 Oct 16 j 01:03	7°♓33'36	-2°18'17
min. Earth dist.	-6337 Oct 16 j 06:22	7°♓33'13	28.94173 AU
direct	-6336 Jan 02 j 17:10	6°♓08'31	
evening set	-6336 Apr 01 j 17:21	8°♓04'37	
conjunction	-6336 Apr 18 j 00:03	8°♓40'35	-2°08'05
minimum elong	-6336 Apr 18 j 00:03	8°♓40'35	2°08'16
max. Earth dist.	-6336 Apr 17 j 17:51	8°♓40'01	30.94324 AU
morning rise	-6336 May 04 j 05:28	9°♓16'28	
retrograde	-6336 Aug 01 j 02:30	11°♓11'37	
opposition	-6336 Oct 17 j 11:22	9°♓47'58	-2°15'35
min. Earth dist.	-6336 Oct 17 j 17:13	9°♓47'33	28.94757 AU
direct	-6335 Jan 04 j 06:15	8°♓22'50	
evening set	-6335 Apr 04 j 07:44	10°♓18'58	
conjunction	-6335 Apr 20 j 14:21	10°♓54'56	-2°05'28
minimum elong	-6335 Apr 20 j 14:22	10°♓54'56	2°05'39
max. Earth dist.	-6335 Apr 20 j 06:00	10°♓54'09	30.94889 AU
morning rise	-6335 May 06 j 19:48	11°♓30'48	
retrograde	-6335 Aug 03 j 14:01	13°♓25'47	
opposition	-6335 Oct 19 j 21:40	12°♓02'10	-2°12'40
min. Earth dist.	-6335 Oct 20 j 04:42	12°♓01'40	28.95308 AU
direct	-6334 Jan 06 j 16:27	10°♓36'58	
evening set	-6334 Apr 06 j 21:44	12°♓33'09	
conjunction	-6334 Apr 23 j 04:35	13°♓09'06	-2°02'39
minimum elong	-6334 Apr 23 j 04:36	13°♓09'06	2°02'48
max. Earth dist.	-6334 Apr 22 j 20:17	13°♓08'20	30.95434 AU
morning rise	-6334 May 09 j 09:49	13°♓44'57	
retrograde	-6334 Aug 05 j 23:34	15°♓39'46	
opposition	-6334 Oct 22 j 07:58	14°♓16'12	-2°09'34
min. Earth dist.	-6334 Oct 22 j 16:00	14°♓15'37	28.95842 AU
direct	-6333 Jan 09 j 04:48	12°♓50'56	
evening set	-6333 Apr 09 j 11:59	14°♓47'08	
conjunction	-6333 Apr 25 j 18:41	15°♓23'05	-1°59'40
minimum elong	-6333 Apr 25 j 18:42	15°♓23'05	1°59'49
max. Earth dist.	-6333 Apr 25 j 08:18	15°♓22'07	30.95995 AU
morning rise	-6333 May 11 j 23:57	15°♓58'56	
retrograde	-6333 Aug 08 j 11:10	17°♓53'34	
opposition	-6333 Oct 24 j 18:06	16°♓30'02	-2°06'17
min. Earth dist.	-6333 Oct 25 j 02:30	16°♓29'26	28.96430 AU
direct	-6332 Jan 11 j 17:25	15°♓04'42	
evening set	-6332 Apr 11 j 01:57	17°♓00'57	
conjunction	-6332 Apr 27 j 08:49	17°♓36'54	-1°56'30
minimum elong	-6332 Apr 27 j 08:50	17°♓36'54	1°56'37
max. Earth dist.	-6332 Apr 26 j 22:43	17°♓35'58	30.96621 AU
morning rise	-6332 May 13 j 13:45	18°♓12'42	
retrograde	-6332 Aug 09 j 21:06	20°♓07'11	
opposition	-6332 Oct 26 j 04:27	18°♓43'42	-2°02'48
min. Earth dist.	-6332 Oct 26 j 14:14	18°♓43'00	28.97099 AU
direct	-6331 Jan 13 j 05:46	17°♓18'20	
evening set	-6331 Apr 13 j 15:46	19°♓14'37	
conjunction	-6331 Apr 29 j 22:29	19°♓50'33	-1°53'10
minimum elong	-6331 Apr 29 j 22:30	19°♓50'33	1°53'17
max. Earth dist.	-6331 Apr 29 j 10:56	19°♓49'28	30.97360 AU
morning rise	-6331 May 16 j 03:25	20°♓26'21	
retrograde	-6331 Aug 12 j 09:40	22°♓20'40	
opposition	-6331 Oct 28 j 14:39	20°♓57'14	-1°59'09
min. Earth dist.	-6331 Oct 29 j 00:01	20°♓56'34	28.97894 AU
direct	-6330 Jan 15 j 18:32	19°♓31'50	
evening set	-6330 Apr 16 j 05:35	21°♓28'10	
conjunction	-6330 May 02 j 12:22	22°♓04'06	-1°49'40
minimum elong	-6330 May 02 j 12:23	22°♓04'06	1°49'45
max. Earth dist.	-6330 May 02 j 00:38	22°♓03'01	30.98218 AU
morning rise	-6330 May 18 j 17:02	22°♓39'52	
retrograde	-6330 Aug 14 j 21:00	24°♓34'03	
opposition	-6330 Oct 31 j 00:51	23°♓10'42	-1°55'19
min. Earth dist.	-6330 Oct 31 j 11:48	23°♓09'55	28.98812 AU
direct	-6329 Jan 18 j 06:59	21°♓45'18	
evening set	-6329 Apr 18 j 19:28	23°♓41'41	
conjunction	-6329 May 05 j 02:11	24°♓17'37	-1°45'59
minimum elong	-6329 May 05 j 02:12	24°♓17'37	1°46'05
max. Earth dist.	-6329 May 04 j 13:31	24°♓16'26	30.99204 AU
morning rise	-6329 May 21 j 06:44	24°♓53'22	
retrograde	-6329 Aug 17 j 09:32	26°♓47'24	
opposition	-6329 Nov 02 j 11:03	25°♓24'09	-1°51'18
min. Earth dist.	-6329 Nov 02 j 21:46	25°♓23'23	28.99823 AU
direct	-6328 Jan 20 j 20:50	23°♓58'46	
evening set	-6328 Apr 20 j 09:20	25°♓55'12	
conjunction	-6328 May 06 j 15:55	26°♓31'07	-1°42'10
minimum elong	-6328 May 06 j 15:56	26°♓31'08	1°42'13
max. Earth dist.	-6328 May 06 j 02:15	26°♓29'51	31.00248 AU
morning rise	-6328 May 22 j 20:13	27°♓06'52	
retrograde	-6328 Aug 18 j 20:15	29°♓00'47	
opposition	-6328 Nov 03 j 21:23	27°♓37'37	-1°47'07
min. Earth dist.	-6328 Nov 04 j 09:42	27°♓36'45	29.00885 AU
direct	-6327 Jan 22 j 07:45	26°♓12'15	
evening set	-6327 Apr 22 j 23:06	28°♓08'44	
conjunction	-6327 May 09 j 05:41	28°♓44'40	-1°38'10
minimum elong	-6327 May 09 j 05:41	28°♓44'40	1°38'14
max. Earth dist.	-6327 May 08 j 15:43	28°♓43'22	31.01316 AU
morning rise	-6327 May 25 j 09:43	29°♓20'23	
	-6327 Jun 13 j 13:20	0°♈	
retrograde	-6327 Aug 21 j 07:40	1°♈14'10	
	-6327 Nov 01 j 01:43	30°℞♓	
opposition	-6327 Nov 06 j 07:39	29°♓51'07	-1°42'47
min. Earth dist.	-6327 Nov 06 j 20:23	29°♓50'13	29.01923 AU
direct	-6326 Jan 24 j 20:50	28°♓25'45	
	-6326 Apr 15 j 00:17	0°♈	
evening set	-6326 Apr 25 j 12:56	0°♈22'17	
conjunction	-6326 May 11 j 19:18	0°♈58'12	-1°34'02
minimum elong	-6326 May 11 j 19:19	0°♈58'12	1°34'03
max. Earth dist.	-6326 May 11 j 03:23	0°♈56'43	31.02327 AU
morning rise	-6326 May 27 j 23:13	1°♈33'54	
retrograde	-6326 Aug 23 j 19:07	3°♈27'33	
opposition	-6326 Nov 08 j 18:03	2°♈04'35	-1°38'17
min. Earth dist.	-6326 Nov 09 j 07:55	2°♈03'36	29.02892 AU
direct	-6325 Jan 27 j 07:20	0°♈39'12	
evening set	-6325 Apr 28 j 02:43	2°♈35'46	
conjunction	-6325 May 14 j 09:05	3°♈11'40	-1°29'46
minimum elong	-6325 May 14 j 09:06	3°♈11'40	1°29'47
max. Earth dist.	-6325 May 13 j 17:02	3°♈10'11	31.03243 AU
morning rise	-6325 May 30 j 12:35	3°♈47'21	
retrograde	-6325 Aug 26 j 04:09	5°♈40'51	
opposition	-6325 Nov 11 j 04:28	4°♈17'58	-1°33'39
min. Earth dist.	-6325 Nov 11 j 19:31	4°♈16'54	29.03740 AU
direct	-6324 Jan 29 j 20:11	2°♈52'34	
evening set	-6324 Apr 29 j 16:35	4°♈49'09	
conjunction	-6324 May 15 j 22:37	5°♈25'02	-1°25'22
minimum elong	-6324 May 15 j 22:38	5°♈25'02	1°25'22
max. Earth dist.	-6324 May 15 j 04:20	5°♈23'20	31.04048 AU
morning rise	-6324 Jun 01 j 02:00	6°♈00'42	
retrograde	-6324 Aug 27 j 15:08	7°♈54'03	

Attention, astronomical year style is used: The year -6324 in astronomical counting style is the year 6325 BCE in historical counting style.

opposition	-6324 Nov 12 j 14:54	6°♈31'12	-1°28'53
min. Earth dist.	-6324 Nov 13 j 06:21	6°♈30'07	29.04493 AU
direct	-6323 Jan 31 j 07:55	5°♈05'46	
evening set	-6323 May 02 j 05:58	7°♈02'21	
conjunction	-6323 May 18 j 12:01	7°♈38'14	-1°20'51
minimum elong	-6323 May 18 j 12:01	7°♈38'14	1°20'51
max. Earth dist.	-6323 May 17 j 17:54	7°♈36'33	31.04756 AU
morning rise	-6323 Jun 03 j 14:56	8°♈13'52	
retrograde	-6323 Aug 30 j 00:26	10°♈07'05	
opposition	-6323 Nov 15 j 01:22	8°♈44'15	-1°24'00
min. Earth dist.	-6323 Nov 15 j 18:29	8°♈43'03	29.05155 AU
direct	-6322 Feb 02 j 19:50	7°♈18'47	
evening set	-6322 May 04 j 19:32	9°♈15'22	
max. Earth dist.	-6322 May 20 j 05:25	9°♈49'23	31.05403 AU
conjunction	-6322 May 21 j 01:16	9°♈51'13	-1°16'14
minimum elong	-6322 May 21 j 01:16	9°♈51'13	1°16'11
morning rise	-6322 Jun 06 j 04:03	10°♈26'50	
retrograde	-6322 Sep 01 j 11:56	12°♈19'53	
opposition	-6322 Nov 17 j 11:31	10°♈57'06	-1°19'00
min. Earth dist.	-6322 Nov 18 j 04:28	10°♈55'54	29.05777 AU
direct	-6321 Feb 05 j 08:47	9°♈31'35	
evening set	-6321 May 07 j 08:55	11°♈28'10	
conjunction	-6321 May 23 j 14:31	12°♈04'00	-1°11'29
minimum elong	-6321 May 23 j 14:32	12°♈04'00	1°11'27
max. Earth dist.	-6321 May 22 j 18:31	12°♈02'08	31.06018 AU
morning rise	-6321 Jun 08 j 16:51	12°♈39'34	
retrograde	-6321 Sep 03 j 22:16	14°♈32'30	
opposition	-6321 Nov 19 j 21:59	13°♈09'43	-1°13'53
min. Earth dist.	-6321 Nov 20 j 16:30	13°♈08'25	29.06400 AU
direct	-6320 Feb 07 j 21:39	11°♈44'10	
evening set	-6320 May 08 j 22:05	13°♈40'45	
max. Earth dist.	-6320 May 24 j 06:37	14°♈14'38	31.06672 AU
conjunction	-6320 May 25 j 03:22	14°♈16'33	-1°06'40
minimum elong	-6320 May 25 j 03:23	14°♈16'33	1°06'35
morning rise	-6320 Jun 10 j 05:26	14°♈52'06	
retrograde	-6320 Sep 05 j 09:41	16°♈44'53	
opposition	-6320 Nov 21 j 08:17	15°♈22'09	-1°08'40
min. Earth dist.	-6320 Nov 22 j 02:18	15°♈20'53	29.07077 AU
direct	-6319 Feb 09 j 11:50	13°♈56'34	
evening set	-6319 May 11 j 11:10	15°♈53'09	
conjunction	-6319 May 27 j 16:10	16°♈28'57	-1°01'44
minimum elong	-6319 May 27 j 16:11	16°♈28'57	1°01'40
max. Earth dist.	-6319 May 26 j 18:53	16°♈26'58	31.07396 AU
morning rise	-6319 Jun 12 j 17:50	17°♈04'27	
retrograde	-6319 Sep 07 j 19:56	18°♈57'08	
opposition	-6319 Nov 23 j 18:38	17°♈34'26	-1°03'21
min. Earth dist.	-6319 Nov 24 j 13:45	17°♈33'06	29.07865 AU
direct	-6318 Feb 11 j 22:59	16°♈08'50	
evening set	-6318 May 14 j 00:04	18°♈05'27	
max. Earth dist.	-6318 May 29 j 07:50	18°♈39'15	31.08250 AU
conjunction	-6318 May 30 j 04:53	18°♈41'13	-0°56'43
minimum elong	-6318 May 30 j 04:54	18°♈41'13	0°56'37
morning rise	-6318 Jun 15 j 06:09	19°♈16'42	
retrograde	-6318 Sep 10 j 06:46	21°♈09'15	
opposition	-6318 Nov 26 j 04:59	19°♈46'38	-0°57'56
min. Earth dist.	-6318 Nov 26 j 23:57	19°♈45'18	29.08764 AU
direct	-6317 Feb 14 j 12:36	18°♈21'03	
evening set	-6317 May 16 j 13:06	20°♈17'41	
conjunction	-6317 Jun 01 j 17:27	20°♈53'26	-0°51'37
minimum elong	-6317 Jun 01 j 17:28	20°♈53'26	0°51'31
max. Earth dist.	-6317 May 31 j 19:15	20°♈51'22	31.09216 AU
morning rise	-6317 Jun 17 j 18:23	21°♈28'53	
retrograde	-6317 Sep 12 j 17:48	23°♈21'22	
opposition	-6317 Nov 28 j 15:22	21°♈58'49	-0°52'27
min. Earth dist.	-6317 Nov 29 j 10:42	21°♈57'28	29.09790 AU
direct	-6316 Feb 16 j 23:11	20°♈33'17	
evening set	-6316 May 18 j 01:54	22°♈29'56	
max. Earth dist.	-6316 Jun 02 j 08:33	23°♈03'40	31.10293 AU
conjunction	-6316 Jun 03 j 06:05	23°♈05'40	-0°46'27
minimum elong	-6316 Jun 03 j 06:05	23°♈05'40	0°46'19
morning rise	-6316 Jun 19 j 06:28	23°♈41'06	
retrograde	-6316 Sep 14 j 02:27	25°♈33'30	
opposition	-6316 Nov 30 j 01:54	24°♈11'04	-0°46'53
min. Earth dist.	-6316 Nov 30 j 21:52	24°♈09'40	29.10889 AU
direct	-6315 Feb 18 j 11:43	22°♈45'35	
evening set	-6315 May 20 j 14:40	24°♈42'16	
conjunction	-6315 Jun 05 j 18:18	25°♈17'58	-0°41'12
minimum elong	-6315 Jun 05 j 18:19	25°♈17'58	0°41'04
max. Earth dist.	-6315 Jun 04 j 19:16	25°♈15'50	31.11418 AU
morning rise	-6315 Jun 21 j 18:26	25°♈53'23	
retrograde	-6315 Sep 16 j 13:04	27°♈45'43	
opposition	-6315 Dec 02 j 12:21	26°♈23'22	-0°41'15
min. Earth dist.	-6315 Dec 03 j 08:18	26°♈21'59	29.12016 AU
direct	-6314 Feb 20 j 22:19	24°♈57'56	
evening set	-6314 May 23 j 03:25	26°♈54'39	
max. Earth dist.	-6314 Jun 07 j 08:17	27°♈28'15	31.12523 AU
conjunction	-6314 Jun 08 j 06:50	27°♈30'20	-0°35'54
minimum elong	-6314 Jun 08 j 06:50	27°♈30'20	0°35'44
morning rise	-6314 Jun 24 j 06:19	28°♈05'43	
retrograde	-6314 Sep 18 j 22:20	29°♈57'59	
opposition	-6314 Dec 04 j 22:57	28°♈35'44	-0°35'33
min. Earth dist.	-6314 Dec 05 j 20:25	28°♈34'14	29.13086 AU
direct	-6313 Feb 23 j 08:58	27°♈10'20	
evening set	-6313 May 25 j 16:21	29°♈07'05	
conjunction	-6313 Jun 10 j 19:11	29°♈42'44	-0°30'33
minimum elong	-6313 Jun 10 j 19:12	29°♈42'44	0°30'23
max. Earth dist.	-6313 Jun 09 j 19:08	29°♈40'30	31.13559 AU
	-6313 Jun 18 j 13:08	0°♉	
morning rise	-6313 Jun 26 j 18:20	0°♉18'05	
retrograde	-6313 Sep 21 j 09:25	2°♉10'17	
opposition	-6313 Dec 07 j 09:37	0°♉48'06	-0°29'48
min. Earth dist.	-6313 Dec 08 j 06:42	0°♉46'38	29.14069 AU
	-6312 Jan 06 j 23:30	30°♑℞♈	
direct	-6312 Feb 25 j 21:32	29°♈22'42	
	-6312 Apr 14 j 19:53	0°♉	
evening set	-6312 May 27 j 04:58	1°♉19'28	
max. Earth dist.	-6312 Jun 11 j 07:23	1°♉52'51	31.14479 AU
conjunction	-6312 Jun 12 j 07:27	1°♉55'05	-0°25'09
minimum elong	-6312 Jun 12 j 07:27	1°♉55'05	0°24'58
morning rise	-6312 Jun 28 j 05:57	2°♉30'24	
retrograde	-6312 Sep 22 j 19:24	4°♉22'33	
opposition	-6312 Dec 08 j 20:29	3°♉00'24	-0°24'01
min. Earth dist.	-6312 Dec 09 j 19:06	2°♉58'49	29.14937 AU
direct	-6311 Feb 27 j 10:01	1°♉35'01	
evening set	-6311 May 29 j 17:38	3°♉31'46	
conjunction	-6311 Jun 14 j 19:36	4°♉07'21	-0°19'44
minimum elong	-6311 Jun 14 j 19:37	4°♉07'21	0°19'33
max. Earth dist.	-6311 Jun 13 j 18:38	4°♉05'02	31.15299 AU
morning rise	-6311 Jun 30 j 17:42	4°♉42'37	
retrograde	-6311 Sep 25 j 06:23	6°♉34'41	
opposition	-6311 Dec 11 j 07:03	5°♉12'33	-0°18'12

Attention, astronomical year style is used: The year -6311 in astronomical counting style is the year 6312 BCE in historical counting style.

min. Earth dist.	-6311 Dec 12 j 05:23	5°♉11'00	29.15696 AU	
direct	-6310 Mar 01 j 23:42	3°♉47'10		
evening set	-6310 Jun 01 j 06:11	5°♉43'54		
max. Earth dist.	-6310 Jun 16 j 06:01	6°♉17'04	31.16008 AU	
conjunction	-6310 Jun 17 j 07:42	6°♉19'27	-0°14'17	
minimum elong	-6310 Jun 17 j 07:42	6°♉19'27	0°14'04	
behind sun begin	-6310 Jun 17 j 04:32	6°♉19'10		
behind sun end	-6310 Jun 17 j 10:52	6°♉19'44		
morning rise	-6310 Jul 03 j 05:15	6°♉54'41		
retrograde	-6310 Sep 27 j 16:54	8°♉46'39		
opposition	-6310 Dec 13 j 17:51	7°♉24'33	-0°12'22	
min. Earth dist.	-6310 Dec 14 j 17:25	7°♉22'55	29.16373 AU	
direct	-6309 Mar 04 j 11:25	5°♉59'08		
evening set	-6309 Jun 03 j 18:34	7°♉55'51		
conjunction	-6309 Jun 19 j 19:37	8°♉31'21	-0°08'50	
minimum elong	-6309 Jun 19 j 19:37	8°♉31'21	0°08'37	
behind sun begin	-6309 Jun 19 j 13:57	8°♉30'51		
behind sun end	-6309 Jun 20 j 01:17	8°♉31'51		
max. Earth dist.	-6309 Jun 18 j 18:08	8°♉28'59	31.16656 AU	
morning rise	-6309 Jul 05 j 16:35	9°♉06'31		
retrograde	-6309 Sep 30 j 03:36	10°♉58'24		
opposition	-6309 Dec 16 j 04:37	9°♉36'19	-0°06'32	
min. Earth dist.	-6309 Dec 17 j 04:07	9°♉34'41	29.16991 AU	
direct	-6308 Mar 06 j 02:17	8°♉10'53		
evening set	-6308 Jun 05 j 06:54	10°♉07'33		
max. Earth dist.	-6308 Jun 20 j 04:51	10°♉40'34	31.17274 AU	
conjunction	-6308 Jun 21 j 07:19	10°♉43'01	-0°03'24	
minimum elong	-6308 Jun 21 j 07:18	10°♉43'01	0°03'09	
behind sun begin	-6308 Jun 21 j 00:49	10°♉42'26		
behind sun end	-6308 Jun 21 j 13:48	10°♉43'36		
morning rise	-6308 Jul 07 j 03:48	11°♉18'09		
retrograde	-6308 Oct 01 j 14:13	13°♉09'57		
opposition	-6308 Dec 17 j 15:24	11°♉47'51	-0°00'41	
min. Earth dist.	-6308 Dec 18 j 15:04	11°♉46'13	29.17631 AU	
asc. node	-6307 Jan 28 j 22:48	10°♉45'12		
direct	-6307 Mar 08 j 14:06	10°♉22'24		
evening set	-6307 Jun 07 j 18:47	12°♉19'02		
conjunction	-6307 Jun 23 j 18:48	12°♉54'27	0°02'13	
minimum elong	-6307 Jun 23 j 18:49	12°♉54'28	0°02'28	
behind sun begin	-6307 Jun 23 j 12:18	12°♉53'53		
behind sun end	-6307 Jun 24 j 01:19	12°♉55'02		
max. Earth dist.	-6307 Jun 22 j 17:21	12°♉52'06	31.17930 AU	
morning rise	-6307 Jul 09 j 14:38	13°♉29'33		
	-6307 Aug 29 j 15:17	15°♉		
retrograde	-6307 Oct 03 j 22:23	15°♉21'17		
	-6307 Nov 08 j 23:21	15°℞♉		
opposition	-6307 Dec 20 j 02:15	13°♉59'12	0°05'10	
min. Earth dist.	-6307 Dec 21 j 02:15	13°♉57'32	29.18312 AU	
direct	-6306 Mar 11 j 03:17	12°♉33'44		
evening set	-6306 Jun 10 j 06:53	14°♉30'20		
	-6306 Jun 23 j 16:46	15°♉		
max. Earth dist.	-6306 Jun 25 j 03:38	15°♉03'15	31.18657 AU	
conjunction	-6306 Jun 26 j 06:11	15°♉05'43	0°07'40	
minimum elong	-6306 Jun 26 j 06:11	15°♉05'43	0°07'56	
behind sun begin	-6306 Jun 26 j 00:21	15°♉05'12		
behind sun end	-6306 Jun 26 j 12:01	15°♉06'14		
morning rise	-6306 Jul 12 j 01:34	15°♉40'46		
retrograde	-6306 Oct 06 j 08:35	17°♉32'26		
opposition	-6306 Dec 22 j 12:57	16°♉10'23	0°11'00	
min. Earth dist.	-6306 Dec 23 j 12:18	16°♉08'46	29.19095 AU	
	-6305 Feb 10 j 10:01	15°℞♉		
direct	-6305 Mar 13 j 14:28	14°♉44'56		
	-6305 Apr 13 j 07:49	15°♉		
evening set	-6305 Jun 12 j 18:47	16°♉41'32		
conjunction	-6305 Jun 28 j 17:39	17°♉16'52	0°13'06	
minimum elong	-6305 Jun 28 j 17:39	17°♉16'52	0°13'21	
behind sun begin	-6305 Jun 28 j 13:57	17°♉16'33		
behind sun end	-6305 Jun 28 j 21:21	17°♉17'12		
max. Earth dist.	-6305 Jun 27 j 16:18	17°♉14'31	31.19487 AU	
morning rise	-6305 Jul 14 j 12:15	17°♉51'53		
retrograde	-6305 Oct 08 j 17:23	19°♉43'31		
opposition	-6305 Dec 24 j 23:59	18°♉21'31	0°16'49	
min. Earth dist.	-6305 Dec 26 j 00:07	18°♉19'50	29.19976 AU	
direct	-6304 Mar 15 j 01:30	16°♉56'07		
evening set	-6304 Jun 14 j 06:35	18°♉52'42		
max. Earth dist.	-6304 Jun 29 j 02:44	19°♉25'35	31.20423 AU	
conjunction	-6304 Jun 30 j 04:42	19°♉28'00	0°18'31	
minimum elong	-6304 Jun 30 j 04:42	19°♉28'00	0°18'49	
morning rise	-6304 Jul 15 j 22:52	20°♉02'58		
retrograde	-6304 Oct 10 j 03:47	21°♉54'36		
opposition	-6304 Dec 26 j 10:53	20°♉32'39	0°22'36	
min. Earth dist.	-6304 Dec 27 j 09:55	20°♉31'04	29.20947 AU	
direct	-6303 Mar 17 j 13:24	19°♉07'19		
evening set	-6303 Jun 16 j 18:20	21°♉03'55		
conjunction	-6303 Jul 02 j 15:57	21°♉39'11	0°23'55	
minimum elong	-6303 Jul 02 j 15:57	21°♉39'11	0°24'12	
max. Earth dist.	-6303 Jul 01 j 14:38	21°♉36'49	31.21410 AU	
morning rise	-6303 Jul 18 j 09:23	22°♉14'06		
retrograde	-6303 Oct 12 j 13:33	24°♉05'45		
opposition	-6303 Dec 28 j 21:52	22°♉43'52	0°28'22	
min. Earth dist.	-6303 Dec 29 j 22:00	22°♉42'12	29.21950 AU	
direct	-6302 Mar 20 j 00:18	21°♉18'36		
evening set	-6302 Jun 19 j 06:08	23°♉15'14		
max. Earth dist.	-6302 Jul 04 j 01:25	23°♉48'03	31.22406 AU	
conjunction	-6302 Jul 05 j 03:04	23°♉50'27	0°29'18	
minimum elong	-6302 Jul 05 j 03:04	23°♉50'27	0°29'37	
morning rise	-6302 Jul 20 j 19:58	24°♉25'20		
retrograde	-6302 Oct 15 j 00:32	26°♉17'00		
opposition	-6302 Dec 31 j 08:57	24°♉55'11	0°34'05	
min. Earth dist.	-6301 Jan 01 j 08:24	24°♉53'35	29.22913 AU	
direct	-6301 Mar 22 j 12:52	23°♉29'59		
evening set	-6301 Jun 21 j 17:53	25°♉26'38		
conjunction	-6301 Jul 07 j 14:08	26°♉01'49	0°34'37	
minimum elong	-6301 Jul 07 j 14:08	26°♉01'49	0°34'56	
max. Earth dist.	-6301 Jul 06 j 12:10	25°♉59'23	31.23320 AU	
morning rise	-6301 Jul 23 j 06:21	26°♉36'40		
retrograde	-6301 Oct 17 j 11:32	28°♉28'21		
opposition	-6300 Jan 02 j 20:17	27°♉06'36	0°39'45	
min. Earth dist.	-6300 Jan 03 j 20:38	27°♉04'55	29.23791 AU	
direct	-6300 Mar 24 j 00:09	25°♉41'28		
evening set	-6300 Jun 23 j 05:33	27°♉38'07		
max. Earth dist.	-6300 Jul 07 j 23:38	28°♉10'51	31.24134 AU	
conjunction	-6300 Jul 09 j 01:12	28°♉13'14	0°39'54	
minimum elong	-6300 Jul 09 j 01:12	28°♉13'14	0°40'14	
morning rise	-6300 Jul 24 j 16:44	28°♉48'02		
	-6300 Aug 31 j 02:53	0°♊		
retrograde	-6300 Oct 18 j 22:39	0°♊39'45		
	-6300 Dec 08 j 14:11	30°℞♉		
opposition	-6299 Jan 04 j 07:36	29°♉18'02	0°45'22	
min. Earth dist.	-6299 Jan 05 j 07:49	29°♉16'22	29.24536 AU	
direct	-6299 Mar 26 j 14:34	27°♉52'57		
evening set	-6299 Jun 25 j 17:08	29°♉49'36		
	-6299 Jun 30 j 10:51	0°♊		

Attention, astronomical year style is used: The year -6299 in astronomical counting style is the year 6300 BCE in historical counting style.

max. Earth dist.	-6299 Jul	10 j 09:26	0°♊22'12	31.24804 AU
conjunction	-6299 Jul	11 j 12:02	0°♊24'41	0°45'07
minimum elong	-6299 Jul	11 j 12:01	0°♊24'41	0°45'27
morning rise	-6299 Jul	27 j 03:02	0°♊59'26	
retrograde	-6299 Oct	21 j 09:51	2°♊51'09	
opposition	-6298 Jan	06 j 18:57	1°♊29'28	0°50'54
min. Earth dist.	-6298 Jan	07 j 19:22	1°♊27'48	29.25146 AU
direct	-6298 Mar	29 j 02:25	0°♊04'24	
evening set	-6298 Jun	28 j 04:37	2°♊01'02	
conjunction	-6298 Jul	13 j 22:59	2°♊36'05	0°50'16
minimum elong	-6298 Jul	13 j 22:59	2°♊36'05	0°50'37
max. Earth dist.	-6298 Jul	12 j 21:12	2°♊33'40	31.25333 AU
morning rise	-6298 Jul	29 j 13:11	3°♊10'47	
retrograde	-6298 Oct	23 j 18:22	5°♊02'30	
opposition	-6297 Jan	09 j 06:20	3°♊40'50	0°56'22
min. Earth dist.	-6297 Jan	10 j 07:16	3°♊39'07	29.25604 AU
direct	-6297 Mar	31 j 15:53	2°♊15'47	
evening set	-6297 Jun	30 j 16:09	4°♊12'23	
max. Earth dist.	-6297 Jul	15 j 06:44	4°♊44'51	31.25736 AU
conjunction	-6297 Jul	16 j 09:39	4°♊47'22	0°55'20
minimum elong	-6297 Jul	16 j 09:39	4°♊47'22	0°55'41
morning rise	-6297 Jul	31 j 23:22	5°♊22'02	
retrograde	-6297 Oct	26 j 04:55	7°♊13'45	
opposition	-6296 Jan	11 j 17:47	5°♊52'04	1°01'45
min. Earth dist.	-6296 Jan	12 j 18:04	5°♊50'24	29.25967 AU
direct	-6296 Apr	02 j 03:55	4°♊27'01	
evening set	-6296 Jul	02 j 03:12	6°♊23'34	
conjunction	-6296 Jul	17 j 20:11	6°♊58'31	1°00'20
minimum elong	-6296 Jul	17 j 20:11	6°♊58'31	1°00'42
max. Earth dist.	-6296 Jul	16 j 18:29	6°♊56'07	31.26053 AU
morning rise	-6296 Aug	02 j 09:06	7°♊33'08	
retrograde	-6296 Oct	27 j 13:39	9°♊24'51	
opposition	-6295 Jan	13 j 05:20	8°♊03'08	1°07'02
min. Earth dist.	-6295 Jan	14 j 06:26	8°♊01'25	29.26265 AU
direct	-6295 Apr	04 j 15:51	6°♊38'06	
evening set	-6295 Jul	04 j 14:21	8°♊34'35	
max. Earth dist.	-6295 Jul	19 j 04:22	9°♊07'02	31.26343 AU
conjunction	-6295 Jul	20 j 06:31	9°♊09'28	1°05'13
minimum elong	-6295 Jul	20 j 06:31	9°♊09'28	1°05'35
morning rise	-6295 Aug	04 j 18:58	9°♊44'03	
retrograde	-6295 Oct	29 j 22:58	11°♊35'46	
opposition	-6294 Jan	15 j 16:35	10°♊14'02	1°12'13
min. Earth dist.	-6294 Jan	16 j 16:24	10°♊12'24	29.26563 AU
direct	-6294 Apr	07 j 04:00	8°♊48'59	
evening set	-6294 Jul	07 j 01:19	10°♊45'26	
conjunction	-6294 Jul	22 j 16:53	11°♊20'16	1°10'01
minimum elong	-6294 Jul	22 j 16:52	11°♊20'16	1°10'24
max. Earth dist.	-6294 Jul	21 j 15:38	11°♊17'55	31.26647 AU
morning rise	-6294 Aug	07 j 04:33	11°♊54'48	
retrograde	-6294 Nov	01 j 08:01	13°♊46'32	
opposition	-6293 Jan	18 j 04:12	12°♊24'47	1°17'17
min. Earth dist.	-6293 Jan	19 j 04:33	12°♊23'07	29.26910 AU
direct	-6293 Apr	09 j 14:34	10°♊59'45	
evening set	-6293 Jul	09 j 12:10	12°♊56'09	
max. Earth dist.	-6293 Jul	24 j 02:09	13°♊28'37	31.27033 AU
conjunction	-6293 Jul	25 j 02:57	13°♊30'56	1°14'43
minimum elong	-6293 Jul	25 j 02:56	13°♊30'56	1°15'05
morning rise	-6293 Aug	09 j 14:01	14°♊05'25	
retrograde	-6293 Nov	03 j 18:10	15°♊57'12	
opposition	-6292 Jan	20 j 15:46	14°♊35'26	1°22'15
min. Earth dist.	-6292 Jan	21 j 14:38	14°♊33'52	29.27339 AU
direct	-6292 Apr	11 j 02:15	13°♊10'26	
evening set	-6292 Jul	10 j 22:58	15°♊06'48	
conjunction	-6292 Jul	26 j 13:02	15°♊41'33	1°19'18
minimum elong	-6292 Jul	26 j 13:02	15°♊41'32	1°19'42
max. Earth dist.	-6292 Jul	25 j 12:34	15°♊39'15	31.27504 AU
morning rise	-6292 Aug	10 j 23:28	16°♊15'59	
retrograde	-6292 Nov	05 j 05:06	18°♊07'49	
opposition	-6291 Jan	22 j 03:23	16°♊46'04	1°27'06
min. Earth dist.	-6291 Jan	23 j 02:24	16°♊44'30	29.27870 AU
direct	-6291 Apr	13 j 13:22	15°♊21'07	
evening set	-6291 Jul	13 j 09:33	17°♊17'28	
conjunction	-6291 Jul	28 j 23:02	17°♊52'09	1°23'47
minimum elong	-6291 Jul	28 j 23:02	17°♊52'09	1°24'10
max. Earth dist.	-6291 Jul	27 j 23:48	17°♊49'59	31.28065 AU
morning rise	-6291 Aug	13 j 08:49	18°♊26'33	
retrograde	-6291 Nov	07 j 16:04	20°♊18'27	
opposition	-6290 Jan	24 j 15:02	18°♊56'43	1°31'49
min. Earth dist.	-6290 Jan	25 j 13:19	18°♊55'12	29.28443 AU
direct	-6290 Apr	16 j 02:51	17°♊31'51	
evening set	-6290 Jul	15 j 20:18	19°♊28'11	
max. Earth dist.	-6290 Jul	30 j 09:18	20°♊00'37	31.28640 AU
conjunction	-6290 Jul	31 j 08:57	20°♊02'50	1°28'08
minimum elong	-6290 Jul	31 j 08:56	20°♊02'49	1°28'33
morning rise	-6290 Aug	15 j 18:12	20°♊37'11	
retrograde	-6290 Nov	10 j 03:28	22°♊29'10	
opposition	-6289 Jan	27 j 02:45	21°♊07'27	1°36'24
min. Earth dist.	-6289 Jan	28 j 00:37	21°♊05'57	29.29024 AU
direct	-6289 Apr	18 j 13:49	19°♊42'38	
evening set	-6289 Jul	18 j 06:54	21°♊38'58	
conjunction	-6289 Aug	02 j 18:59	22°♊13'34	1°32'22
minimum elong	-6289 Aug	02 j 18:59	22°♊13'34	1°32'45
max. Earth dist.	-6289 Aug	01 j 20:46	22°♊11'29	31.29191 AU
morning rise	-6289 Aug	18 j 03:28	22°♊47'53	
retrograde	-6289 Nov	12 j 12:58	24°♊39'56	
opposition	-6288 Jan	29 j 14:46	23°♊18'15	1°40'51
min. Earth dist.	-6288 Jan	30 j 12:43	23°♊16'45	29.29542 AU
direct	-6288 Apr	20 j 03:08	21°♊53'30	
evening set	-6288 Jul	19 j 17:29	23°♊49'48	
max. Earth dist.	-6288 Aug	03 j 05:46	24°♊22'12	31.29661 AU
conjunction	-6288 Aug	04 j 04:43	24°♊24'21	1°36'28
minimum elong	-6288 Aug	04 j 04:43	24°♊24'21	1°36'52
morning rise	-6288 Aug	19 j 12:46	24°♊58'38	
retrograde	-6288 Nov	14 j 00:29	26°♊50'46	
opposition	-6287 Jan	31 j 02:41	25°♊29'05	1°45'09
min. Earth dist.	-6287 Jan	31 j 23:44	25°♊27'39	29.29966 AU
direct	-6287 Apr	22 j 15:31	24°♊04'24	
evening set	-6287 Jul	22 j 04:00	26°♊00'40	
conjunction	-6287 Aug	06 j 14:43	26°♊35'10	1°40'25
minimum elong	-6287 Aug	06 j 14:43	26°♊35'10	1°40'48
max. Earth dist.	-6287 Aug	05 j 16:56	26°♊33'08	31.30005 AU
morning rise	-6287 Aug	21 j 22:01	27°♊09'24	
retrograde	-6287 Nov	16 j 09:43	29°♊01'37	
opposition	-6286 Feb	02 j 14:40	27°♊39'55	1°49'19
min. Earth dist.	-6286 Feb	03 j 12:31	27°♊38'26	29.30248 AU
direct	-6286 Apr	25 j 03:47	26°♊15'17	
evening set	-6286 Jul	24 j 14:38	28°♊11'30	
max. Earth dist.	-6286 Aug	08 j 02:20	28°♊43'52	31.30215 AU
conjunction	-6286 Aug	09 j 00:33	28°♊45'58	1°44'14
minimum elong	-6286 Aug	09 j 00:33	28°♊45'58	1°44'38

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

morning rise	-6286 Aug 24 j 07:24	29°♊20'10	
	-6286 Sep 12 j 08:33	0°♋	
retrograde	-6286 Nov 18 j 19:36	1°♋12'26	
	-6285 Jan 30 j 09:34	30°℞♊	
opposition	-6285 Feb 05 j 02:42	29°♊50'43	1°53'18
min. Earth dist.	-6285 Feb 05 j 23:16	29°♊49'19	29.30389 AU
direct	-6285 Apr 27 j 15:59	28°♊26'06	
	-6285 Jul 16 j 15:40	0°♋	
evening set	-6285 Jul 27 j 00:56	0°♋22'16	
conjunction	-6285 Aug 11 j 10:16	0°♋56'41	1°47'54
minimum elong	-6285 Aug 11 j 10:16	0°♋56'41	1°48'18
max. Earth dist.	-6285 Aug 10 j 12:46	0°♋54'40	31.30276 AU
morning rise	-6285 Aug 26 j 16:27	1°♋30'51	
retrograde	-6285 Nov 21 j 04:59	3°♋23'11	
opposition	-6284 Feb 07 j 14:58	2°♋01'26	1°57'08
min. Earth dist.	-6284 Feb 08 j 12:08	2°♋00'00	29.30402 AU
direct	-6284 Apr 29 j 02:48	0°♋36'50	
evening set	-6284 Jul 28 j 11:13	2°♋32'56	
conjunction	-6284 Aug 12 j 19:55	3°♋07'18	1°51'24
minimum elong	-6284 Aug 12 j 19:54	3°♋07'18	1°51'49
max. Earth dist.	-6284 Aug 11 j 22:51	3°♋05'19	31.30239 AU
morning rise	-6284 Aug 28 j 01:37	3°♋41'26	
retrograde	-6284 Nov 22 j 15:03	5°♋33'50	
opposition	-6283 Feb 09 j 02:58	4°♋12'01	2°00'48
min. Earth dist.	-6283 Feb 09 j 22:49	4°♋10'41	29.30323 AU
direct	-6283 May 01 j 14:38	2°♋47'26	
evening set	-6283 Jul 30 j 21:17	4°♋43'27	
max. Earth dist.	-6283 Aug 14 j 08:29	5°♋15'49	31.30125 AU
conjunction	-6283 Aug 15 j 05:22	5°♋17'47	1°54'45
minimum elong	-6283 Aug 15 j 05:21	5°♋17'47	1°55'09
morning rise	-6283 Aug 30 j 10:36	5°♋51'52	
retrograde	-6283 Nov 25 j 01:55	7°♋44'21	
opposition	-6282 Feb 11 j 15:08	6°♋22'29	2°04'17
min. Earth dist.	-6282 Feb 12 j 11:03	6°♋21'08	29.30211 AU
direct	-6282 May 04 j 01:42	4°♋57'54	
evening set	-6282 Aug 02 j 07:11	6°♋53'51	
conjunction	-6282 Aug 17 j 14:43	7°♋28'08	1°57'55
minimum elong	-6282 Aug 17 j 14:43	7°♋28'08	1°58'20
max. Earth dist.	-6282 Aug 16 j 19:25	7°♋26'19	31.30009 AU
morning rise	-6282 Sep 01 j 19:21	8°♋02'11	
retrograde	-6282 Nov 27 j 12:29	9°♋54'45	
opposition	-6281 Feb 14 j 03:19	8°♋32'49	2°07'36
min. Earth dist.	-6281 Feb 14 j 22:07	8°♋31'33	29.30111 AU
direct	-6281 May 06 j 14:41	7°♋08'15	
evening set	-6281 Aug 04 j 17:09	9°♋04'09	
conjunction	-6281 Aug 19 j 23:57	9°♋38'23	2°00'56
minimum elong	-6281 Aug 19 j 23:56	9°♋38'23	2°01'20
max. Earth dist.	-6281 Aug 19 j 04:39	9°♋36'34	31.29943 AU
morning rise	-6281 Sep 04 j 04:13	10°♋12'25	
retrograde	-6281 Nov 30 j 00:02	12°♋05'04	
opposition	-6280 Feb 16 j 15:35	10°♋43'06	2°10'44
min. Earth dist.	-6280 Feb 17 j 09:17	10°♋41'54	29.30107 AU
direct	-6280 May 08 j 01:02	9°♋18'34	
evening set	-6280 Aug 06 j 02:45	11°♋14'25	
conjunction	-6280 Aug 21 j 09:09	11°♋48'37	2°03'46
minimum elong	-6280 Aug 21 j 09:09	11°♋48'37	2°04'11
max. Earth dist.	-6280 Aug 20 j 15:54	11°♋47'00	31.29979 AU
morning rise	-6280 Sep 05 j 12:50	12°♋22'37	
retrograde	-6280 Dec 01 j 09:44	14°♋15'23	
opposition	-6279 Feb 18 j 03:53	12°♋53'23	2°13'40
min. Earth dist.	-6279 Feb 18 j 21:00	12°♋52'14	29.30192 AU
direct	-6279 May 10 j 14:11	11°♋28'56	
evening set	-6279 Aug 08 j 12:35	13°♋24'44	
conjunction	-6279 Aug 23 j 18:17	13°♋58'54	2°06'26
minimum elong	-6279 Aug 23 j 18:16	13°♋58'54	2°06'49
max. Earth dist.	-6279 Aug 23 j 00:54	13°♋57'16	31.30115 AU
morning rise	-6279 Sep 07 j 21:41	14°♋32'52	
retrograde	-6279 Dec 03 j 21:47	16°♋25'45	
opposition	-6278 Feb 20 j 15:59	15°♋03'45	2°16'25
min. Earth dist.	-6278 Feb 21 j 07:31	15°♋02'42	29.30372 AU
direct	-6278 May 13 j 02:19	13°♋39'22	
evening set	-6278 Aug 10 j 22:14	15°♋35'10	
max. Earth dist.	-6278 Aug 25 j 11:58	16°♋07'50	31.30315 AU
conjunction	-6278 Aug 26 j 03:32	16°♋09'18	2°08'55
minimum elong	-6278 Aug 26 j 03:32	16°♋09'18	2°09'19
morning rise	-6278 Sep 10 j 06:22	16°♋43'15	
retrograde	-6278 Dec 06 j 07:47	18°♋36'16	
opposition	-6277 Feb 23 j 04:31	17°♋14'16	2°18'58
min. Earth dist.	-6277 Feb 23 j 20:11	17°♋13'13	29.30593 AU
direct	-6277 May 15 j 14:15	15°♋49'59	
evening set	-6277 Aug 13 j 07:52	17°♋45'44	
conjunction	-6277 Aug 28 j 12:32	18°♋19'50	2°11'13
minimum elong	-6277 Aug 28 j 12:32	18°♋19'50	2°11'36
max. Earth dist.	-6277 Aug 27 j 21:19	18°♋18'24	31.30543 AU
morning rise	-6277 Sep 12 j 15:07	18°♋53'46	
retrograde	-6277 Dec 08 j 17:50	20°♋46'55	
opposition	-6276 Feb 25 j 16:59	19°♋24'56	2°21'19
min. Earth dist.	-6276 Feb 26 j 06:51	19°♋24'00	29.30810 AU
direct	-6276 May 17 j 02:10	18°♋00'45	
evening set	-6276 Aug 14 j 17:31	19°♋56'27	
conjunction	-6276 Aug 29 j 21:46	20°♋30'32	2°13'19
minimum elong	-6276 Aug 29 j 21:46	20°♋30'32	2°13'43
max. Earth dist.	-6276 Aug 29 j 07:29	20°♋29'11	31.30724 AU
morning rise	-6276 Sep 13 j 23:55	21°♋04'26	
retrograde	-6276 Dec 10 j 03:49	22°♋57'44	
opposition	-6275 Feb 27 j 05:33	21°♋35'45	2°23'29
min. Earth dist.	-6275 Feb 27 j 19:48	21°♋34'47	29.30968 AU
direct	-6275 May 19 j 12:40	20°♋11'38	
evening set	-6275 Aug 17 j 03:10	22°♋07'17	
conjunction	-6275 Sep 01 j 06:59	22°♋41'20	2°15'15
minimum elong	-6275 Sep 01 j 06:58	22°♋41'20	2°15'37
max. Earth dist.	-6275 Aug 31 j 17:25	22°♋40'03	31.30832 AU
morning rise	-6275 Sep 16 j 08:48	23°♋15'14	
retrograde	-6275 Dec 12 j 14:21	25°♋08'39	
opposition	-6274 Mar 01 j 18:09	23°♋46'39	2°25'26
min. Earth dist.	-6274 Mar 02 j 06:56	23°♋45'47	29.31011 AU
direct	-6274 May 22 j 00:28	22°♋22'36	
evening set	-6274 Aug 19 j 12:50	24°♋18'12	
conjunction	-6274 Sep 03 j 16:07	24°♋52'13	2°16'58
minimum elong	-6274 Sep 03 j 16:07	24°♋52'13	2°17'22
max. Earth dist.	-6274 Sep 03 j 02:35	24°♋50'56	31.30801 AU
morning rise	-6274 Sep 18 j 17:40	25°♋26'06	
retrograde	-6274 Dec 15 j 01:39	27°♋19'39	
opposition	-6273 Mar 04 j 06:58	25°♋57'36	2°27'10
min. Earth dist.	-6273 Mar 04 j 19:49	25°♋56'44	29.30924 AU
direct	-6273 May 24 j 11:02	24°♋33'36	
evening set	-6273 Aug 21 j 22:25	26°♋29'07	
conjunction	-6273 Sep 06 j 01:25	27°♋03'07	2°18'30
minimum elong	-6273 Sep 06 j 01:24	27°♋03'07	2°18'52
max. Earth dist.	-6273 Sep 05 j 13:19	27°♋01'58	31.30641 AU
morning rise	-6273 Sep 21 j 02:35	27°♋36'58	

Attention, astronomical year style is used: The year -6273 in astronomical counting style is the year 6274 BCE in historical counting style.

retrograde	-6273 Dec 17 j 12:26	29°♋30'39	
opposition	-6272 Mar 05 j 19:46	28°♋08'32	2°28'42
min. Earth dist.	-6272 Mar 06 j 07:42	28°♋07'44	29.30688 AU
direct	-6272 May 25 j 23:00	26°♋44'34	
evening set	-6272 Aug 23 j 07:56	28°♋39'59	
conjunction	-6272 Sep 07 j 10:26	29°♋13'58	2°19'50
minimum elong	-6272 Sep 07 j 10:26	29°♋13'58	2°20'13
max. Earth dist.	-6272 Sep 06 j 22:00	29°♋12'47	31.30341 AU
morning rise	-6272 Sep 22 j 11:33	29°♋47'48	
	-6272 Sep 28 j 01:18	0°♌	
retrograde	-6272 Dec 19 j 00:26	1°♌41'35	
opposition	-6271 Mar 08 j 08:32	0°♌19'23	2°30'01
min. Earth dist.	-6271 Mar 08 j 19:44	0°♌18'38	29.30337 AU
	-6271 Mar 20 j 10:57	30℞♋	
direct	-6271 May 28 j 09:11	28°♋55'26	
	-6271 Aug 01 j 01:21	0°♌	
evening set	-6271 Aug 25 j 17:17	0°♌50'45	
conjunction	-6271 Sep 09 j 19:37	1°♌24'42	2°20'58
minimum elong	-6271 Sep 09 j 19:37	1°♌24'42	2°21'20
max. Earth dist.	-6271 Sep 09 j 08:54	1°♌23'41	31.29932 AU
morning rise	-6271 Sep 24 j 20:20	1°♌58'32	
retrograde	-6271 Dec 21 j 10:44	3°♌52'24	
opposition	-6270 Mar 10 j 21:14	2°♌30'07	2°31'08
min. Earth dist.	-6270 Mar 11 j 08:04	2°♌29'23	29.29888 AU
direct	-6270 May 30 j 22:35	1°♌06'10	
evening set	-6270 Aug 28 j 02:40	3°♌01'23	
conjunction	-6270 Sep 12 j 04:31	3°♌35'18	2°21'54
minimum elong	-6270 Sep 12 j 04:31	3°♌35'18	2°22'16
max. Earth dist.	-6270 Sep 11 j 17:46	3°♌34'17	31.29474 AU
morning rise	-6270 Sep 27 j 05:14	4°♌09'07	
retrograde	-6270 Dec 23 j 23:23	6°♌03'04	
opposition	-6269 Mar 13 j 10:01	4°♌40'42	2°32'02
min. Earth dist.	-6269 Mar 13 j 19:09	4°♌40'05	29.29431 AU
direct	-6269 Jun 02 j 10:43	3°♌16'46	
evening set	-6269 Aug 30 j 11:44	5°♌11'53	
conjunction	-6269 Sep 14 j 13:25	5°♌45'47	2°22'39
minimum elong	-6269 Sep 14 j 13:25	5°♌45'47	2°22'59
max. Earth dist.	-6269 Sep 14 j 04:33	5°♌44'56	31.29020 AU
morning rise	-6269 Sep 29 j 13:52	6°♌19'35	
retrograde	-6269 Dec 26 j 09:23	8°♌13'39	
opposition	-6268 Mar 14 j 22:57	6°♌51'11	2°32'43
min. Earth dist.	-6268 Mar 15 j 07:55	6°♌50'35	29.29010 AU
direct	-6268 Jun 03 j 22:41	5°♌27'16	
evening set	-6268 Aug 31 j 20:56	7°♌22'18	
conjunction	-6268 Sep 15 j 22:18	7°♌56'10	2°23'10
minimum elong	-6268 Sep 15 j 22:18	7°♌56'10	2°23'31
max. Earth dist.	-6268 Sep 15 j 14:10	7°♌55'24	31.28641 AU
morning rise	-6268 Sep 30 j 22:42	8°♌29'59	
retrograde	-6268 Dec 27 j 19:55	10°♌24'09	
opposition	-6267 Mar 17 j 11:31	9°♌01'38	2°33'10
min. Earth dist.	-6267 Mar 17 j 18:17	9°♌01'10	29.28672 AU
direct	-6267 Jun 06 j 10:58	7°♌37'45	
evening set	-6267 Sep 03 j 06:02	9°♌32'42	
conjunction	-6267 Sep 18 j 07:13	10°♌06'35	2°23'30
minimum elong	-6267 Sep 18 j 07:13	10°♌06'35	2°23'50
max. Earth dist.	-6267 Sep 18 j 00:14	10°♌05'55	31.28341 AU
morning rise	-6267 Oct 03 j 07:31	10°♌40'23	
retrograde	-6267 Dec 30 j 06:27	12°♌34'41	
opposition	-6266 Mar 20 j 00:27	11°♌12'07	2°33'24
min. Earth dist.	-6266 Mar 20 j 07:02	11°♌11'41	29.28419 AU
direct	-6266 Jun 08 j 21:56	9°♌48'20	
evening set	-6266 Sep 05 j 15:00	11°♌43'11	
conjunction	-6266 Sep 20 j 16:02	12°♌17'03	2°23'37
minimum elong	-6266 Sep 20 j 16:02	12°♌17'03	2°23'57
max. Earth dist.	-6266 Sep 20 j 10:30	12°♌16'32	31.28128 AU
morning rise	-6266 Oct 05 j 16:14	12°♌50'52	
retrograde	-6265 Jan 01 j 17:06	14°♌45'19	
opposition	-6265 Mar 22 j 13:21	13°♌22'44	2°33'25
min. Earth dist.	-6265 Mar 22 j 17:53	13°♌22'26	29.28220 AU
direct	-6265 Jun 11 j 09:50	11°♌59'02	
evening set	-6265 Sep 08 j 00:08	13°♌53'50	
conjunction	-6265 Sep 23 j 00:54	14°♌27'41	2°23'32
minimum elong	-6265 Sep 23 j 00:54	14°♌27'41	2°23'50
max. Earth dist.	-6265 Sep 22 j 19:46	14°♌27'12	31.27948 AU
	-6265 Oct 07 j 08:43	15°♌	
morning rise	-6265 Oct 08 j 01:12	15°♌01'31	
retrograde	-6264 Jan 04 j 04:48	16°♌56'08	
opposition	-6264 Mar 24 j 02:23	15°♌33'31	2°33'13
min. Earth dist.	-6264 Mar 24 j 06:36	15°♌33'14	29.28053 AU
	-6264 Apr 14 j 10:22	15℞♌	
direct	-6264 Jun 12 j 19:31	14°♌09'55	
	-6264 Aug 07 j 22:48	15°♌	
evening set	-6264 Sep 09 j 09:05	16°♌04'39	
conjunction	-6264 Sep 24 j 09:53	16°♌38'31	2°23'14
minimum elong	-6264 Sep 24 j 09:54	16°♌38'31	2°23'33
max. Earth dist.	-6264 Sep 24 j 06:40	16°♌38'13	31.27768 AU
morning rise	-6264 Oct 09 j 10:05	17°♌12'21	
retrograde	-6263 Jan 05 j 15:51	19°♌07'08	
opposition	-6263 Mar 26 j 15:24	17°♌44'30	2°32'47
min. Earth dist.	-6263 Mar 26 j 18:29	17°♌44'18	29.27838 AU
direct	-6263 Jun 15 j 06:39	16°♌20'59	
evening set	-6263 Sep 11 j 18:18	18°♌15'40	
conjunction	-6263 Sep 26 j 18:49	18°♌49'32	2°22'43
minimum elong	-6263 Sep 26 j 18:49	18°♌49'32	2°23'00
max. Earth dist.	-6263 Sep 26 j 15:22	18°♌49'12	31.27519 AU
morning rise	-6263 Oct 11 j 19:13	19°♌23'23	
retrograde	-6262 Jan 08 j 04:41	21°♌18'19	
opposition	-6262 Mar 29 j 04:25	19°♌55'40	2°32'08
min. Earth dist.	-6262 Mar 29 j 06:40	19°♌55'31	29.27546 AU
direct	-6262 Jun 17 j 16:01	18°♌32'13	
evening set	-6262 Sep 14 j 03:25	20°♌26'51	
conjunction	-6262 Sep 29 j 04:01	21°♌00'43	2°22'01
minimum elong	-6262 Sep 29 j 04:02	21°♌00'43	2°22'18
max. Earth dist.	-6262 Sep 29 j 02:18	21°♌00'33	31.27165 AU
morning rise	-6262 Oct 14 j 04:19	21°♌34'35	
retrograde	-6261 Jan 10 j 16:16	23°♌29'41	
opposition	-6261 Mar 31 j 17:42	22°♌06'59	2°31'16
min. Earth dist.	-6261 Mar 31 j 19:34	22°♌06'51	29.27122 AU
direct	-6261 Jun 20 j 04:37	20°♌43'37	
evening set	-6261 Sep 16 j 12:36	22°♌38'09	
conjunction	-6261 Oct 01 j 13:02	23°♌12'01	2°21'06
minimum elong	-6261 Oct 01 j 13:03	23°♌12'01	2°21'21
max. Earth dist.	-6261 Oct 01 j 11:06	23°♌11'50	31.26681 AU
morning rise	-6261 Oct 16 j 13:36	23°♌45'55	
retrograde	-6260 Jan 13 j 06:14	25°♌41'09	
opposition	-6260 Apr 02 j 06:53	24°♌18'23	2°30'11
min. Earth dist.	-6260 Apr 02 j 07:21	24°♌18'21	29.26560 AU
direct	-6260 Jun 21 j 16:08	22°♌55'03	
evening set	-6260 Sep 17 j 21:45	24°♌49'31	
conjunction	-6260 Oct 02 j 22:20	25°♌23'24	2°19'59
minimum elong	-6260 Oct 02 j 22:20	25°♌23'24	2°20'15

Attention, astronomical year style is used: The year -6260 in astronomical counting style is the year 6261 BCE in historical counting style.

max. Earth dist.	-6260 Oct 02 j 21:40	25°♌23'20	31.26036 AU	
morning rise	-6260 Oct 17 j 22:57	25°♌57'18		
retrograde	-6259 Jan 14 j 17:07	27°♌52'40		
opposition	-6259 Apr 04 j 20:01	26°♌29'49	2°28'53	
min. Earth dist.	-6259 Apr 04 j 20:48	26°♌29'46	29.25841 AU	
direct	-6259 Jun 24 j 03:36	25°♌06'31		
evening set	-6259 Sep 20 j 06:54	27°♌00'53		
conjunction	-6259 Oct 05 j 07:29	27°♌34'46	2°18'40	
minimum elong	-6259 Oct 05 j 07:29	27°♌34'46	2°18'55	
max. Earth dist.	-6259 Oct 05 j 07:17	27°♌34'45	31.25266 AU	
morning rise	-6259 Oct 20 j 08:20	28°♌08'41		
	-6258 Jan 01 j 07:05	0°♍		
retrograde	-6258 Jan 17 j 04:38	0°♍04'09		
	-6258 Feb 02 j 05:29	30°℞♌		
opposition	-6258 Apr 07 j 09:08	28°♌41'13	2°27'22	
min. Earth dist.	-6258 Apr 07 j 08:05	28°♌41'17	29.25006 AU	
direct	-6258 Jun 26 j 16:45	27°♌17'55		
evening set	-6258 Sep 22 j 15:50	29°♌12'09		
conjunction	-6258 Oct 07 j 16:27	29°♌46'03	2°17'09	
minimum elong	-6258 Oct 07 j 16:28	29°♌46'03	2°17'24	
max. Earth dist.	-6258 Oct 07 j 17:04	29°♌46'07	31.24389 AU	
	-6258 Oct 13 j 19:49	0°♍		
morning rise	-6258 Oct 22 j 17:32	0°♍20'00		
retrograde	-6257 Jan 19 j 16:02	2°♍15'34		
opposition	-6257 Apr 09 j 22:26	0°♍52'31	2°25'39	
min. Earth dist.	-6257 Apr 09 j 21:25	0°♍52'35	29.24109 AU	
	-6257 May 15 j 00:19	30°℞♌		
direct	-6257 Jun 29 j 04:42	29°♌29'14		
	-6257 Aug 11 j 12:01	0°♍		
evening set	-6257 Sep 25 j 00:46	1°♍23'20		
conjunction	-6257 Oct 10 j 01:34	1°♍57'15	2°15'27	
minimum elong	-6257 Oct 10 j 01:34	1°♍57'15	2°15'40	
max. Earth dist.	-6257 Oct 10 j 03:41	1°♍57'27	31.23496 AU	
morning rise	-6257 Oct 25 j 02:49	2°♍31'13		
retrograde	-6256 Jan 22 j 02:30	4°♍26'53		
opposition	-6256 Apr 11 j 11:27	3°♍03'43	2°23'44	
min. Earth dist.	-6256 Apr 11 j 08:23	3°♍03'56	29.23219 AU	
direct	-6256 Jun 30 j 17:17	1°♍40'26		
evening set	-6256 Sep 26 j 09:43	3°♍34'26		
conjunction	-6256 Oct 11 j 10:31	4°♍08'21	2°13'33	
minimum elong	-6256 Oct 11 j 10:32	4°♍08'21	2°13'46	
max. Earth dist.	-6256 Oct 11 j 13:00	4°♍08'35	31.22631 AU	
morning rise	-6256 Oct 26 j 12:11	4°♍42'21		
retrograde	-6255 Jan 23 j 13:23	6°♍38'08		
opposition	-6255 Apr 14 j 00:35	5°♍14'52	2°21'35	
min. Earth dist.	-6255 Apr 13 j 21:01	5°♍15'06	29.22395 AU	
direct	-6255 Jul 03 j 03:23	3°♍51'36		
evening set	-6255 Sep 28 j 18:31	5°♍45'29		
conjunction	-6255 Oct 13 j 19:38	6°♍19'25	2°11'27	
minimum elong	-6255 Oct 13 j 19:38	6°♍19'25	2°11'38	
max. Earth dist.	-6255 Oct 14 j 00:17	6°♍19'51	31.21849 AU	
morning rise	-6255 Oct 28 j 21:24	6°♍53'27		
retrograde	-6254 Jan 25 j 23:28	8°♍49'20		
opposition	-6254 Apr 16 j 13:35	7°♍26'00	2°19'15	
min. Earth dist.	-6254 Apr 16 j 08:28	7°♍26'21	29.21646 AU	
direct	-6254 Jul 05 j 14:43	6°♍02'46		
evening set	-6254 Oct 01 j 03:31	7°♍56'33		
conjunction	-6254 Oct 16 j 04:38	8°♍30'30	2°09'10	
minimum elong	-6254 Oct 16 j 04:39	8°♍30'30	2°09'21	
max. Earth dist.	-6254 Oct 16 j 09:27	8°♍30'58	31.21161 AU	
morning rise	-6254 Oct 31 j 06:55	9°♍04'34		
retrograde	-6253 Jan 28 j 12:33	11°♍00'36		
opposition	-6253 Apr 19 j 02:43	9°♍37'11	2°16'42	
min. Earth dist.	-6253 Apr 18 j 20:21	9°♍37'37	29.21003 AU	
direct	-6253 Jul 08 j 00:08	8°♍14'00		
evening set	-6253 Oct 03 j 12:16	10°♍07'42		
conjunction	-6253 Oct 18 j 13:46	10°♍41'41	2°06'41	
minimum elong	-6253 Oct 18 j 13:47	10°♍41'41	2°06'51	
max. Earth dist.	-6253 Oct 18 j 20:41	10°♍42'20	31.20552 AU	
morning rise	-6253 Nov 02 j 16:17	11°♍15'47		
retrograde	-6252 Jan 30 j 23:53	13°♍11'57		
opposition	-6252 Apr 20 j 15:52	11°♍48'29	2°13'57	
min. Earth dist.	-6252 Apr 20 j 08:47	11°♍48'58	29.20409 AU	
direct	-6252 Jul 09 j 11:41	10°♍25'22		
evening set	-6252 Oct 04 j 21:20	12°♍18'59		
conjunction	-6252 Oct 19 j 22:59	12°♍52'59	2°04'01	
minimum elong	-6252 Oct 19 j 23:00	12°♍52'59	2°04'11	
max. Earth dist.	-6252 Oct 20 j 06:04	12°♍53'39	31.19988 AU	
morning rise	-6252 Nov 04 j 01:59	13°♍27'07		
retrograde	-6251 Feb 01 j 13:52	15°♍23'25		
opposition	-6251 Apr 23 j 04:46	13°♍59'54	2°11'00	
min. Earth dist.	-6251 Apr 22 j 20:06	14°♍00'29	29.19843 AU	
direct	-6251 Jul 11 j 21:42	12°♍36'50		
evening set	-6251 Oct 07 j 06:21	14°♍30'24		
conjunction	-6251 Oct 22 j 08:19	15°♍04'26	2°01'10	
minimum elong	-6251 Oct 22 j 08:20	15°♍04'26	2°01'18	
max. Earth dist.	-6251 Oct 22 j 16:50	15°♍05'14	31.19410 AU	
morning rise	-6251 Nov 06 j 11:39	15°♍38'36		
retrograde	-6250 Feb 04 j 01:31	17°♍35'03		
opposition	-6250 Apr 25 j 18:02	16°♍11'29	2°07'52	
min. Earth dist.	-6250 Apr 25 j 09:30	16°♍12'04	29.19242 AU	
direct	-6250 Jul 14 j 08:23	14°♍48'29		
evening set	-6250 Oct 09 j 15:23	16°♍41'58		
conjunction	-6250 Oct 24 j 17:38	17°♍16'01	1°58'08	
minimum elong	-6250 Oct 24 j 17:38	17°♍16'01	1°58'16	
max. Earth dist.	-6250 Oct 25 j 02:53	17°♍16'54	31.18792 AU	
morning rise	-6250 Nov 08 j 21:24	17°♍50'14		
retrograde	-6249 Feb 06 j 14:49	19°♍46'48		
opposition	-6249 Apr 28 j 07:14	18°♍23'12	2°04'32	
min. Earth dist.	-6249 Apr 27 j 20:55	18°♍23'53	29.18573 AU	
direct	-6249 Jul 16 j 21:01	17°♍00'15		
evening set	-6249 Oct 12 j 00:40	18°♍53'39		
conjunction	-6249 Oct 27 j 03:10	19°♍27'44	1°54'56	
minimum elong	-6249 Oct 27 j 03:11	19°♍27'45	1°55'03	
max. Earth dist.	-6249 Oct 27 j 12:49	19°♍28'39	31.18070 AU	
morning rise	-6249 Nov 11 j 07:27	20°♍02'00		
retrograde	-6248 Feb 09 j 03:44	21°♍58'42		
opposition	-6248 Apr 29 j 20:29	20°♍35'01	2°01'01	
min. Earth dist.	-6248 Apr 29 j 10:34	20°♍35'41	29.17796 AU	
direct	-6248 Jul 18 j 08:21	19°♍12'07		
evening set	-6248 Oct 13 j 09:52	21°♍05'25		
conjunction	-6248 Oct 28 j 12:51	21°♍39'33	1°51'34	
minimum elong	-6248 Oct 28 j 12:52	21°♍39'33	1°51'40	
max. Earth dist.	-6248 Oct 28 j 23:39	21°♍40'34	31.17238 AU	
morning rise	-6248 Nov 12 j 17:31	22°♍13'51		
retrograde	-6247 Feb 10 j 15:08	24°♍10'40		
opposition	-6247 May 02 j 09:37	22°♍46'54	1°57'20	
min. Earth dist.	-6247 May 01 j 22:07	22°♍47'41	29.16883 AU	
direct	-6247 Jul 20 j 21:00	21°♍24'01		
evening set	-6247 Oct 15 j 19:11	23°♍17'14		
conjunction	-6247 Oct 30 j 22:22	23°♍51'23	1°48'02	

Attention, astronomical year style is used: The year -6247 in astronomical counting style is the year 6248 BCE in historical counting style.

minimum elong	-6247 Oct 30 j 22:23	23°♑51'23	1°48'07
max. Earth dist.	-6247 Oct 31 j 08:55	23°♑52'23	31.16268 AU
morning rise	-6247 Nov 15 j 03:39	24°♑25'45	
retrograde	-6246 Feb 13 j 02:47	26°♑22'39	
opposition	-6246 May 04 j 22:52	24°♑58'48	1°53'29
min. Earth dist.	-6246 May 04 j 11:24	24°♑59'34	29.15858 AU
direct	-6246 Jul 23 j 07:30	23°♑35'55	
evening set	-6246 Oct 18 j 04:20	25°♑29'01	
conjunction	-6246 Nov 02 j 08:06	26°♑03'13	1°44'21
minimum elong	-6246 Nov 02 j 08:06	26°♑03'13	1°44'26
max. Earth dist.	-6246 Nov 02 j 20:28	26°♑04'23	31.15208 AU
morning rise	-6246 Nov 17 j 13:44	26°♑37'37	
retrograde	-6245 Feb 15 j 13:18	28°♑34'37	
opposition	-6245 May 07 j 11:59	27°♑10'39	1°49'27
min. Earth dist.	-6245 May 06 j 23:24	27°♑11'30	29.14756 AU
direct	-6245 Jul 25 j 19:25	25°♑47'46	
evening set	-6245 Oct 20 j 13:35	27°♑40'46	
conjunction	-6245 Nov 04 j 17:36	28°♑14'59	1°40'31
minimum elong	-6245 Nov 04 j 17:37	28°♑14'59	1°40'34
max. Earth dist.	-6245 Nov 05 j 05:49	28°♑16'09	31.14107 AU
morning rise	-6245 Nov 19 j 23:59	28°♑49'26	
	-6245 Dec 25 j 18:39	0°♎	
retrograde	-6244 Feb 18 j 02:22	0°♎46'32	
	-6244 Apr 15 j 03:19	30°℞♑	
min. Earth dist.	-6244 May 08 j 11:38	29°♑23'22	29.13658 AU
opposition	-6244 May 09 j 01:04	29°♑22'27	1°45'17
direct	-6244 Jul 27 j 05:20	27°♑59'34	
evening set	-6244 Oct 21 j 22:47	29°♑52'28	
	-6244 Oct 25 j 07:59	0°♎	
conjunction	-6244 Nov 06 j 03:21	0°♎26'43	1°36'33
minimum elong	-6244 Nov 06 j 03:22	0°♎26'43	1°36'35
max. Earth dist.	-6244 Nov 06 j 17:26	0°♎28'03	31.13023 AU
morning rise	-6244 Nov 21 j 10:07	1°♎01'13	
retrograde	-6243 Feb 19 j 13:09	2°♎58'24	
opposition	-6243 May 11 j 13:56	1°♎34'14	1°40'57
min. Earth dist.	-6243 May 10 j 23:51	1°♎35'11	29.12600 AU
direct	-6243 Jul 29 j 16:39	0°♎11'21	
evening set	-6243 Oct 24 j 08:06	2°♎04'10	
conjunction	-6243 Nov 08 j 13:00	2°♎38'27	1°32'26
minimum elong	-6243 Nov 08 j 13:01	2°♎38'27	1°32'26
max. Earth dist.	-6243 Nov 09 j 03:23	2°♎39'49	31.12027 AU
morning rise	-6243 Nov 23 j 20:25	3°♎12'59	
retrograde	-6242 Feb 22 j 02:57	5°♎10'17	
min. Earth dist.	-6242 May 13 j 11:01	3°♎47'06	29.11655 AU
opposition	-6242 May 14 j 02:53	3°♎46'02	1°36'29
direct	-6242 Aug 01 j 02:16	2°♎23'09	
evening set	-6242 Oct 26 j 17:16	4°♎15'54	
conjunction	-6242 Nov 10 j 22:40	4°♎50'14	1°28'10
minimum elong	-6242 Nov 10 j 22:41	4°♎50'14	1°28'11
max. Earth dist.	-6242 Nov 11 j 14:35	4°♎51'45	31.11136 AU
morning rise	-6242 Nov 26 j 06:37	5°♎24'50	
retrograde	-6241 Feb 24 j 14:46	7°♎22'14	
opposition	-6241 May 16 j 15:57	5°♎57'55	1°31'51
min. Earth dist.	-6241 May 15 j 23:58	5°♎59'01	29.10819 AU
direct	-6241 Aug 03 j 12:23	4°♎35'05	
evening set	-6241 Oct 29 j 02:38	6°♎27'46	
conjunction	-6241 Nov 13 j 08:33	7°♎02'09	1°23'47
minimum elong	-6241 Nov 13 j 08:33	7°♎02'09	1°23'46
max. Earth dist.	-6241 Nov 14 j 01:29	7°♎03'45	31.10370 AU
morning rise	-6241 Nov 28 j 17:05	7°♎36'47	
retrograde	-6240 Feb 27 j 04:54	9°♎34'18	

min. Earth dist.	-6240 May 17 j 10:47	8°♎11'10	29.10093 AU
opposition	-6240 May 18 j 04:41	8°♎09'57	1°27'06
direct	-6240 Aug 05 j 00:39	6°♎47'09	
evening set	-6240 Oct 30 j 12:07	8°♎39'48	
conjunction	-6240 Nov 14 j 18:27	9°♎14'13	1°19'16
minimum elong	-6240 Nov 14 j 18:27	9°♎14'14	1°19'15
max. Earth dist.	-6240 Nov 15 j 11:54	9°♎15'53	31.09682 AU
morning rise	-6240 Nov 30 j 03:40	9°♎48'55	
retrograde	-6239 Feb 28 j 18:51	11°♎46'33	
opposition	-6239 May 20 j 17:41	10°♎22'10	1°22'12
min. Earth dist.	-6239 May 20 j 00:01	10°♎23'22	29.09435 AU
direct	-6239 Aug 07 j 11:25	8°♎59'26	
evening set	-6239 Nov 01 j 21:31	10°♎52'02	
conjunction	-6239 Nov 17 j 04:26	11°♎26'30	1°14'37
minimum elong	-6239 Nov 17 j 04:27	11°♎26'30	1°14'34
max. Earth dist.	-6239 Nov 17 j 23:24	11°♎28'18	31.09051 AU
morning rise	-6239 Dec 02 j 14:07	12°♎01'15	
retrograde	-6238 Mar 03 j 06:51	13°♎59'00	
min. Earth dist.	-6238 May 22 j 11:12	12°♎35'55	29.08798 AU
opposition	-6238 May 23 j 06:33	12°♎34'36	1°17'10
direct	-6238 Aug 09 j 23:34	11°♎11'55	
evening set	-6238 Nov 04 j 07:18	13°♎04'29	
conjunction	-6238 Nov 19 j 14:34	13°♎38'59	1°09'52
minimum elong	-6238 Nov 19 j 14:34	13°♎38'59	1°09'49
max. Earth dist.	-6238 Nov 20 j 09:18	13°♎40'45	31.08418 AU
morning rise	-6238 Dec 05 j 01:01	14°♎13'48	
retrograde	-6237 Mar 05 j 19:54	16°♎11'40	
opposition	-6237 May 25 j 19:34	14°♎47'13	1°12'01
min. Earth dist.	-6237 May 25 j 00:25	14°♎48'31	29.08152 AU
direct	-6237 Aug 12 j 10:04	13°♎24'35	
evening set	-6237 Nov 06 j 17:03	15°♎17'06	
conjunction	-6237 Nov 22 j 01:01	15°♎51'40	1°05'00
minimum elong	-6237 Nov 22 j 01:02	15°♎51'40	1°04'55
max. Earth dist.	-6237 Nov 22 j 21:21	15°♎53'35	31.07740 AU
morning rise	-6237 Dec 07 j 11:56	16°♎26'31	
retrograde	-6236 Mar 07 j 07:47	18°♎24'30	
opposition	-6236 May 27 j 08:28	17°♎00'01	1°06'46
min. Earth dist.	-6236 May 26 j 12:34	17°♎01'22	29.07420 AU
direct	-6236 Aug 13 j 22:25	15°♎37'25	
evening set	-6236 Nov 08 j 03:10	17°♎29'53	
conjunction	-6236 Nov 23 j 11:29	18°♎04'29	1°00'02
minimum elong	-6236 Nov 23 j 11:29	18°♎04'29	0°59'57
max. Earth dist.	-6236 Nov 24 j 07:06	18°♎06'20	31.06963 AU
morning rise	-6236 Dec 08 j 23:08	18°♎39'24	
retrograde	-6235 Mar 09 j 21:01	20°♎37'28	
opposition	-6235 May 29 j 21:19	19°♎12'55	1°01'24
min. Earth dist.	-6235 May 29 j 01:12	19°♎14'18	29.06584 AU
direct	-6235 Aug 16 j 08:29	17°♎50'20	
evening set	-6235 Nov 10 j 13:13	19°♎42'45	
conjunction	-6235 Nov 25 j 22:11	20°♎17'23	0°54'59
minimum elong	-6235 Nov 25 j 22:11	20°♎17'23	0°54'52
max. Earth dist.	-6235 Nov 26 j 18:59	20°♎19'21	31.06064 AU
morning rise	-6235 Dec 11 j 10:20	20°♎52'21	
retrograde	-6234 Mar 12 j 07:33	22°♎50'29	
opposition	-6234 Jun 01 j 10:18	21°♎25'52	0°55'57
min. Earth dist.	-6234 May 31 j 14:06	21°♎27'15	29.05618 AU
direct	-6234 Aug 18 j 19:55	20°♎03'17	
evening set	-6234 Nov 12 j 23:16	21°♎55'37	
conjunction	-6234 Nov 28 j 08:44	22°♎30'18	0°49'50
minimum elong	-6234 Nov 28 j 08:45	22°♎30'18	0°49'44

Attention, astronomical year style is used: The year -6234 in astronomical counting style is the year 6235 BCE in historical counting style.

max. Earth dist.	-6234 Nov 29 j 05:15	22°♎32'14	31.05061 AU
morning rise	-6234 Dec 13 j 21:38	23°♎05'18	
retrograde	-6233 Mar 14 j 21:15	25°♎03'30	
opposition	-6233 Jun 03 j 23:10	23°♎38'48	0°50'25
min. Earth dist.	-6233 Jun 03 j 01:59	23°♎40'15	29.04563 AU
direct	-6233 Aug 21 j 05:55	22°♎16'09	
evening set	-6233 Nov 15 j 09:28	24°♎08'26	
conjunction	-6233 Nov 30 j 19:31	24°♎43'09	0°44'38
minimum elong	-6233 Nov 30 j 19:31	24°♎43'09	0°44'30
max. Earth dist.	-6233 Dec 01 j 16:50	24°♎45'10	31.03970 AU
morning rise	-6233 Dec 16 j 09:03	25°♎18'13	
retrograde	-6232 Mar 16 j 08:50	27°♎16'27	
opposition	-6232 Jun 05 j 11:53	25°♎51'38	0°44'49
min. Earth dist.	-6232 Jun 04 j 15:13	25°♎53'03	29.03456 AU
direct	-6232 Aug 22 j 16:27	24°♎28'57	
evening set	-6232 Nov 16 j 19:40	26°♎21'10	
conjunction	-6232 Dec 02 j 06:19	26°♎55'55	0°39'22
minimum elong	-6232 Dec 02 j 06:19	26°♎55'55	0°39'13
max. Earth dist.	-6232 Dec 03 j 04:17	26°♎57'59	31.02875 AU
morning rise	-6232 Dec 17 j 20:26	27°♎31'02	
retrograde	-6231 Mar 18 j 22:43	29°♎29'18	
min. Earth dist.	-6231 Jun 07 j 02:19	28°♎05'55	29.02372 AU
opposition	-6231 Jun 08 j 00:29	28°♎04'24	0°39'09
direct	-6231 Aug 25 j 04:35	26°♎41'41	
evening set	-6231 Nov 19 j 05:52	28°♎33'50	
conjunction	-6231 Dec 04 j 16:55	29°♎08'38	0°34'02
minimum elong	-6231 Dec 04 j 16:56	29°♎08'38	0°33'52
max. Earth dist.	-6231 Dec 05 j 15:10	29°♎10'43	31.01815 AU
morning rise	-6231 Dec 20 j 07:44	29°♎43'47	
	-6231 Dec 27 j 18:27	0°♏	
retrograde	-6230 Mar 21 j 11:56	1°♏42'07	
opposition	-6230 Jun 10 j 13:14	0°♏17'07	0°33'25
min. Earth dist.	-6230 Jun 09 j 15:25	0°♏18'37	29.01362 AU
	-6230 Jun 20 j 23:57	30°℞♎	
direct	-6230 Aug 27 j 15:05	28°♎54'23	
	-6230 Oct 30 j 06:04	0°♏	
evening set	-6230 Nov 21 j 16:08	0°♏46'29	
conjunction	-6230 Dec 07 j 03:53	1°♏21'20	0°28'39
minimum elong	-6230 Dec 07 j 03:54	1°♏21'20	0°28'29
max. Earth dist.	-6230 Dec 08 j 03:33	1°♏23'34	31.00864 AU
morning rise	-6230 Dec 22 j 19:11	1°♏56'32	
retrograde	-6229 Mar 24 j 00:45	3°♏54'55	
min. Earth dist.	-6229 Jun 12 j 02:16	2°♏31'29	29.00462 AU
opposition	-6229 Jun 13 j 01:41	2°♏29'52	0°27'38
direct	-6229 Aug 30 j 03:19	1°♏07'07	
evening set	-6229 Nov 24 j 02:38	2°♏59'13	
conjunction	-6229 Dec 09 j 14:48	3°♏34'06	0°23'14
minimum elong	-6229 Dec 09 j 14:48	3°♏34'06	0°23'02
max. Earth dist.	-6229 Dec 10 j 14:10	3°♏36'18	31.00022 AU
morning rise	-6229 Dec 25 j 06:53	4°♏09'21	
retrograde	-6228 Mar 25 j 14:42	6°♏07'49	
opposition	-6228 Jun 14 j 14:18	4°♏42'43	0°21'48
min. Earth dist.	-6228 Jun 13 j 15:01	4°♏44'19	28.99681 AU
direct	-6228 Aug 31 j 13:58	3°♏19'59	
evening set	-6228 Nov 25 j 13:05	5°♏12'04	
conjunction	-6228 Dec 11 j 01:57	5°♏47'00	0°17'46
minimum elong	-6228 Dec 11 j 01:57	5°♏47'00	0°17'34
max. Earth dist.	-6228 Dec 12 j 03:01	5°♏49'22	30.99289 AU
morning rise	-6228 Dec 26 j 18:27	6°♏22'18	
retrograde	-6227 Mar 28 j 03:14	8°♏20'50	
min. Earth dist.	-6227 Jun 16 j 02:30	6°♏57'23	28.98986 AU
opposition	-6227 Jun 17 j 02:41	6°♏55'43	0°15'56
direct	-6227 Sep 03 j 02:18	5°♏33'01	
evening set	-6227 Nov 27 j 23:49	7°♏25'06	
conjunction	-6227 Dec 13 j 13:04	8°♏00'05	0°12'16
minimum elong	-6227 Dec 13 j 13:04	8°♏00'05	0°12'03
behind sun begin	-6227 Dec 13 j 08:38	7°♏59'41	
behind sun end	-6227 Dec 13 j 17:30	8°♏00'29	
max. Earth dist.	-6227 Dec 14 j 13:38	8°♏02'24	30.98645 AU
morning rise	-6227 Dec 29 j 06:20	8°♏35'27	
retrograde	-6226 Mar 30 j 16:52	10°♏34'04	
opposition	-6226 Jun 19 j 15:15	9°♏08'57	0°10'02
min. Earth dist.	-6226 Jun 18 j 14:47	9°♏10'38	28.98376 AU
direct	-6226 Sep 05 j 12:11	7°♏46'17	
evening set	-6226 Nov 30 j 10:31	9°♏38'23	
conjunction	-6226 Dec 16 j 00:26	10°♏13'24	0°06'46
minimum elong	-6226 Dec 16 j 00:26	10°♏13'24	0°06'32
behind sun begin	-6226 Dec 15 j 18:21	10°♏12'51	
behind sun end	-6226 Dec 16 j 06:30	10°♏13'57	
max. Earth dist.	-6226 Dec 17 j 02:18	10°♏15'51	30.98044 AU
morning rise	-6226 Dec 31 j 18:11	10°♏48'49	
retrograde	-6225 Apr 02 j 04:04	12°♏47'32	
min. Earth dist.	-6225 Jun 21 j 03:23	11°♏24'06	28.97774 AU
opposition	-6225 Jun 22 j 03:46	11°♏22'25	0°04'07
direct	-6225 Sep 07 j 23:20	9°♏59'47	
evening set	-6225 Dec 02 j 21:38	11°♏51'55	
conjunction	-6225 Dec 18 j 12:02	12°♏26'59	0°01'11
minimum elong	-6225 Dec 18 j 12:02	12°♏26'59	0°00'57
behind sun begin	-6225 Dec 18 j 05:34	12°♏26'24	
behind sun end	-6225 Dec 18 j 18:29	12°♏27'34	
max. Earth dist.	-6225 Dec 19 j 13:23	12°♏29'22	30.97441 AU
morning rise	-6224 Jan 03 j 06:26	13°♏02'26	
desc. node	-6224 Mar 04 j 09:24	14°♏46'23	
	-6224 Mar 26 j 01:21	15°♏	
retrograde	-6224 Apr 03 j 18:32	15°♏01'14	
	-6224 Apr 12 j 13:57	15°℞♏	
opposition	-6224 Jun 23 j 16:05	13°♏36'07	-0°01'49
min. Earth dist.	-6224 Jun 22 j 15:06	13°♏37'51	28.97149 AU
direct	-6224 Sep 09 j 08:52	12°♏13'29	
evening set	-6224 Dec 04 j 08:54	14°♏05'40	
conjunction	-6224 Dec 19 j 23:48	14°♏40'47	-0°04'28
minimum elong	-6224 Dec 19 j 23:48	14°♏40'47	0°04'43
behind sun begin	-6224 Dec 19 j 17:28	14°♏40'12	
behind sun end	-6224 Dec 20 j 06:08	14°♏41'21	
max. Earth dist.	-6224 Dec 21 j 01:30	14°♏43'12	30.96766 AU
	-6224 Dec 28 j 11:38	15°♏	
morning rise	-6223 Jan 04 j 18:43	15°♏16'17	
retrograde	-6223 Apr 06 j 06:21	17°♏15'09	
min. Earth dist.	-6223 Jun 25 j 04:35	15°♏51'42	28.96431 AU
opposition	-6223 Jun 26 j 04:37	15°♏50'02	-0°07'45
	-6223 Jul 28 j 12:31	15°℞♏	
direct	-6223 Sep 11 j 19:02	14°♏27'24	
	-6223 Oct 25 j 16:04	15°♏	
evening set	-6223 Dec 06 j 20:06	16°♏19'36	
conjunction	-6223 Dec 22 j 11:35	16°♏54'45	-0°09'59
minimum elong	-6223 Dec 22 j 11:35	16°♏54'45	0°10'15
behind sun begin	-6223 Dec 22 j 06:26	16°♏54'17	
behind sun end	-6223 Dec 22 j 16:44	16°♏55'12	
max. Earth dist.	-6223 Dec 23 j 13:21	16°♏57'10	30.96002 AU
morning rise	-6222 Jan 07 j 07:01	17°♏30'17	
retrograde	-6222 Apr 08 j 20:25	19°♏29'13	
opposition	-6222 Jun 28 j 17:04	18°♏04'04	-0°13'41
min. Earth dist.	-6222 Jun 27 j 16:10	18°♏05'47	28.95604 AU

Attention, astronomical year style is used: The year -6222 in astronomical counting style is the year 6223 BCE in historical counting style.

direct	-6222 Sep 14 j 07:01	16°♏41'24	
evening set	-6222 Dec 09 j 07:39	18°♏33'37	
conjunction	-6222 Dec 24 j 23:33	19°♏08'48	-0°15'30
minimum elong	-6222 Dec 24 j 23:33	19°♏08'48	0°15'46
behind sun begin	-6222 Dec 24 j 22:20	19°♏08'42	
behind sun end	-6222 Dec 25 j 00:46	19°♏08'55	
max. Earth dist.	-6222 Dec 26 j 00:44	19°♏11'10	30.95110 AU
morning rise	-6221 Jan 09 j 19:39	19°♏44'23	
retrograde	-6221 Apr 11 j 09:29	21°♏43'21	
min. Earth dist.	-6221 Jun 30 j 05:47	20°♏19'47	28.94667 AU
opposition	-6221 Jul 01 j 05:29	20°♏18'08	-0°19'35
direct	-6221 Sep 16 j 17:03	18°♏55'26	
evening set	-6221 Dec 11 j 19:05	20°♏47'38	
conjunction	-6221 Dec 27 j 11:42	21°♏22'52	-0°21'00
minimum elong	-6221 Dec 27 j 11:42	21°♏22'52	0°21'18
max. Earth dist.	-6221 Dec 28 j 13:30	21°♏25'18	30.94134 AU
morning rise	-6220 Jan 12 j 08:13	21°♏58'29	
retrograde	-6220 Apr 12 j 23:00	23°♏57'27	
opposition	-6220 Jul 02 j 17:40	22°♏32'11	-0°25'27
min. Earth dist.	-6220 Jul 01 j 17:06	22°♏33'53	28.93653 AU
direct	-6220 Sep 18 j 05:44	21°♏09'24	
evening set	-6220 Dec 13 j 06:45	23°♏01'37	
conjunction	-6220 Dec 28 j 23:39	23°♏36'52	-0°26'29
minimum elong	-6220 Dec 28 j 23:39	23°♏36'52	0°26'47
max. Earth dist.	-6220 Dec 30 j 00:33	23°♏39'13	30.93101 AU
morning rise	-6219 Jan 13 j 20:50	24°♏12'31	
retrograde	-6219 Apr 15 j 13:27	26°♏11'30	
min. Earth dist.	-6219 Jul 04 j 06:00	24°♏47'48	28.92632 AU
opposition	-6219 Jul 05 j 05:51	24°♏46'08	-0°31'17
direct	-6219 Sep 20 j 17:13	23°♏23'17	
evening set	-6219 Dec 15 j 18:17	25°♏15'30	
conjunction	-6219 Dec 31 j 11:51	25°♏50'48	-0°31'54
minimum elong	-6219 Dec 31 j 11:51	25°♏50'48	0°32'13
max. Earth dist.	-6218 Jan 01 j 14:04	25°♏53'16	30.92097 AU
morning rise	-6218 Jan 16 j 09:21	26°♏26'28	
retrograde	-6218 Apr 18 j 02:17	28°♏25'27	
opposition	-6218 Jul 07 j 17:52	27°♏00'01	-0°37'05
min. Earth dist.	-6218 Jul 06 j 17:26	27°♏01'43	28.91663 AU
direct	-6218 Sep 23 j 06:25	25°♏37'06	
evening set	-6218 Dec 18 j 06:00	27°♏29'19	
conjunction	-6217 Jan 02 j 23:56	28°♏04'38	-0°37'17
minimum elong	-6217 Jan 02 j 23:56	28°♏04'38	0°37'37
max. Earth dist.	-6217 Jan 04 j 01:21	28°♏07'02	30.91177 AU
morning rise	-6217 Jan 18 j 22:07	28°♏40'22	
	-6217 Mar 01 j 13:10	0°♐	
retrograde	-6217 Apr 20 j 15:43	0°♐39'20	
	-6217 Jun 11 j 01:05	30°℞♏	
min. Earth dist.	-6217 Jul 09 j 05:29	29°♏15'33	28.90807 AU
opposition	-6217 Jul 10 j 05:56	29°♏13'51	-0°42'48
direct	-6217 Sep 25 j 16:54	27°♏50'52	
evening set	-6217 Dec 20 j 17:50	29°♏43'07	
	-6217 Dec 28 j 07:58	0°♐	
conjunction	-6216 Jan 05 j 12:21	0°♐18'28	-0°42'37
minimum elong	-6216 Jan 05 j 12:20	0°♐18'28	0°42'57
max. Earth dist.	-6216 Jan 06 j 14:51	0°♐20'58	30.90367 AU
morning rise	-6216 Jan 21 j 10:51	0°♐54'13	
retrograde	-6216 Apr 22 j 03:25	2°♐53'11	
opposition	-6216 Jul 11 j 17:44	1°♐27'40	-0°48'29
min. Earth dist.	-6216 Jul 10 j 17:22	1°♐29'22	28.90068 AU
direct	-6216 Sep 27 j 04:58	0°♐04'39	
evening set	-6216 Dec 22 j 05:46	1°♐56'55	

conjunction	-6215 Jan 07 j 00:41	2°♐32'18	-0°47'53
minimum elong	-6215 Jan 07 j 00:41	2°♐32'18	0°48'13
max. Earth dist.	-6215 Jan 08 j 02:42	2°♐34'45	30.89704 AU
morning rise	-6215 Jan 22 j 23:43	3°♐08'05	
retrograde	-6215 Apr 24 j 17:57	5°♐07'04	
min. Earth dist.	-6215 Jul 13 j 04:30	3°♐43'17	28.89477 AU
opposition	-6215 Jul 14 j 05:37	3°♐41'32	-0°54'04
direct	-6215 Sep 29 j 15:22	2°♐18'29	
evening set	-6215 Dec 24 j 17:39	4°♐10'48	
conjunction	-6214 Jan 09 j 13:01	4°♐46'13	-0°53'05
minimum elong	-6214 Jan 09 j 13:01	4°♐46'13	0°53'26
max. Earth dist.	-6214 Jan 10 j 15:37	4°♐48'44	30.89164 AU
morning rise	-6214 Jan 25 j 12:29	5°♐22'02	
retrograde	-6214 Apr 27 j 04:51	7°♐21'02	
opposition	-6214 Jul 16 j 17:35	5°♐55'30	-0°59'36
min. Earth dist.	-6214 Jul 15 j 17:14	5°♐57'13	28.89001 AU
direct	-6214 Oct 02 j 01:45	4°♐32'27	
evening set	-6214 Dec 27 j 05:48	6°♐24'50	
conjunction	-6213 Jan 12 j 01:42	7°♐00'16	-0°58'13
minimum elong	-6213 Jan 12 j 01:42	7°♐00'16	0°58'34
max. Earth dist.	-6213 Jan 13 j 04:25	7°♐02'47	30.88743 AU
morning rise	-6213 Jan 28 j 01:34	7°♐36'07	
retrograde	-6213 Apr 29 j 18:18	9°♐35'08	
min. Earth dist.	-6213 Jul 18 j 04:08	8°♐11'23	28.88619 AU
opposition	-6213 Jul 19 j 05:16	8°♐09'37	-1°05'02
direct	-6213 Oct 04 j 12:47	6°♐46'33	
evening set	-6213 Dec 29 j 18:17	8°♐39'01	
conjunction	-6212 Jan 14 j 14:30	9°♐14'30	-1°03'15
minimum elong	-6212 Jan 14 j 14:30	9°♐14'30	1°03'37
max. Earth dist.	-6212 Jan 15 j 16:40	9°♐16'57	30.88374 AU
morning rise	-6212 Jan 30 j 14:51	9°♐50'21	
retrograde	-6212 May 01 j 07:06	11°♐49'25	
opposition	-6212 Jul 20 j 17:10	10°♐23'55	-1°10'22
min. Earth dist.	-6212 Jul 19 j 17:22	10°♐25'35	28.88271 AU
direct	-6212 Oct 05 j 22:03	9°♐00'50	
evening set	-6212 Dec 31 j 06:42	10°♐53'23	
conjunction	-6211 Jan 16 j 03:28	11°♐28'54	-1°08'12
minimum elong	-6211 Jan 16 j 03:27	11°♐28'53	1°08'34
max. Earth dist.	-6211 Jan 17 j 06:01	11°♐31'23	30.88017 AU
morning rise	-6211 Feb 01 j 04:02	12°♐04'47	
retrograde	-6211 May 03 j 20:49	14°♐03'51	
min. Earth dist.	-6211 Jul 22 j 04:31	12°♐40'06	28.87898 AU
opposition	-6211 Jul 23 j 04:52	12°♐38'23	-1°15'37
direct	-6211 Oct 08 j 10:25	11°♐15'16	
evening set	-6210 Jan 02 j 19:31	13°♐07'55	
conjunction	-6210 Jan 18 j 16:32	13°♐43'27	-1°13'03
minimum elong	-6210 Jan 18 j 16:31	13°♐43'27	1°13'25
max. Earth dist.	-6210 Jan 19 j 17:38	13°♐45'49	30.87610 AU
morning rise	-6210 Feb 03 j 17:37	14°♐19'22	
retrograde	-6210 May 06 j 11:18	16°♐18'27	
opposition	-6210 Jul 25 j 16:44	14°♐52'59	-1°20'44
min. Earth dist.	-6210 Jul 24 j 17:38	14°♐54'36	28.87467 AU
direct	-6210 Oct 10 j 21:20	13°♐29'50	
evening set	-6209 Jan 05 j 08:16	15°♐22'33	
conjunction	-6209 Jan 21 j 05:54	15°♐58'07	-1°17'47
minimum elong	-6209 Jan 21 j 05:53	15°♐58'07	1°18'10
max. Earth dist.	-6209 Jan 22 j 07:32	16°♐00'32	30.87127 AU
morning rise	-6209 Feb 06 j 07:12	16°♐34'03	
retrograde	-6209 May 09 j 00:32	18°♐33'07	
min. Earth dist.	-6209 Jul 27 j 05:29	17°♐09'16	28.86935 AU
opposition	-6209 Jul 28 j 04:29	17°♐07'40	-1°25'44

Attention, astronomical year style is used: The year -6209 in astronomical counting style is the year 6210 BCE in historical counting style.

direct	-6209 Oct 13 j 10:31	15°♐44'27	
evening set	-6208 Jan 07 j 21:20	17°♐37'15	
conjunction	-6208 Jan 23 j 19:12	18°♐12'50	-1°22'25
minimum elong	-6208 Jan 23 j 19:12	18°♐12'50	1°22'47
max. Earth dist.	-6208 Jan 24 j 19:09	18°♐15'05	30.86554 AU
morning rise	-6208 Feb 08 j 21:01	18°♐48'47	
retrograde	-6208 May 10 j 14:47	20°♐47'49	
opposition	-6208 Jul 29 j 16:04	19°♐22'20	-1°30'37
min. Earth dist.	-6208 Jul 28 j 17:50	19°♐23'54	28.86338 AU
direct	-6208 Oct 14 j 21:23	17°♐59'03	
evening set	-6207 Jan 09 j 10:16	19°♐51'54	
conjunction	-6207 Jan 25 j 08:38	20°♐27'31	-1°26'54
minimum elong	-6207 Jan 25 j 08:37	20°♐27'31	1°27'18
max. Earth dist.	-6207 Jan 26 j 09:04	20°♐29'49	30.85926 AU
morning rise	-6207 Feb 10 j 10:37	21°♐03'29	
retrograde	-6207 May 13 j 03:31	23°♐02'28	
min. Earth dist.	-6207 Jul 31 j 06:03	21°♐38'29	28.85708 AU
opposition	-6207 Aug 01 j 03:40	21°♐36'58	-1°35'21
direct	-6207 Oct 17 j 10:09	20°♐13'37	
evening set	-6206 Jan 11 j 23:09	22°♐06'31	
conjunction	-6206 Jan 27 j 21:50	22°♐42'09	-1°31'16
minimum elong	-6206 Jan 27 j 21:50	22°♐42'09	1°31'39
max. Earth dist.	-6206 Jan 28 j 21:11	22°♐44'21	30.85311 AU
morning rise	-6206 Feb 13 j 00:15	23°♐18'08	
retrograde	-6206 May 15 j 17:57	25°♐17'05	
opposition	-6206 Aug 03 j 15:07	23°♐51'33	-1°39'56
min. Earth dist.	-6206 Aug 02 j 17:18	23°♐53'05	28.85124 AU
direct	-6206 Oct 19 j 21:31	22°♐28'07	
evening set	-6205 Jan 14 j 12:16	24°♐21'05	
conjunction	-6205 Jan 30 j 11:20	24°♐56'44	-1°35'29
minimum elong	-6205 Jan 30 j 11:20	24°♐56'44	1°35'53
max. Earth dist.	-6205 Jan 31 j 10:49	24°♐58'56	30.84746 AU
morning rise	-6205 Feb 15 j 14:00	25°♐32'44	
retrograde	-6205 May 18 j 04:43	27°♐31'37	
min. Earth dist.	-6205 Aug 05 j 05:46	26°♐07'33	28.84617 AU
opposition	-6205 Aug 06 j 02:27	26°♐06'05	-1°44'23
direct	-6205 Oct 22 j 08:27	24°♐42'35	
evening set	-6204 Jan 17 j 01:26	26°♐35'38	
conjunction	-6204 Feb 02 j 00:54	27°♐11'18	-1°39'34
minimum elong	-6204 Feb 02 j 00:54	27°♐11'18	1°39'57
max. Earth dist.	-6204 Feb 03 j 00:05	27°♐13'28	30.84300 AU
morning rise	-6204 Feb 18 j 03:49	27°♐47'18	
retrograde	-6204 May 19 j 17:56	29°♐46'09	
opposition	-6204 Aug 07 j 13:41	28°♐20'37	-1°48'39
min. Earth dist.	-6204 Aug 06 j 16:20	28°♐22'07	28.84242 AU
direct	-6204 Oct 23 j 19:42	26°♐57'03	
evening set	-6203 Jan 18 j 14:36	28°♐50'11	
conjunction	-6203 Feb 03 j 14:17	29°♐25'52	-1°43'30
minimum elong	-6203 Feb 03 j 14:16	29°♐25'52	1°43'54
max. Earth dist.	-6203 Feb 04 j 12:57	29°♐28'00	30.83980 AU
	-6203 Feb 18 j 20:55	0°♑	
morning rise	-6203 Feb 19 j 17:30	0°♑01'53	
retrograde	-6203 May 22 j 05:58	2°♑00'42	
min. Earth dist.	-6203 Aug 09 j 04:55	0°♑36'36	28.84012 AU
opposition	-6203 Aug 10 j 01:02	0°♑35'11	-1°52'46
	-6203 Aug 31 j 10:40	30°℞♐	
direct	-6203 Oct 26 j 04:34	29°♐11'34	
	-6203 Dec 19 j 08:24	0°♑	
evening set	-6202 Jan 21 j 03:49	1°♑04'48	
conjunction	-6202 Feb 06 j 04:00	1°♑40'30	-1°47'16
minimum elong	-6202 Feb 06 j 03:59	1°♑40'30	1°47'40
max. Earth dist.	-6202 Feb 07 j 03:01	1°♑42'40	30.83826 AU
morning rise	-6202 Feb 22 j 07:21	2°♑16'32	
retrograde	-6202 May 24 j 18:36	4°♑15'18	
opposition	-6202 Aug 12 j 12:09	2°♑49'50	-1°56'43
min. Earth dist.	-6202 Aug 11 j 15:23	2°♑51'18	28.83932 AU
direct	-6202 Oct 28 j 16:57	1°♑26'11	
evening set	-6201 Jan 23 j 17:20	3°♑19'32	
conjunction	-6201 Feb 08 j 17:41	3°♑55'15	-1°50'53
minimum elong	-6201 Feb 08 j 17:41	3°♑55'15	1°51'17
max. Earth dist.	-6201 Feb 09 j 15:24	3°♑57'17	30.83807 AU
morning rise	-6201 Feb 24 j 21:27	4°♑31'17	
retrograde	-6201 May 27 j 07:56	6°♑30'02	
opposition	-6201 Aug 14 j 23:26	5°♑04'37	-2°00'29
min. Earth dist.	-6201 Aug 14 j 03:49	5°♑06'00	28.83981 AU
direct	-6201 Oct 31 j 03:23	3°♑40'56	
evening set	-6200 Jan 26 j 06:52	5°♑34'25	
conjunction	-6200 Feb 11 j 07:42	6°♑10'09	-1°54'19
minimum elong	-6200 Feb 11 j 07:41	6°♑10'09	1°54'43
max. Earth dist.	-6200 Feb 12 j 06:00	6°♑12'14	30.83894 AU
morning rise	-6200 Feb 27 j 11:29	6°♑46'11	
retrograde	-6200 May 28 j 20:51	8°♑44'53	
opposition	-6200 Aug 16 j 10:29	7°♑19'33	-2°04'04
min. Earth dist.	-6200 Aug 15 j 15:01	7°♑20'55	28.84099 AU
direct	-6200 Nov 01 j 15:46	5°♑55'51	
evening set	-6199 Jan 27 j 20:41	7°♑49'27	
conjunction	-6199 Feb 12 j 21:38	8°♑25'12	-1°57'35
minimum elong	-6199 Feb 12 j 21:37	8°♑25'12	1°58'00
max. Earth dist.	-6199 Feb 13 j 18:12	8°♑27'08	30.84034 AU
morning rise	-6199 Mar 01 j 01:47	9°♑01'15	
retrograde	-6199 May 31 j 11:34	10°♑59'55	
opposition	-6199 Aug 18 j 21:42	9°♑34'38	-2°07'28
min. Earth dist.	-6199 Aug 18 j 03:06	9°♑35'57	28.84257 AU
direct	-6199 Nov 04 j 02:26	8°♑10'55	
evening set	-6198 Jan 30 j 10:24	10°♑04'38	
conjunction	-6198 Feb 15 j 11:47	10°♑40'25	-2°00'41
minimum elong	-6198 Feb 15 j 11:47	10°♑40'25	2°01'04
max. Earth dist.	-6198 Feb 16 j 08:36	10°♑42'22	30.84166 AU
morning rise	-6198 Mar 03 j 16:00	11°♑16'28	
retrograde	-6198 Jun 03 j 01:11	13°♑15'05	
opposition	-6198 Aug 21 j 08:56	11°♑49'51	-2°10'40
min. Earth dist.	-6198 Aug 20 j 15:25	11°♑51'05	28.84364 AU
direct	-6198 Nov 06 j 15:51	10°♑26'06	
evening set	-6197 Feb 02 j 00:31	12°♑19'56	
conjunction	-6197 Feb 18 j 02:08	12°♑55'43	-2°03'35
minimum elong	-6197 Feb 18 j 02:07	12°♑55'43	2°03'59
max. Earth dist.	-6197 Feb 18 j 20:58	12°♑57'29	30.84239 AU
morning rise	-6197 Mar 06 j 06:38	13°♑31'46	
retrograde	-6197 Jun 05 j 15:30	15°♑30'19	
opposition	-6197 Aug 23 j 20:00	14°♑05'07	-2°13'41
min. Earth dist.	-6197 Aug 23 j 02:53	14°♑06'20	28.84399 AU
direct	-6197 Nov 09 j 04:00	12°♑41'18	
evening set	-6196 Feb 04 j 14:40	14°♑35'14	
conjunction	-6196 Feb 20 j 16:36	15°♑11'02	-2°06'18
minimum elong	-6196 Feb 20 j 16:36	15°♑11'02	2°06'41
max. Earth dist.	-6196 Feb 21 j 10:54	15°♑12'45	30.84213 AU
morning rise	-6196 Mar 07 j 21:11	15°♑47'06	
retrograde	-6196 Jun 07 j 03:33	17°♑45'32	
opposition	-6196 Aug 25 j 07:13	16°♑20'22	-2°16'29
min. Earth dist.	-6196 Aug 24 j 15:49	16°♑21'27	28.84335 AU
direct	-6196 Nov 10 j 15:39	14°♑56'29	

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

evening set	-6195 Feb 06 j 04:38	16°♓50'28	
conjunction	-6195 Feb 22 j 06:51	17°♓26'17	-2°08'50
minimum elong	-6195 Feb 22 j 06:51	17°♓26'17	2°09'14
max. Earth dist.	-6195 Feb 23 j 00:01	17°♓27'53	30.84119 AU
morning rise	-6195 Mar 10 j 11:37	18°♓02'21	
retrograde	-6195 Jun 09 j 17:35	20°♓00'40	
opposition	-6195 Aug 27 j 18:13	18°♓35'31	-2°19'04
min. Earth dist.	-6195 Aug 27 j 02:46	18°♓36'36	28.84215 AU
direct	-6195 Nov 13 j 03:57	17°♓11'32	
evening set	-6194 Feb 08 j 18:48	19°♓05'36	
conjunction	-6194 Feb 24 j 21:15	19°♓41'25	-2°11'10
minimum elong	-6194 Feb 24 j 21:15	19°♓41'25	2°11'33
max. Earth dist.	-6194 Feb 25 j 13:21	19°♓42'56	30.83976 AU
morning rise	-6194 Mar 13 j 02:12	20°♓17'29	
retrograde	-6194 Jun 12 j 05:09	22°♓15'41	
opposition	-6194 Aug 30 j 05:11	20°♓50'32	-2°21'27
min. Earth dist.	-6194 Aug 29 j 15:35	20°♓51'30	28.84082 AU
direct	-6194 Nov 15 j 13:56	19°♓26'27	
evening set	-6193 Feb 11 j 08:54	21°♓20'36	
conjunction	-6193 Feb 27 j 11:45	21°♓56'25	-2°13'17
minimum elong	-6193 Feb 27 j 11:45	21°♓56'25	2°13'41
max. Earth dist.	-6193 Feb 28 j 03:31	21°♓57'54	30.83857 AU
morning rise	-6193 Mar 15 j 16:47	22°♓32'29	
retrograde	-6193 Jun 14 j 17:01	24°♓30'33	
opposition	-6193 Sep 01 j 15:59	23°♓05'25	-2°23'37
min. Earth dist.	-6193 Sep 01 j 02:11	23°♓06'24	28.83983 AU
direct	-6193 Nov 18 j 02:57	21°♓41'15	
evening set	-6192 Feb 13 j 23:09	23°♓35'28	
conjunction	-6192 Mar 01 j 02:04	24°♓11'18	-2°15'13
minimum elong	-6192 Mar 01 j 02:04	24°♓11'18	2°15'35
max. Earth dist.	-6192 Mar 01 j 16:14	24°♓12'37	30.83785 AU
morning rise	-6192 Mar 17 j 07:19	24°♓47'21	
retrograde	-6192 Jun 16 j 04:57	26°♓45'19	
opposition	-6192 Sep 03 j 02:49	25°♓20'11	-2°25'34
min. Earth dist.	-6192 Sep 02 j 14:20	25°♓21'05	28.83972 AU
direct	-6192 Nov 19 j 13:14	23°♓55'56	
evening set	-6191 Feb 15 j 13:11	25°♓50'15	
conjunction	-6191 Mar 03 j 16:31	26°♓26'05	-2°16'56
minimum elong	-6191 Mar 03 j 16:31	26°♓26'05	2°17'19
max. Earth dist.	-6191 Mar 04 j 07:04	26°♓27'27	30.83827 AU
morning rise	-6191 Mar 19 j 21:43	27°♓02'08	
retrograde	-6191 Jun 18 j 17:00	28°♓59'59	
opposition	-6191 Sep 05 j 13:31	27°♓34'54	-2°27'18
min. Earth dist.	-6191 Sep 05 j 01:08	27°♓35'47	28.84076 AU
direct	-6191 Nov 22 j 01:29	26°♓10'35	
evening set	-6190 Feb 18 j 03:19	28°♓05'00	
conjunction	-6190 Mar 06 j 06:46	28°♓40'50	-2°18'27
minimum elong	-6190 Mar 06 j 06:46	28°♓40'50	2°18'48
max. Earth dist.	-6190 Mar 06 j 19:35	28°♓42'02	30.84000 AU
morning rise	-6190 Mar 22 j 12:16	29°♓16'53	
	-6190 Apr 12 j 08:03	0°♒	
retrograde	-6190 Jun 21 j 06:29	1°♒14'38	
	-6190 Sep 01 j 21:43	30°℞♓	
opposition	-6190 Sep 08 j 00:19	29°♓49'36	-2°28'48
min. Earth dist.	-6190 Sep 07 j 12:39	29°♓50'26	28.84325 AU
direct	-6190 Nov 24 j 12:27	28°♓25'14	
	-6189 Feb 11 j 11:36	0°♒	
evening set	-6189 Feb 20 j 17:31	0°♒19'46	
conjunction	-6189 Mar 08 j 21:21	0°♒55'38	-2°19'45
minimum elong	-6189 Mar 08 j 21:21	0°♒55'38	2°20'06
max. Earth dist.	-6189 Mar 09 j 10:34	0°♒56'52	30.84306 AU
morning rise	-6189 Mar 25 j 02:46	1°♒31'39	
retrograde	-6189 Jun 23 j 19:04	3°♒29'19	
opposition	-6189 Sep 10 j 10:56	2°♒04'22	-2°30'04
min. Earth dist.	-6189 Sep 10 j 00:10	2°♒05'08	28.84692 AU
direct	-6189 Nov 27 j 01:39	0°♒39'58	
evening set	-6188 Feb 23 j 07:52	2°♒34'38	
conjunction	-6188 Mar 10 j 11:49	3°♒10'30	-2°20'50
minimum elong	-6188 Mar 10 j 11:49	3°♒10'30	2°21'10
max. Earth dist.	-6188 Mar 10 j 23:16	3°♒11'34	30.84738 AU
morning rise	-6188 Mar 26 j 17:28	3°♒46'32	
retrograde	-6188 Jun 25 j 09:05	5°♒44'06	
opposition	-6188 Sep 11 j 21:37	4°♒19'14	-2°31'06
min. Earth dist.	-6188 Sep 11 j 10:59	4°♒19'59	28.85172 AU
direct	-6188 Nov 28 j 13:38	2°♒54'50	
evening set	-6187 Feb 24 j 22:05	4°♒49'37	
conjunction	-6187 Mar 13 j 02:18	5°♒25'30	-2°21'42
minimum elong	-6187 Mar 13 j 02:18	5°♒25'30	2°22'03
max. Earth dist.	-6187 Mar 13 j 13:36	5°♒26'34	30.85242 AU
morning rise	-6187 Mar 29 j 07:54	6°♒01'32	
retrograde	-6187 Jun 27 j 21:36	7°♒59'01	
opposition	-6187 Sep 14 j 08:22	6°♒34'15	-2°31'55
min. Earth dist.	-6187 Sep 13 j 23:24	6°♒34'54	28.85697 AU
direct	-6187 Dec 01 j 01:16	5°♒09'51	
evening set	-6186 Feb 27 j 12:34	7°♒04'46	
conjunction	-6186 Mar 15 j 17:00	7°♒40'40	-2°22'21
minimum elong	-6186 Mar 15 j 17:00	7°♒40'40	2°22'40
max. Earth dist.	-6186 Mar 16 j 02:51	7°♒41'35	30.85778 AU
morning rise	-6186 Mar 31 j 22:44	8°♒16'41	
retrograde	-6186 Jun 30 j 12:26	10°♒14'05	
opposition	-6186 Sep 16 j 18:52	8°♒49'24	-2°32'29
min. Earth dist.	-6186 Sep 16 j 10:06	8°♒50'02	28.86217 AU
direct	-6186 Dec 03 j 13:43	7°♒24'59	
evening set	-6185 Mar 02 j 03:16	9°♒20'01	
conjunction	-6185 Mar 18 j 07:53	9°♒55'56	-2°22'47
minimum elong	-6185 Mar 18 j 07:53	9°♒55'56	2°23'07
max. Earth dist.	-6185 Mar 18 j 16:26	9°♒56'44	30.86260 AU
morning rise	-6185 Apr 03 j 13:39	10°♒31'58	
retrograde	-6185 Jul 03 j 00:11	12°♒29'14	
opposition	-6185 Sep 19 j 05:42	11°♒04'39	-2°32'50
min. Earth dist.	-6185 Sep 18 j 23:04	11°♒05'07	28.86666 AU
direct	-6185 Dec 06 j 00:00	9°♒40'11	
evening set	-6184 Mar 03 j 17:49	11°♒35'19	
conjunction	-6184 Mar 19 j 22:42	12°♒11'14	-2°22'59
minimum elong	-6184 Mar 19 j 22:42	12°♒11'14	2°23'18
max. Earth dist.	-6184 Mar 20 j 06:18	12°♒11'57	30.86665 AU
morning rise	-6184 Apr 05 j 04:26	12°♒47'16	
retrograde	-6184 Jul 04 j 12:06	14°♒44'24	
opposition	-6184 Sep 20 j 16:17	13°♒19'53	-2°32'56
min. Earth dist.	-6184 Sep 20 j 09:51	13°♒20'21	28.87016 AU
direct	-6184 Dec 07 j 13:15	11°♒55'22	
evening set	-6183 Mar 06 j 08:29	13°♒50'35	
conjunction	-6183 Mar 22 j 13:26	14°♒26'31	-2°22'59
minimum elong	-6183 Mar 22 j 13:26	14°♒26'31	2°23'18
max. Earth dist.	-6183 Mar 22 j 18:57	14°♒27'02	30.86971 AU
	-6183 Apr 06 j 15:30	15°♒	
morning rise	-6183 Apr 07 j 19:19	15°♒02'32	
retrograde	-6183 Jul 07 j 00:00	16°♒59'32	
opposition	-6183 Sep 23 j 02:57	15°♒35'03	-2°32'49
min. Earth dist.	-6183 Sep 22 j 22:18	15°♒35'23	28.87291 AU
	-6183 Oct 14 j 06:11	15°℞♒	

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

direct	-6183 Dec 09 j 23:18	14°♒10'27	
	-6182 Feb 03 j 11:15	15°♒	
evening set	-6182 Mar 08 j 22:54	16°♒05'44	
conjunction	-6182 Mar 25 j 04:14	16°♒41'40	-2°22'46
minimum elong	-6182 Mar 25 j 04:15	16°♒41'40	2°23'04
max. Earth dist.	-6182 Mar 25 j 09:29	16°♒42'09	30.87217 AU
morning rise	-6182 Apr 10 j 10:04	17°♒17'40	
retrograde	-6182 Jul 09 j 11:11	19°♒14'30	
opposition	-6182 Sep 25 j 13:28	17°♒50'04	-2°32'28
min. Earth dist.	-6182 Sep 25 j 09:25	17°♒50'21	28.87504 AU
direct	-6182 Dec 12 j 11:37	16°♒25'22	
evening set	-6181 Mar 11 j 13:33	18°♒20'42	
conjunction	-6181 Mar 27 j 18:55	18°♒56'38	-2°22'20
minimum elong	-6181 Mar 27 j 18:55	18°♒56'38	2°22'38
max. Earth dist.	-6181 Mar 27 j 21:55	18°♒56'55	30.87427 AU
morning rise	-6181 Apr 13 j 00:55	19°♒32'38	
retrograde	-6181 Jul 11 j 22:53	21°♒29'18	
opposition	-6181 Sep 27 j 23:52	20°♒04'52	-2°31'53
min. Earth dist.	-6181 Sep 27 j 20:57	20°♒05'05	28.87724 AU
direct	-6181 Dec 14 j 23:12	18°♒40'05	
evening set	-6180 Mar 13 j 03:56	20°♒35'29	
conjunction	-6180 Mar 29 j 09:38	21°♒11'25	-2°21'41
minimum elong	-6180 Mar 29 j 09:38	21°♒11'25	2°21'57
max. Earth dist.	-6180 Mar 29 j 12:49	21°♒11'43	30.87662 AU
morning rise	-6180 Apr 14 j 15:28	21°♒47'24	
retrograde	-6180 Jul 13 j 09:45	23°♒43'53	
opposition	-6180 Sep 29 j 10:19	22°♒19'29	-2°31'05
min. Earth dist.	-6180 Sep 29 j 08:26	22°♒19'37	28.87986 AU
direct	-6180 Dec 16 j 12:37	20°♒54'36	
evening set	-6179 Mar 15 j 18:12	22°♒50'03	
conjunction	-6179 Mar 31 j 23:55	23°♒25'59	-2°20'50
minimum elong	-6179 Mar 31 j 23:56	23°♒25'59	2°21'06
max. Earth dist.	-6179 Apr 01 j 01:15	23°♒26'07	30.87977 AU
morning rise	-6179 Apr 17 j 05:57	24°♒01'57	
retrograde	-6179 Jul 15 j 22:42	25°♒58'17	
opposition	-6179 Oct 01 j 20:39	24°♒33'54	-2°30'03
min. Earth dist.	-6179 Oct 01 j 18:52	24°♒34'02	28.88356 AU
direct	-6179 Dec 19 j 00:43	23°♒08'56	
evening set	-6178 Mar 18 j 08:31	25°♒04'27	
conjunction	-6178 Apr 03 j 14:30	25°♒40'23	-2°19'45
minimum elong	-6178 Apr 03 j 14:30	25°♒40'23	2°20'00
max. Earth dist.	-6178 Apr 03 j 15:48	25°♒40'31	30.88403 AU
morning rise	-6178 Apr 19 j 20:23	26°♒16'21	
retrograde	-6178 Jul 18 j 10:13	28°♒12'30	
opposition	-6178 Oct 04 j 06:57	26°♒48'10	-2°28'47
min. Earth dist.	-6178 Oct 04 j 06:39	26°♒48'11	28.88848 AU
direct	-6178 Dec 21 j 13:12	25°♒23'08	
evening set	-6177 Mar 20 j 22:54	27°♒18'43	
conjunction	-6177 Apr 06 j 04:59	27°♒54'40	-2°18'28
minimum elong	-6177 Apr 06 j 05:00	27°♒54'40	2°18'43
max. Earth dist.	-6177 Apr 06 j 04:56	27°♒54'40	30.88979 AU
morning rise	-6177 Apr 22 j 10:57	28°♒30'36	
	-6177 Jun 10 j 20:21	0°♓	
retrograde	-6177 Jul 20 j 23:59	0°♓26'36	
	-6177 Aug 30 j 12:28	30°℞♒	
opposition	-6177 Oct 06 j 17:14	29°♒02'20	-2°27'18
min. Earth dist.	-6177 Oct 06 j 16:39	29°♒02'22	28.89490 AU
direct	-6177 Dec 24 j 02:37	27°♒37'16	
evening set	-6176 Mar 22 j 13:08	29°♒32'56	
	-6176 Apr 03 j 19:48	0°♓	
conjunction	-6176 Apr 07 j 19:20	0°♓08'52	-2°16'59
minimum elong	-6176 Apr 07 j 19:20	0°♓08'53	2°17'12
max. Earth dist.	-6176 Apr 07 j 18:43	0°♓08'49	30.89688 AU
morning rise	-6176 Apr 24 j 01:12	0°♓44'48	
retrograde	-6176 Jul 22 j 11:03	2°♓40'39	
opposition	-6176 Oct 08 j 03:37	1°♓16'28	-2°25'35
min. Earth dist.	-6176 Oct 08 j 04:43	1°♓16'24	28.90266 AU
	-6176 Dec 02 j 20:01	30°℞♒	
direct	-6176 Dec 25 j 13:41	29°♒51'24	
	-6175 Jan 17 j 03:51	0°♓	
evening set	-6175 Mar 25 j 03:22	1°♓47'08	
conjunction	-6175 Apr 10 j 09:45	2°♓23'05	-2°15'16
minimum elong	-6175 Apr 10 j 09:46	2°♓23'05	2°15'30
max. Earth dist.	-6175 Apr 10 j 08:32	2°♓22'58	30.90533 AU
morning rise	-6175 Apr 26 j 15:35	2°♓59'01	
retrograde	-6175 Jul 24 j 23:28	4°♓54'43	
opposition	-6175 Oct 10 j 13:46	3°♓30'39	-2°23'39
min. Earth dist.	-6175 Oct 10 j 14:49	3°♓30'34	28.91142 AU
direct	-6175 Dec 28 j 02:26	2°♓05'34	
evening set	-6174 Mar 27 j 17:44	4°♓01'23	
conjunction	-6174 Apr 13 j 00:09	4°♓37'21	-2°13'22
minimum elong	-6174 Apr 13 j 00:10	4°♓37'21	2°13'33
max. Earth dist.	-6174 Apr 12 j 21:18	4°♓37'05	30.91438 AU
morning rise	-6174 Apr 29 j 06:02	5°♓13'16	
retrograde	-6174 Jul 27 j 11:38	7°♓08'51	
opposition	-6174 Oct 13 j 00:08	5°♓44'53	-2°21'29
min. Earth dist.	-6174 Oct 13 j 02:49	5°♓44'41	28.92058 AU
direct	-6174 Dec 30 j 12:28	4°♓19'48	
evening set	-6173 Mar 30 j 08:05	6°♓15'43	
conjunction	-6173 Apr 15 j 14:43	6°♓51'41	-2°11'15
minimum elong	-6173 Apr 15 j 14:44	6°♓51'41	2°11'26
max. Earth dist.	-6173 Apr 15 j 11:31	6°♓51'23	30.92347 AU
morning rise	-6173 May 01 j 20:24	7°♓27'36	
retrograde	-6173 Jul 29 j 22:27	9°♓23'02	
opposition	-6173 Oct 15 j 10:26	7°♓59'11	-2°19'07
min. Earth dist.	-6173 Oct 15 j 13:50	7°♓58'56	28.92932 AU
direct	-6172 Jan 02 j 00:39	6°♓34'05	
evening set	-6172 Mar 31 j 22:35	8°♓30'05	
conjunction	-6172 Apr 17 j 05:08	9°♓06'03	-2°08'56
minimum elong	-6172 Apr 17 j 05:09	9°♓06'03	2°09'06
max. Earth dist.	-6172 Apr 16 j 23:36	9°♓05'32	30.93194 AU
morning rise	-6172 May 03 j 10:52	9°♓41'57	
retrograde	-6172 Jul 31 j 09:56	11°♓37'15	
opposition	-6172 Oct 16 j 20:51	10°♓13'29	-2°16'33
min. Earth dist.	-6172 Oct 17 j 01:24	10°♓13'10	28.93744 AU
direct	-6171 Jan 03 j 11:44	8°♓48'22	
evening set	-6171 Apr 03 j 12:43	10°♓44'25	
conjunction	-6171 Apr 19 j 19:31	11°♓20'24	-2°06'26
minimum elong	-6171 Apr 19 j 19:32	11°♓20'24	2°06'36
max. Earth dist.	-6171 Apr 19 j 13:53	11°♓19'52	30.93960 AU
morning rise	-6171 May 06 j 01:01	11°♓56'17	
retrograde	-6171 Aug 02 j 20:14	13°♓51'26	
opposition	-6171 Oct 19 j 07:17	12°♓27'44	-2°13'46
min. Earth dist.	-6171 Oct 19 j 13:15	12°♓27'19	28.94451 AU
direct	-6170 Jan 06 j 00:33	11°♓02'35	
evening set	-6170 Apr 06 j 03:09	12°♓58'42	
conjunction	-6170 Apr 22 j 09:53	13°♓34'40	-2°03'44
minimum elong	-6170 Apr 22 j 09:53	13°♓34'40	2°03'53
max. Earth dist.	-6170 Apr 22 j 01:50	13°♓33'55	30.94638 AU
morning rise	-6170 May 08 j 15:28	14°♓10'32	
retrograde	-6170 Aug 05 j 08:42	16°♓05'31	

Attention, astronomical year style is used: The year -6170 in astronomical counting style is the year 6171 BCE in historical counting style.

opposition	-6170 Oct 21 j 17:28	14°♓41'53	-2°10'47
min. Earth dist.	-6170 Oct 21 j 23:54	14°♓41'25	28.95088 AU
direct	-6169 Jan 08 j 12:23	13°♓16'40	
evening set	-6169 Apr 08 j 17:24	15°♓12'50	
conjunction	-6169 Apr 25 j 00:18	15°♓48'48	-2°00'52
minimum elong	-6169 Apr 25 j 00:19	15°♓48'48	2°01'01
max. Earth dist.	-6169 Apr 24 j 15:58	15°♓48'01	30.95248 AU
morning rise	-6169 May 11 j 05:37	16°♓24'39	
retrograde	-6169 Aug 07 j 19:30	18°♓19'28	
opposition	-6169 Oct 24 j 03:52	16°♓55'52	-2°07'38
min. Earth dist.	-6169 Oct 24 j 12:05	16°♓55'17	28.95676 AU
direct	-6168 Jan 11 j 01:27	15°♓30'37	
evening set	-6168 Apr 10 j 07:28	17°♓26'48	
conjunction	-6168 Apr 26 j 14:17	18°♓02'46	-1°57'49
minimum elong	-6168 Apr 26 j 14:18	18°♓02'46	1°57'56
max. Earth dist.	-6168 Apr 26 j 04:19	18°♓01'50	30.95845 AU
morning rise	-6168 May 12 j 19:36	18°♓38'36	
retrograde	-6168 Aug 09 j 08:19	20°♓33'15	
opposition	-6168 Oct 25 j 14:02	19°♓09'41	-2°04'17
min. Earth dist.	-6168 Oct 25 j 22:08	19°♓09'06	28.96274 AU
direct	-6167 Jan 12 j 15:31	17°♓44'22	
evening set	-6167 Apr 12 j 21:28	19°♓40'36	
conjunction	-6167 Apr 29 j 04:20	20°♓16'33	-1°54'36
minimum elong	-6167 Apr 29 j 04:21	20°♓16'33	1°54'43
max. Earth dist.	-6167 Apr 28 j 17:50	20°♓15'34	30.96464 AU
morning rise	-6167 May 15 j 09:25	20°♓52'22	
retrograde	-6167 Aug 11 j 18:47	22°♓46'50	
opposition	-6167 Oct 28 j 00:12	21°♓23'19	-2°00'45
min. Earth dist.	-6167 Oct 28 j 10:05	21°♓22'37	28.96929 AU
direct	-6166 Jan 15 j 03:18	19°♓57'57	
evening set	-6166 Apr 15 j 11:22	21°♓54'13	
conjunction	-6166 May 01 j 18:17	22°♓30'09	-1°51'13
minimum elong	-6166 May 01 j 18:17	22°♓30'09	1°51'18
max. Earth dist.	-6166 May 01 j 07:07	22°♓29'07	30.97173 AU
morning rise	-6166 May 17 j 23:15	23°♓05'57	
retrograde	-6166 Aug 14 j 06:48	25°♓00'15	
opposition	-6166 Oct 30 j 10:21	23°♓36'48	-1°57'02
min. Earth dist.	-6166 Oct 30 j 19:58	23°♓36'07	28.97676 AU
direct	-6165 Jan 17 j 16:48	22°♓11'23	
evening set	-6165 Apr 18 j 01:17	24°♓07'41	
conjunction	-6165 May 04 j 08:04	24°♓43'38	-1°47'40
minimum elong	-6165 May 04 j 08:04	24°♓43'38	1°47'44
max. Earth dist.	-6165 May 03 j 19:44	24°♓42'29	30.97982 AU
morning rise	-6165 May 20 j 12:52	25°♓19'24	
retrograde	-6165 Aug 16 j 18:38	27°♓13'33	
opposition	-6165 Nov 01 j 20:35	25°♓50'10	-1°53'09
min. Earth dist.	-6165 Nov 02 j 07:21	25°♓49'24	28.98557 AU
direct	-6164 Jan 20 j 03:32	24°♓24'44	
evening set	-6164 Apr 19 j 14:59	26°♓21'04	
conjunction	-6164 May 05 j 21:50	26°♓57'00	-1°43'57
minimum elong	-6164 May 05 j 21:51	26°♓57'00	1°44'01
max. Earth dist.	-6164 May 05 j 09:38	26°♓55'52	30.98941 AU
morning rise	-6164 May 22 j 02:22	27°♓32'46	
retrograde	-6164 Aug 18 j 04:20	29°♓26'46	
opposition	-6164 Nov 03 j 06:47	28°♓03'28	-1°49'06
min. Earth dist.	-6164 Nov 03 j 17:42	28°♓02'42	28.99568 AU
direct	-6163 Jan 21 j 16:02	26°♓38'03	
evening set	-6163 Apr 22 j 04:40	28°♓34'25	
conjunction	-6163 May 08 j 11:20	29°♓10'21	-1°40'05
minimum elong	-6163 May 08 j 11:21	29°♓10'21	1°40'08
max. Earth dist.	-6163 May 07 j 21:31	29°♓09'04	31.00026 AU
morning rise	-6163 May 24 j 15:49	29°♓46'06	
	-6163 May 31 j 03:41	0°♈	
retrograde	-6163 Aug 20 j 15:02	1°♈39'58	
opposition	-6163 Nov 05 j 17:00	0°♈16'47	-1°44'53
min. Earth dist.	-6163 Nov 06 j 04:35	0°♈15'57	29.00703 AU
	-6163 Nov 15 j 15:43	30°℞♓	
direct	-6162 Jan 24 j 02:41	28°♓51'22	
	-6162 Apr 01 j 06:35	0°♈	
evening set	-6162 Apr 24 j 18:22	0°♈47'48	
max. Earth dist.	-6162 May 10 j 11:40	1°♈22'29	31.01200 AU
conjunction	-6162 May 11 j 01:07	1°♈23'44	-1°36'04
minimum elong	-6162 May 11 j 01:07	1°♈23'44	1°36'05
morning rise	-6162 May 27 j 05:13	1°♈59'27	
retrograde	-6162 Aug 23 j 00:40	3°♈53'12	
opposition	-6162 Nov 08 j 03:13	2°♈30'07	-1°40'30
min. Earth dist.	-6162 Nov 08 j 15:59	2°♈29'13	29.01882 AU
direct	-6161 Jan 26 j 14:13	1°♈04'44	
evening set	-6161 Apr 27 j 08:16	3°♈01'13	
conjunction	-6161 May 13 j 14:43	3°♈37'08	-1°31'54
minimum elong	-6161 May 13 j 14:43	3°♈37'08	1°31'55
max. Earth dist.	-6161 May 12 j 23:18	3°♈35'42	31.02396 AU
morning rise	-6161 May 29 j 18:44	4°♈12'51	
retrograde	-6161 Aug 25 j 12:40	6°♈06'29	
opposition	-6161 Nov 10 j 13:33	4°♈43'30	-1°35'59
min. Earth dist.	-6161 Nov 11 j 02:30	4°♈42'35	29.03063 AU
direct	-6160 Jan 29 j 01:07	3°♈18'08	
evening set	-6160 Apr 28 j 21:50	5°♈14'40	
conjunction	-6160 May 15 j 04:16	5°♈50'34	-1°27'36
minimum elong	-6160 May 15 j 04:17	5°♈50'35	1°27'35
max. Earth dist.	-6160 May 14 j 12:50	5°♈49'09	31.03543 AU
morning rise	-6160 May 31 j 07:51	6°♈26'16	
retrograde	-6160 Aug 26 j 22:25	8°♈19'47	
opposition	-6160 Nov 12 j 00:03	6°♈56'53	-1°31'19
min. Earth dist.	-6160 Nov 12 j 14:46	6°♈55'51	29.04166 AU
direct	-6159 Jan 30 j 13:59	5°♈31'32	
evening set	-6159 May 01 j 11:35	7°♈28'06	
conjunction	-6159 May 17 j 17:45	8°♈03'59	-1°23'10
minimum elong	-6159 May 17 j 17:46	8°♈03'59	1°23'09
max. Earth dist.	-6159 May 17 j 00:29	8°♈02'23	31.04606 AU
morning rise	-6159 Jun 02 j 21:13	8°♈39'39	
retrograde	-6159 Aug 29 j 10:33	10°♈33'01	
opposition	-6159 Nov 14 j 10:17	9°♈10'12	-1°26'31
min. Earth dist.	-6159 Nov 15 j 01:03	9°♈09'10	29.05164 AU
direct	-6158 Feb 02 j 03:34	7°♈44'50	
evening set	-6158 May 04 j 01:16	9°♈41'25	
conjunction	-6158 May 20 j 07:20	10°♈17'18	-1°18'37
minimum elong	-6158 May 20 j 07:21	10°♈17'18	1°18'35
max. Earth dist.	-6158 May 19 j 13:19	10°♈15'38	31.05542 AU
morning rise	-6158 Jun 05 j 10:24	10°♈52'56	
retrograde	-6158 Aug 31 j 21:01	12°♈46'10	
opposition	-6158 Nov 16 j 20:51	11°♈23'24	-1°21'35
min. Earth dist.	-6158 Nov 17 j 13:34	11°♈22'14	29.06042 AU
direct	-6157 Feb 04 j 15:32	9°♈58'01	
evening set	-6157 May 06 j 14:48	11°♈54'36	
conjunction	-6157 May 22 j 20:39	12°♈30'27	-1°13'58
minimum elong	-6157 May 22 j 20:40	12°♈30'27	1°13'55
max. Earth dist.	-6157 May 22 j 01:41	12°♈28'42	31.06375 AU
morning rise	-6157 Jun 07 j 23:26	13°♈06'04	
retrograde	-6157 Sep 03 j 08:46	14°♈59'09	
opposition	-6157 Nov 19 j 07:12	13°♈36'25	-1°16'33

Attention, astronomical year style is used: The year -6157 in astronomical counting style is the year 6158 BCE in historical counting style.

min. Earth dist.	-6157 Nov 19 j 23:55	13°♈35'15	29.06814 AU
direct	-6156 Feb 07 j 05:52	12°♈11'00	
evening set	-6156 May 08 j 04:15	14°♈07'35	
conjunction	-6156 May 24 j 09:50	14°♈43'25	-1°09'12
minimum elong	-6156 May 24 j 09:50	14°♈43'25	1°09'08
max. Earth dist.	-6156 May 23 j 13:37	14°♈41'32	31.07115 AU
morning rise	-6156 Jun 09 j 12:18	15°♈18'59	
retrograde	-6156 Sep 04 j 20:09	17°♈11'56	
opposition	-6156 Nov 20 j 17:37	15°♈49'14	-1°11'25
min. Earth dist.	-6156 Nov 21 j 11:40	15°♈47'57	29.07535 AU
direct	-6155 Feb 08 j 17:47	14°♈23'46	
evening set	-6155 May 10 j 17:23	16°♈20'20	
conjunction	-6155 May 26 j 22:51	16°♈56'09	-1°04'21
minimum elong	-6155 May 26 j 22:51	16°♈56'09	1°04'16
max. Earth dist.	-6155 May 26 j 02:37	16°♈54'16	31.07826 AU
morning rise	-6155 Jun 12 j 00:56	17°♈31'41	
retrograde	-6155 Sep 07 j 05:27	19°♈24'28	
opposition	-6155 Nov 23 j 04:00	18°♈01'49	-1°06'10
min. Earth dist.	-6155 Nov 23 j 22:22	18°♈00'31	29.08225 AU
direct	-6154 Feb 11 j 07:25	16°♈36'18	
evening set	-6154 May 13 j 06:39	18°♈32'52	
conjunction	-6154 May 29 j 11:42	19°♈08'39	-0°59'24
minimum elong	-6154 May 29 j 11:42	19°♈08'39	0°59'18
max. Earth dist.	-6154 May 28 j 13:54	19°♈06'38	31.08530 AU
morning rise	-6154 Jun 14 j 13:31	19°♈44'10	
retrograde	-6154 Sep 09 j 15:46	21°♈36'49	
opposition	-6154 Nov 25 j 14:19	20°♈14'11	-1°00'51
min. Earth dist.	-6154 Nov 26 j 09:10	20°♈12'51	29.08956 AU
direct	-6153 Feb 13 j 18:34	18°♈48'39	
evening set	-6153 May 15 j 19:40	20°♈45'12	
max. Earth dist.	-6153 May 31 j 03:30	21°♈19'01	31.09295 AU
conjunction	-6153 Jun 01 j 00:33	21°♈20'58	-0°54'22
minimum elong	-6153 Jun 01 j 00:33	21°♈20'58	0°54'16
morning rise	-6153 Jun 17 j 01:49	21°♈56'27	
retrograde	-6153 Sep 12 j 00:39	23°♈48'59	
opposition	-6153 Nov 28 j 00:51	22°♈26'24	-0°55'26
min. Earth dist.	-6153 Nov 28 j 20:26	22°♈25'01	29.09756 AU
direct	-6152 Feb 16 j 06:24	21°♈00'51	
evening set	-6152 May 17 j 08:32	22°♈57'24	
conjunction	-6152 Jun 02 j 12:56	23°♈33'09	-0°49'16
minimum elong	-6152 Jun 02 j 12:56	23°♈33'09	0°49'09
max. Earth dist.	-6152 Jun 01 j 14:33	23°♈31'04	31.10157 AU
morning rise	-6152 Jun 18 j 13:57	24°♈08'36	
retrograde	-6152 Sep 13 j 11:33	26°♈01'02	
opposition	-6152 Nov 29 j 11:14	24°♈38'30	-0°49'56
min. Earth dist.	-6152 Nov 30 j 06:19	24°♈37'10	29.10675 AU
direct	-6151 Feb 17 j 17:16	23°♈12'58	
evening set	-6151 May 19 j 21:20	25°♈09'33	
max. Earth dist.	-6151 Jun 04 j 03:49	25°♈43'15	31.11130 AU
conjunction	-6151 Jun 05 j 01:33	25°♈45'16	-0°44'06
minimum elong	-6151 Jun 05 j 01:33	25°♈45'16	0°43'58
morning rise	-6151 Jun 21 j 01:59	26°♈20'42	
retrograde	-6151 Sep 15 j 20:26	28°♈13'02	
opposition	-6151 Dec 01 j 21:38	26°♈50'36	-0°44'22
min. Earth dist.	-6151 Dec 02 j 17:57	26°♈49'10	29.11694 AU
direct	-6150 Feb 20 j 05:21	25°♈25'06	
evening set	-6150 May 22 j 10:16	27°♈21'42	
conjunction	-6150 Jun 07 j 13:59	27°♈57'24	-0°38'51
minimum elong	-6150 Jun 07 j 13:59	27°♈57'24	0°38'43
max. Earth dist.	-6150 Jun 06 j 15:07	27°♈55'17	31.12203 AU
morning rise	-6150 Jun 23 j 14:07	28°♈32'48	
	-6150 Aug 10 j 22:20	0°♉	
retrograde	-6150 Sep 18 j 07:59	0°♉25'05	
	-6150 Oct 27 j 13:52	30°℞♈	
opposition	-6150 Dec 04 j 08:04	29°♈02'43	-0°38'44
min. Earth dist.	-6150 Dec 05 j 03:49	29°♈01'21	29.12787 AU
direct	-6149 Feb 22 j 17:49	27°♈37'16	
evening set	-6149 May 24 j 22:59	29°♈33'56	
	-6149 Jun 05 j 18:57	0°♉	
max. Earth dist.	-6149 Jun 09 j 03:32	0°♉07'29	31.13306 AU
conjunction	-6149 Jun 10 j 02:21	0°♉09'36	-0°33'33
minimum elong	-6149 Jun 10 j 02:21	0°♉09'36	0°33'24
morning rise	-6149 Jun 26 j 01:54	0°♉44'58	
retrograde	-6149 Sep 20 j 18:17	2°♉37'12	
opposition	-6149 Dec 06 j 18:44	1°♉14'56	-0°33'03
min. Earth dist.	-6149 Dec 07 j 15:59	1°♉13'27	29.13893 AU
	-6148 Jan 30 j 13:30	30°℞♈	
direct	-6148 Feb 25 j 04:52	29°♈49'32	
	-6148 Mar 21 j 18:20	0°♉	
evening set	-6148 May 26 j 11:44	1°♉46'14	
conjunction	-6148 Jun 11 j 14:39	2°♉21'52	-0°28'13
minimum elong	-6148 Jun 11 j 14:39	2°♉21'52	0°28'02
max. Earth dist.	-6148 Jun 10 j 15:20	2°♉19'42	31.14402 AU
morning rise	-6148 Jun 27 j 13:47	2°♉57'12	
retrograde	-6148 Sep 22 j 06:09	4°♉49'23	
opposition	-6148 Dec 08 j 05:16	3°♉27'12	-0°27'18
min. Earth dist.	-6148 Dec 09 j 02:18	3°♉25'44	29.14950 AU
direct	-6147 Feb 26 j 19:00	2°♉01'51	
evening set	-6147 May 29 j 00:26	3°♉58'34	
max. Earth dist.	-6147 Jun 13 j 02:35	4°♉31'56	31.15410 AU
conjunction	-6147 Jun 14 j 02:54	4°♉34'11	-0°22'50
minimum elong	-6147 Jun 14 j 02:54	4°♉34'11	0°22'38
morning rise	-6147 Jun 30 j 01:32	5°♉09'29	
retrograde	-6147 Sep 24 j 18:01	7°♉01'36	
opposition	-6147 Dec 10 j 16:02	5°♉39'29	-0°21'32
min. Earth dist.	-6147 Dec 11 j 14:13	5°♉37'57	29.15911 AU
direct	-6146 Mar 01 j 07:18	4°♉14'09	
evening set	-6146 May 31 j 13:05	6°♉10'54	
conjunction	-6146 Jun 16 j 15:09	6°♉46'28	-0°17'25
minimum elong	-6146 Jun 16 j 15:10	6°♉46'28	0°17'12
max. Earth dist.	-6146 Jun 15 j 14:49	6°♉44'13	31.16308 AU
morning rise	-6146 Jul 02 j 13:12	7°♉21'44	
retrograde	-6146 Sep 27 j 03:15	9°♉13'47	
opposition	-6146 Dec 13 j 02:47	7°♉51'43	-0°15'44
min. Earth dist.	-6146 Dec 14 j 01:21	7°♉50'09	29.16734 AU
direct	-6145 Mar 03 j 21:01	6°♉26'24	
evening set	-6145 Jun 03 j 01:48	8°♉23'08	
max. Earth dist.	-6145 Jun 18 j 01:19	8°♉56'16	31.17073 AU
conjunction	-6145 Jun 19 j 03:14	8°♉58'41	-0°11'59
minimum elong	-6145 Jun 19 j 03:14	8°♉58'41	0°11'46
behind sun begin	-6145 Jun 18 j 22:41	8°♉58'16	
behind sun end	-6145 Jun 19 j 07:47	8°♉59'05	
morning rise	-6145 Jul 05 j 00:50	9°♉33'54	
retrograde	-6145 Sep 29 j 14:08	11°♉25'52	
opposition	-6145 Dec 15 j 13:37	10°♉03'50	-0°09'55
min. Earth dist.	-6145 Dec 16 j 12:36	10°♉02'15	29.17450 AU
direct	-6144 Mar 05 j 08:45	8°♉38'31	
evening set	-6144 Jun 04 j 14:01	10°♉35'13	
conjunction	-6144 Jun 20 j 15:07	11°♉10'44	-0°06'34
minimum elong	-6144 Jun 20 j 15:07	11°♉10'44	0°06'20
behind sun begin	-6144 Jun 20 j 08:58	11°♉10'11	

Attention, astronomical year style is used: The year -6144 in astronomical counting style is the year 6145 BCE in historical counting style.

behind sun end	-6144 Jun	20 j 21:17	11°♉11'16	
max. Earth dist.	-6144 Jun	19 j 13:52	11°♉08'23	31.17731 AU
morning rise	-6144 Jul	06 j 12:03	11°♉45'54	
retrograde	-6144 Sep	30 j 22:57	13°♉37'48	
opposition	-6144 Dec	17 j 00:28	12°♉15'47	-0°04'05
min. Earth dist.	-6144 Dec	18 j 00:25	12°♉14'07	29.18053 AU
direct	-6143 Mar	07 j 21:24	10°♉50'26	
evening set	-6143 Jun	07 j 02:25	12°♉47'06	
max. Earth dist.	-6143 Jun	22 j 00:09	13°♉20'05	31.18304 AU
conjunction	-6143 Jun	23 j 02:52	13°♉22'34	-0°01'05
minimum elong	-6143 Jun	23 j 02:51	13°♉22'34	0°00'51
behind sun begin	-6143 Jun	22 j 20:20	13°♉21'59	
behind sun end	-6143 Jun	23 j 09:22	13°♉23'09	
morning rise	-6143 Jul	08 j 23:24	13°♉57'42	
	-6143 Aug	09 j 13:04	15°♉	
asc. node	-6143 Sep	02 j 10:40	15°♉33'06	
retrograde	-6143 Oct	03 j 09:00	15°♉49'30	
	-6143 Nov	29 j 08:54	15°℞♉	
opposition	-6143 Dec	19 j 11:02	14°♉27'29	0°01'44
min. Earth dist.	-6143 Dec	20 j 10:36	14°♉25'51	29.18604 AU
direct	-6142 Mar	10 j 09:07	13°♉02'07	
evening set	-6142 Jun	09 j 14:32	14°♉58'44	
	-6142 Jun	10 j 04:25	15°♉	
conjunction	-6142 Jun	25 j 14:34	15°♉34'10	0°04'28
minimum elong	-6142 Jun	25 j 14:34	15°♉34'10	0°04'43
behind sun begin	-6142 Jun	25 j 08:12	15°♉33'36	
behind sun end	-6142 Jun	25 j 20:57	15°♉34'44	
max. Earth dist.	-6142 Jun	24 j 12:37	15°♉31'45	31.18835 AU
morning rise	-6142 Jul	11 j 10:23	16°♉09'16	
retrograde	-6142 Oct	05 j 16:41	18°♉00'59	
opposition	-6142 Dec	21 j 21:56	16°♉38'58	0°07'33
min. Earth dist.	-6142 Dec	22 j 22:37	16°♉37'15	29.19137 AU
direct	-6141 Mar	12 j 21:02	15°♉13'34	
evening set	-6141 Jun	12 j 02:30	17°♉10'09	
max. Earth dist.	-6141 Jun	26 j 23:09	17°♉43'03	31.19388 AU
conjunction	-6141 Jun	28 j 01:49	17°♉45'32	0°09'52
minimum elong	-6141 Jun	28 j 01:49	17°♉45'31	0°10'08
behind sun begin	-6141 Jun	27 j 20:37	17°♉45'04	
behind sun end	-6141 Jun	28 j 07:01	17°♉45'59	
morning rise	-6141 Jul	13 j 21:11	18°♉20'34	
retrograde	-6141 Oct	08 j 03:02	20°♉12'14	
opposition	-6141 Dec	24 j 08:45	18°♉50'12	0°13'20
min. Earth dist.	-6141 Dec	25 j 08:23	18°♉48'34	29.19719 AU
direct	-6140 Mar	14 j 08:51	17°♉24'47	
evening set	-6140 Jun	13 j 14:20	19°♉21'20	
max. Earth dist.	-6140 Jun	28 j 11:00	19°♉54'14	31.20004 AU
conjunction	-6140 Jun	29 j 13:08	19°♉56'40	0°15'16
minimum elong	-6140 Jun	29 j 13:08	19°♉56'40	0°15'32
behind sun begin	-6140 Jun	29 j 11:34	19°♉56'32	
behind sun end	-6140 Jun	29 j 14:42	19°♉56'48	
morning rise	-6140 Jul	15 j 07:47	20°♉31'40	
retrograde	-6140 Oct	09 j 12:26	22°♉23'17	
opposition	-6140 Dec	25 j 19:35	21°♉01'16	0°19'06
min. Earth dist.	-6140 Dec	26 j 20:07	20°♉59'34	29.20398 AU
direct	-6139 Mar	16 j 19:40	19°♉35'51	
evening set	-6139 Jun	16 j 02:04	21°♉32'22	
max. Earth dist.	-6139 Jun	30 j 22:20	22°♉05'15	31.20741 AU
conjunction	-6139 Jul	02 j 00:16	22°♉07'40	0°20'39
minimum elong	-6139 Jul	02 j 00:16	22°♉07'40	0°20'56
morning rise	-6139 Jul	17 j 18:24	22°♉42'37	
retrograde	-6139 Oct	11 j 23:12	24°♉34'12	
opposition	-6139 Dec	28 j 06:26	23°♉12'13	0°24'51
min. Earth dist.	-6139 Dec	29 j 06:00	23°♉10'35	29.21178 AU
direct	-6138 Mar	19 j 09:38	21°♉46'49	
evening set	-6138 Jun	18 j 13:49	23°♉43'21	
max. Earth dist.	-6138 Jul	03 j 09:15	24°♉16'10	31.21569 AU
conjunction	-6138 Jul	04 j 11:21	24°♉18'36	0°26'00
minimum elong	-6138 Jul	04 j 11:21	24°♉18'36	0°26'17
morning rise	-6138 Jul	20 j 04:50	24°♉53'31	
retrograde	-6138 Oct	14 j 10:30	26°♉45'06	
opposition	-6138 Dec	30 j 17:25	25°♉23'09	0°30'33
min. Earth dist.	-6138 Dec	31 j 17:21	25°♉21'30	29.22061 AU
direct	-6137 Mar	21 j 21:09	23°♉57'48	
evening set	-6137 Jun	21 j 01:26	25°♉54'21	
conjunction	-6137 Jul	06 j 22:25	26°♉29'33	0°31'19
minimum elong	-6137 Jul	06 j 22:24	26°♉29'33	0°31'37
max. Earth dist.	-6137 Jul	05 j 21:09	26°♉27'12	31.22485 AU
morning rise	-6137 Jul	22 j 15:13	27°♉04'25	
retrograde	-6137 Oct	16 j 19:59	28°♉56'00	
opposition	-6136 Jan	02 j 04:30	27°♉34'07	0°36'13
min. Earth dist.	-6136 Jan	03 j 04:12	27°♉32'29	29.22988 AU
direct	-6136 Mar	23 j 10:15	26°♉08'52	
evening set	-6136 Jun	22 j 12:58	28°♉05'24	
max. Earth dist.	-6136 Jul	07 j 07:03	28°♉38'08	31.23414 AU
conjunction	-6136 Jul	08 j 09:11	28°♉40'34	0°36'35
minimum elong	-6136 Jul	08 j 09:11	28°♉40'34	0°36'54
morning rise	-6136 Jul	24 j 01:29	29°♉15'24	
	-6136 Aug	14 j 17:35	0°♊	
retrograde	-6136 Oct	18 j 07:22	1°♊07'00	
	-6136 Dec	25 j 14:57	30°℞♉	
opposition	-6135 Jan	03 j 15:35	29°♉45'11	0°41'50
min. Earth dist.	-6135 Jan	04 j 15:14	29°♉43'33	29.23915 AU
direct	-6135 Mar	25 j 21:54	28°♉19'59	
	-6135 Jun	17 j 07:22	0°♊	
evening set	-6135 Jun	25 j 00:30	0°♊16'32	
conjunction	-6135 Jul	10 j 20:12	0°♊51'39	0°41'49
minimum elong	-6135 Jul	10 j 20:12	0°♊51'39	0°42'08
max. Earth dist.	-6135 Jul	09 j 19:05	0°♊49'19	31.24302 AU
morning rise	-6135 Jul	26 j 11:42	1°♊26'26	
retrograde	-6135 Oct	20 j 16:35	3°♊18'04	
opposition	-6134 Jan	06 j 02:45	1°♊56'18	0°47'23
min. Earth dist.	-6134 Jan	07 j 03:10	1°♊54'37	29.24760 AU
direct	-6134 Mar	28 j 10:38	0°♊31'10	
evening set	-6134 Jun	27 j 12:11	2°♊27'44	
max. Earth dist.	-6134 Jul	12 j 04:46	3°♊00'21	31.25097 AU
conjunction	-6134 Jul	13 j 07:02	3°♊02'48	0°46'58
minimum elong	-6134 Jul	13 j 07:01	3°♊02'48	0°47'18
morning rise	-6134 Jul	28 j 22:02	3°♊37'33	
retrograde	-6134 Oct	23 j 03:15	5°♊29'11	
opposition	-6133 Jan	08 j 14:03	4°♊07'28	0°52'51
min. Earth dist.	-6133 Jan	09 j 13:47	4°♊05'51	29.25506 AU
direct	-6133 Mar	30 j 22:17	2°♊42'23	
evening set	-6133 Jun	29 j 23:31	4°♊38'56	
conjunction	-6133 Jul	15 j 17:49	5°♊13'58	0°52'04
minimum elong	-6133 Jul	15 j 17:49	5°♊13'58	0°52'24
max. Earth dist.	-6133 Jul	14 j 16:23	5°♊11'36	31.25767 AU
morning rise	-6133 Jul	31 j 07:59	5°♊48'40	
retrograde	-6133 Oct	25 j 11:27	7°♊40'20	
opposition	-6132 Jan	11 j 01:33	6°♊18'39	0°58'15
min. Earth dist.	-6132 Jan	12 j 02:20	6°♊16'57	29.26119 AU
direct	-6132 Apr	01 j 09:50	4°♊53'35	
evening set	-6132 Jul	01 j 10:58	6°♊50'07	
max. Earth dist.	-6132 Jul	16 j 02:15	7°♊22'39	31.26320 AU

Attention, astronomical year style is used: The year -6132 in astronomical counting style is the year 6133 BCE in historical counting style.

conjunction	-6132 Jul 17 j 04:28	7°♊25'06	0°57'04	
minimum elong	-6132 Jul 17 j 04:28	7°♊25'06	0°57'24	
morning rise	-6132 Aug 01 j 18:09	7°♊59'45		
retrograde	-6132 Oct 26 j 21:53	9°♊51'26		
opposition	-6131 Jan 12 j 12:44	8°♊29'45	1°03'34	
min. Earth dist.	-6131 Jan 13 j 12:39	8°♊28'07	29.26613 AU	
direct	-6131 Apr 03 j 21:05	7°♊04'43		
evening set	-6131 Jul 03 j 22:13	9°♊01'13		
conjunction	-6131 Jul 19 j 15:08	9°♊36'09	1°02'00	
minimum elong	-6131 Jul 19 j 15:08	9°♊36'09	1°02'21	
max. Earth dist.	-6131 Jul 18 j 13:11	9°♊33'44	31.26750 AU	
morning rise	-6131 Aug 04 j 04:05	10°♊10'46		
retrograde	-6131 Oct 29 j 07:29	12°♊02'27		
opposition	-6130 Jan 15 j 00:14	10°♊40'46	1°08'47	
min. Earth dist.	-6130 Jan 16 j 01:09	10°♊39'04	29.27007 AU	
direct	-6130 Apr 06 j 07:59	9°♊15'44		
evening set	-6130 Jul 06 j 09:21	11°♊12'12		
max. Earth dist.	-6130 Jul 20 j 23:53	11°♊44'41	31.27106 AU	
conjunction	-6130 Jul 22 j 01:32	11°♊47'05	1°06'50	
minimum elong	-6130 Jul 22 j 01:31	11°♊47'05	1°07'11	
morning rise	-6130 Aug 06 j 13:51	12°♊21'39		
retrograde	-6130 Oct 31 j 18:00	14°♊13'21		
opposition	-6129 Jan 17 j 11:40	12°♊51'38	1°13'54	
min. Earth dist.	-6129 Jan 18 j 11:38	12°♊50'00	29.27335 AU	
direct	-6129 Apr 08 j 21:47	11°♊26'37		
evening set	-6129 Jul 08 j 20:21	13°♊23'02		
max. Earth dist.	-6129 Jul 23 j 10:04	13°♊55'27	31.27421 AU	
conjunction	-6129 Jul 24 j 11:48	13°♊57'52	1°11'34	
minimum elong	-6129 Jul 24 j 11:47	13°♊57'52	1°11'56	
morning rise	-6129 Aug 08 j 23:30	14°♊32'23		
retrograde	-6129 Nov 03 j 05:21	16°♊24'06		
opposition	-6128 Jan 19 j 23:11	15°♊02'22	1°18'54	
min. Earth dist.	-6128 Jan 20 j 23:15	15°♊00'43	29.27676 AU	
direct	-6128 Apr 10 j 08:52	13°♊37'21		
evening set	-6128 Jul 10 j 07:01	15°♊33'43		
conjunction	-6128 Jul 25 j 21:53	16°♊08'30	1°16'12	
minimum elong	-6128 Jul 25 j 21:53	16°♊08'30	1°16'34	
max. Earth dist.	-6128 Jul 24 j 21:26	16°♊06'12	31.27774 AU	
morning rise	-6128 Aug 10 j 08:54	16°♊42'58		
retrograde	-6128 Nov 04 j 14:26	18°♊34'43		
opposition	-6127 Jan 21 j 10:42	17°♊12'58	1°23'47	
min. Earth dist.	-6127 Jan 22 j 10:08	17°♊11'22	29.28056 AU	
direct	-6127 Apr 12 j 22:00	15°♊47'58		
evening set	-6127 Jul 12 j 17:51	17°♊44'18		
max. Earth dist.	-6127 Jul 27 j 06:57	18°♊16'42	31.28190 AU	
conjunction	-6127 Jul 28 j 07:51	18°♊19'02	1°20'43	
minimum elong	-6127 Jul 28 j 07:50	18°♊19'02	1°21'05	
morning rise	-6127 Aug 12 j 18:20	18°♊53'27		
retrograde	-6127 Nov 07 j 02:03	20°♊45'14		
opposition	-6126 Jan 23 j 22:07	19°♊23'29	1°28'33	
min. Earth dist.	-6126 Jan 24 j 20:48	19°♊21'56	29.28531 AU	
direct	-6126 Apr 15 j 10:17	17°♊58'32		
evening set	-6126 Jul 15 j 04:28	19°♊54'51		
conjunction	-6126 Jul 30 j 17:56	20°♊29'32	1°25'07	
minimum elong	-6126 Jul 30 j 17:55	20°♊29'31	1°25'29	
max. Earth dist.	-6126 Jul 29 j 18:46	20°♊27'21	31.28705 AU	
morning rise	-6126 Aug 15 j 03:37	21°♊03'54		
retrograde	-6126 Nov 09 j 11:36	22°♊55'45		
opposition	-6125 Jan 26 j 09:53	21°♊34'00	1°33'12	
min. Earth dist.	-6125 Jan 27 j 08:34	21°♊32'28	29.29089 AU	
direct	-6125 Apr 17 j 23:28	20°♊09'07		
evening set	-6125 Jul 17 j 15:01	22°♊05'25		
max. Earth dist.	-6125 Aug 01 j 04:08	22°♊37'50	31.29303 AU	
conjunction	-6125 Aug 02 j 03:37	22°♊40'02	1°29'24	
minimum elong	-6125 Aug 02 j 03:37	22°♊40'02	1°29'47	
morning rise	-6125 Aug 17 j 12:52	23°♊14'23		
retrograde	-6125 Nov 11 j 22:06	25°♊06'18		
opposition	-6124 Jan 28 j 21:32	23°♊44'35	1°37'42	
min. Earth dist.	-6124 Jan 29 j 18:49	23°♊43'08	29.29718 AU	
direct	-6124 Apr 19 j 10:54	22°♊19'46		
evening set	-6124 Jul 19 j 01:28	24°♊16'03		
conjunction	-6124 Aug 03 j 13:33	24°♊50'38	1°33'33	
minimum elong	-6124 Aug 03 j 13:33	24°♊50'38	1°33'56	
max. Earth dist.	-6124 Aug 02 j 15:27	24°♊48'34	31.29930 AU	
morning rise	-6124 Aug 18 j 22:03	25°♊24'56		
retrograde	-6124 Nov 13 j 06:28	27°♊16'56		
opposition	-6123 Jan 30 j 09:16	25°♊55'15	1°42'04	
min. Earth dist.	-6123 Jan 31 j 07:12	25°♊53'45	29.30348 AU	
direct	-6123 Apr 21 j 22:26	24°♊30'31		
evening set	-6123 Jul 21 j 12:04	26°♊26'46		
conjunction	-6123 Aug 05 j 23:22	27°♊01'19	1°37'34	
minimum elong	-6123 Aug 05 j 23:21	27°♊01'19	1°37'58	
max. Earth dist.	-6123 Aug 05 j 01:02	26°♊59'13	31.30540 AU	
morning rise	-6123 Aug 21 j 07:23	27°♊35'35		
retrograde	-6123 Nov 15 j 17:15	29°♊27'39		
opposition	-6122 Feb 01 j 21:07	28°♊06'00	1°46'18	
min. Earth dist.	-6122 Feb 02 j 17:44	28°♊04'36	29.30924 AU	
direct	-6122 Apr 24 j 09:51	26°♊41'20		
evening set	-6122 Jul 23 j 22:31	28°♊37'34		
max. Earth dist.	-6122 Aug 07 j 11:24	29°♊10'01	31.31054 AU	
conjunction	-6122 Aug 08 j 09:09	29°♊12'04	1°41'27	
minimum elong	-6122 Aug 08 j 09:09	29°♊12'04	1°41'50	
morning rise	-6122 Aug 23 j 16:29	29°♊46'17		
	-6122 Aug 30 j 00:20	0°♋		
retrograde	-6122 Nov 18 j 03:01	1°♋38'28		
opposition	-6121 Feb 04 j 09:17	0°♋16'49	1°50'22	
min. Earth dist.	-6121 Feb 05 j 06:36	0°♋15'22	29.31397 AU	
	-6121 Feb 14 j 18:38	30°℞♊		
direct	-6121 Apr 26 j 20:33	28°♊52'13		
	-6121 Jul 02 j 19:34	0°♋		
evening set	-6121 Jul 26 j 09:01	0°♋48'24		
conjunction	-6121 Aug 10 j 18:59	1°♋22'51	1°45'11	
minimum elong	-6121 Aug 10 j 18:59	1°♋22'51	1°45'35	
max. Earth dist.	-6121 Aug 09 j 21:45	1°♋20'51	31.31460 AU	
morning rise	-6121 Aug 26 j 01:45	1°♋57'02		
retrograde	-6121 Nov 20 j 13:25	3°♋49'18		
opposition	-6120 Feb 06 j 21:19	2°♋27'38	1°54'17	
min. Earth dist.	-6120 Feb 07 j 17:39	2°♋26'16	29.31731 AU	
direct	-6120 Apr 28 j 09:07	1°♋03'05		
evening set	-6120 Jul 27 j 19:24	2°♋59'14		
max. Earth dist.	-6120 Aug 11 j 07:09	3°♋31'37	31.31708 AU	
conjunction	-6120 Aug 12 j 04:41	3°♋33'38	1°48'46	
minimum elong	-6120 Aug 12 j 04:41	3°♋33'38	1°49'09	
morning rise	-6120 Aug 27 j 10:58	4°♋07'47		
retrograde	-6120 Nov 22 j 00:59	6°♋00'07		
opposition	-6119 Feb 08 j 09:29	4°♋38'26	1°58'01	
min. Earth dist.	-6119 Feb 09 j 06:00	4°♋37'03	29.31917 AU	
direct	-6119 Apr 30 j 19:21	3°♋13'54		
evening set	-6119 Jul 30 j 05:42	5°♋10'00		
conjunction	-6119 Aug 14 j 14:27	5°♋44'22	1°52'12	
minimum elong	-6119 Aug 14 j 14:26	5°♋44'21	1°52'35	

Attention, astronomical year style is used: The year -6119 in astronomical counting style is the year 6120 BCE in historical counting style.

max. Earth dist.	-6119 Aug 13 j 18:00	5°♓42'26	31.31810 AU
morning rise	-6119 Aug 29 j 20:04	6°♓18'28	
retrograde	-6119 Nov 24 j 10:38	8°♓10'53	
opposition	-6118 Feb 10 j 21:37	6°♓49'09	2°01'36
min. Earth dist.	-6118 Feb 11 j 17:42	6°♓47'47	29.31942 AU
direct	-6118 May 03 j 08:45	5°♓24'39	
evening set	-6118 Aug 01 j 16:01	7°♓20'40	
conjunction	-6118 Aug 16 j 23:59	7°♓54'59	1°55'28
minimum elong	-6118 Aug 16 j 23:59	7°♓54'59	1°55'51
max. Earth dist.	-6118 Aug 16 j 02:57	7°♓53'00	31.31776 AU
morning rise	-6118 Sep 01 j 05:14	8°♓29'03	
retrograde	-6118 Nov 26 j 22:50	10°♓21'32	
opposition	-6117 Feb 13 j 09:51	8°♓59'45	2°05'00
min. Earth dist.	-6117 Feb 14 j 05:14	8°♓58'26	29.31870 AU
direct	-6117 May 05 j 20:51	7°♓35'15	
evening set	-6117 Aug 04 j 01:52	9°♓31'12	
conjunction	-6117 Aug 19 j 09:26	10°♓05'28	1°58'34
minimum elong	-6117 Aug 19 j 09:25	10°♓05'28	1°58'57
max. Earth dist.	-6117 Aug 18 j 14:07	10°♓03'39	31.31656 AU
morning rise	-6117 Sep 03 j 14:02	10°♓39'31	
retrograde	-6117 Nov 29 j 08:28	12°♓32'03	
opposition	-6116 Feb 15 j 22:10	11°♓10'12	2°08'14
min. Earth dist.	-6116 Feb 16 j 17:35	11°♓08'54	29.31728 AU
direct	-6116 May 07 j 10:12	9°♓45'43	
evening set	-6116 Aug 05 j 11:53	11°♓41'36	
conjunction	-6116 Aug 20 j 18:42	12°♓15'50	2°01'30
minimum elong	-6116 Aug 20 j 18:42	12°♓15'50	2°01'52
max. Earth dist.	-6116 Aug 19 j 23:13	12°♓14'00	31.31507 AU
morning rise	-6116 Sep 04 j 23:00	12°♓49'50	
retrograde	-6116 Nov 30 j 19:07	14°♓42'27	
opposition	-6115 Feb 17 j 10:10	13°♓20'33	2°11'16
min. Earth dist.	-6115 Feb 18 j 03:59	13°♓19'21	29.31595 AU
direct	-6115 May 09 j 22:00	11°♓56'04	
evening set	-6115 Aug 07 j 21:41	13°♓51'54	
max. Earth dist.	-6115 Aug 22 j 10:09	14°♓24'24	31.31381 AU
conjunction	-6115 Aug 23 j 04:03	14°♓26'05	2°04'15
minimum elong	-6115 Aug 23 j 04:03	14°♓26'05	2°04'38
morning rise	-6115 Sep 07 j 07:44	15°♓00'04	
retrograde	-6115 Dec 03 j 03:48	16°♓52'46	
opposition	-6114 Feb 19 j 22:34	15°♓30'49	2°14'08
min. Earth dist.	-6114 Feb 20 j 16:25	15°♓29'37	29.31510 AU
direct	-6114 May 12 j 10:13	14°♓06'23	
evening set	-6114 Aug 10 j 07:24	16°♓02'09	
conjunction	-6114 Aug 25 j 13:07	16°♓36'18	2°06'50
minimum elong	-6114 Aug 25 j 13:07	16°♓36'18	2°07'12
max. Earth dist.	-6114 Aug 24 j 19:46	16°♓34'40	31.31339 AU
morning rise	-6114 Sep 09 j 16:28	17°♓10'15	
retrograde	-6114 Dec 05 j 14:27	19°♓03'04	
opposition	-6113 Feb 22 j 10:52	17°♓41'06	2°16'47
min. Earth dist.	-6113 Feb 23 j 02:39	17°♓40'02	29.31510 AU
direct	-6113 May 14 j 21:57	16°♓16'43	
evening set	-6113 Aug 12 j 17:05	18°♓12'26	
conjunction	-6113 Aug 27 j 22:19	18°♓46'34	2°09'14
minimum elong	-6113 Aug 27 j 22:19	18°♓46'33	2°09'37
max. Earth dist.	-6113 Aug 27 j 05:59	18°♓45'01	31.31374 AU
morning rise	-6113 Sep 12 j 01:13	19°♓20'30	
retrograde	-6113 Dec 08 j 00:23	21°♓13'26	
opposition	-6112 Feb 24 j 23:14	19°♓51'27	2°19'15
min. Earth dist.	-6112 Feb 25 j 15:06	19°♓50'23	29.31594 AU
direct	-6112 May 16 j 08:10	18°♓27'10	
evening set	-6112 Aug 14 j 02:38	20°♓22'50	

conjunction	-6112 Aug 29 j 07:25	20°♓56'56	2°11'26
minimum elong	-6112 Aug 29 j 07:25	20°♓56'56	2°11'49
max. Earth dist.	-6112 Aug 28 j 16:22	20°♓55'30	31.31482 AU
morning rise	-6112 Sep 13 j 09:57	21°♓30'50	
retrograde	-6112 Dec 09 j 10:45	23°♓23'55	
opposition	-6111 Feb 26 j 11:35	22°♓01'57	2°21'31
min. Earth dist.	-6111 Feb 27 j 01:54	22°♓00'59	29.31704 AU
direct	-6111 May 18 j 19:46	20°♓37'44	
evening set	-6111 Aug 16 j 12:16	22°♓33'23	
conjunction	-6111 Aug 31 j 16:29	23°♓07'27	2°13'28
minimum elong	-6111 Aug 31 j 16:28	23°♓07'27	2°13'51
max. Earth dist.	-6111 Aug 31 j 01:34	23°♓06'02	31.31586 AU
morning rise	-6111 Sep 15 j 18:43	23°♓41'20	
retrograde	-6111 Dec 11 j 22:45	25°♓34'35	
opposition	-6110 Mar 01 j 00:06	24°♓12'35	2°23'35
min. Earth dist.	-6110 Mar 01 j 14:06	24°♓11'39	29.31807 AU
direct	-6110 May 21 j 04:38	22°♓48'28	
evening set	-6110 Aug 18 j 21:48	24°♓44'05	
conjunction	-6110 Sep 03 j 01:40	25°♓18'07	2°15'18
minimum elong	-6110 Sep 03 j 01:40	25°♓18'07	2°15'40
max. Earth dist.	-6110 Sep 02 j 12:24	25°♓16'52	31.31658 AU
morning rise	-6110 Sep 18 j 03:27	25°♓52'00	
retrograde	-6110 Dec 14 j 09:11	27°♓45'23	
opposition	-6109 Mar 03 j 12:46	26°♓23'23	2°25'26
min. Earth dist.	-6109 Mar 04 j 01:59	26°♓22'29	29.31837 AU
direct	-6109 May 23 j 17:21	24°♓59'21	
evening set	-6109 Aug 21 j 07:22	26°♓54'54	
conjunction	-6109 Sep 05 j 10:40	27°♓28'54	2°16'56
minimum elong	-6109 Sep 05 j 10:39	27°♓28'54	2°17'18
max. Earth dist.	-6109 Sep 04 j 21:00	27°♓27'37	31.31639 AU
morning rise	-6109 Sep 20 j 12:19	28°♓02'47	
retrograde	-6109 Dec 16 j 22:36	29°♓56'18	
opposition	-6108 Mar 05 j 01:27	28°♓34'16	2°27'05
min. Earth dist.	-6108 Mar 05 j 13:49	28°♓33'26	29.31768 AU
direct	-6108 May 25 j 04:34	27°♓10'18	
evening set	-6108 Aug 22 j 16:53	29°♓05'48	
conjunction	-6108 Sep 06 j 19:57	29°♓39'47	2°18'23
minimum elong	-6108 Sep 06 j 19:57	29°♓39'47	2°18'43
max. Earth dist.	-6108 Sep 06 j 07:53	29°♓38'39	31.31491 AU
	-6108 Sep 15 j 18:19	0°♌	
morning rise	-6108 Sep 21 j 21:09	0°♌13'38	
retrograde	-6108 Dec 18 j 09:05	2°♌07'17	
opposition	-6107 Mar 07 j 14:07	0°♌45'13	2°28'31
min. Earth dist.	-6107 Mar 08 j 02:36	0°♌44'23	29.31547 AU
	-6107 Apr 06 j 02:50	30°℞♓	
direct	-6107 May 27 j 17:01	29°♓21'17	
	-6107 Jul 16 j 02:10	0°♌	
evening set	-6107 Aug 25 j 02:32	1°♌16'44	
conjunction	-6107 Sep 09 j 05:04	1°♌50'41	2°19'38
minimum elong	-6107 Sep 09 j 05:04	1°♌50'41	2°19'59
max. Earth dist.	-6107 Sep 08 j 16:43	1°♌49'31	31.31202 AU
morning rise	-6107 Sep 24 j 06:11	2°♌24'32	
retrograde	-6107 Dec 20 j 20:44	4°♌18'17	
opposition	-6106 Mar 10 j 02:53	2°♌56'09	2°29'45
min. Earth dist.	-6106 Mar 10 j 13:52	2°♌55'25	29.31187 AU
direct	-6106 May 30 j 04:58	1°♌32'15	
evening set	-6106 Aug 27 j 11:51	3°♌27'36	
conjunction	-6106 Sep 11 j 14:10	4°♌01'32	2°20'41
minimum elong	-6106 Sep 11 j 14:10	4°♌01'32	2°21'01
max. Earth dist.	-6106 Sep 11 j 03:05	4°♌00'30	31.30765 AU
morning rise	-6106 Sep 26 j 14:58	4°♌35'22	

Attention, astronomical year style is used: The year -6106 in astronomical counting style is the year 6107 BCE in historical counting style.

retrograde	-6106 Dec 23 j 06:32	6°♌29'14	
opposition	-6105 Mar 12 j 15:51	5°♌07'00	2°30'46
min. Earth dist.	-6105 Mar 13 j 03:06	5°♌06'15	29.30693 AU
direct	-6105 Jun 01 j 18:11	3°♌43'07	
evening set	-6105 Aug 29 j 21:14	5°♌38'21	
conjunction	-6105 Sep 13 j 23:12	6°♌12'17	2°21'32
minimum elong	-6105 Sep 13 j 23:12	6°♌12'17	2°21'52
max. Earth dist.	-6105 Sep 13 j 12:34	6°♌11'16	31.30229 AU
morning rise	-6105 Sep 28 j 23:55	6°♌46'06	
retrograde	-6105 Dec 25 j 17:42	8°♌40'02	
opposition	-6104 Mar 14 j 04:29	7°♌17'44	2°31'34
min. Earth dist.	-6104 Mar 14 j 13:54	7°♌17'06	29.30117 AU
direct	-6104 Jun 03 j 06:55	5°♌53'50	
evening set	-6104 Aug 31 j 06:25	7°♌48'58	
conjunction	-6104 Sep 15 j 08:08	8°♌22'52	2°22'11
minimum elong	-6104 Sep 15 j 08:08	8°♌22'52	2°22'30
max. Earth dist.	-6104 Sep 14 j 22:18	8°♌21'56	31.29626 AU
morning rise	-6104 Sep 30 j 08:44	8°♌56'41	
retrograde	-6104 Dec 27 j 03:05	10°♌50'43	
opposition	-6103 Mar 16 j 17:20	9°♌28'18	2°32'10
min. Earth dist.	-6103 Mar 17 j 02:48	9°♌27'40	29.29518 AU
direct	-6103 Jun 05 j 17:50	8°♌04'25	
evening set	-6103 Sep 02 j 15:28	9°♌59'25	
conjunction	-6103 Sep 17 j 16:58	10°♌33'18	2°22'37
minimum elong	-6103 Sep 17 j 16:58	10°♌33'18	2°22'57
max. Earth dist.	-6103 Sep 17 j 08:46	10°♌32'31	31.29039 AU
morning rise	-6103 Oct 02 j 17:22	11°♌07'07	
retrograde	-6103 Dec 29 j 12:33	13°♌01'15	
opposition	-6102 Mar 19 j 06:05	11°♌38'44	2°32'32
min. Earth dist.	-6102 Mar 19 j 13:38	11°♌38'14	29.28951 AU
direct	-6102 Jun 08 j 06:02	10°♌14'52	
evening set	-6102 Sep 05 j 00:37	12°♌09'46	
conjunction	-6102 Sep 20 j 01:46	12°♌43'38	2°22'52
minimum elong	-6102 Sep 20 j 01:46	12°♌43'38	2°23'10
max. Earth dist.	-6102 Sep 19 j 17:58	12°♌42'54	31.28515 AU
morning rise	-6102 Oct 05 j 02:11	13°♌17'27	
	-6102 Dec 05 j 12:37	15°♌	
retrograde	-6101 Jan 01 j 00:17	15°♌11'42	
	-6101 Jan 28 j 04:11	15°℞♌	
opposition	-6101 Mar 21 j 18:58	13°♌49'07	2°32'41
min. Earth dist.	-6101 Mar 22 j 01:40	13°♌48'39	29.28489 AU
direct	-6101 Jun 10 j 15:11	12°♌25'16	
evening set	-6101 Sep 07 j 09:28	14°♌20'04	
conjunction	-6101 Sep 22 j 10:37	14°♌53'56	2°22'54
minimum elong	-6101 Sep 22 j 10:37	14°♌53'56	2°23'12
max. Earth dist.	-6101 Sep 22 j 04:58	14°♌53'24	31.28101 AU
	-6101 Sep 25 j 02:40	15°♌	
morning rise	-6101 Oct 07 j 10:52	15°♌27'45	
retrograde	-6100 Jan 03 j 10:36	17°♌22'09	
opposition	-6100 Mar 23 j 07:47	15°♌59'30	2°32'37
min. Earth dist.	-6100 Mar 23 j 13:08	15°♌59'08	29.28114 AU
	-6100 May 03 j 03:52	15°℞♌	
direct	-6100 Jun 12 j 03:33	14°♌35'43	
	-6100 Jul 20 j 18:39	15°♌	
evening set	-6100 Sep 08 j 18:33	16°♌30'27	
conjunction	-6100 Sep 23 j 19:23	17°♌04'18	2°22'44
minimum elong	-6100 Sep 23 j 19:23	17°♌04'18	2°23'01
max. Earth dist.	-6100 Sep 23 j 13:48	17°♌03'46	31.27778 AU
morning rise	-6100 Oct 08 j 19:47	17°♌38'07	
retrograde	-6099 Jan 04 j 23:53	19°♌32'39	
opposition	-6099 Mar 25 j 20:29	18°♌09'58	2°32'20
min. Earth dist.	-6099 Mar 26 j 00:28	18°♌09'42	29.27830 AU
direct	-6099 Jun 14 j 13:19	16°♌46'16	
evening set	-6099 Sep 11 j 03:28	18°♌40'57	
conjunction	-6099 Sep 26 j 04:20	19°♌14'48	2°22'22
minimum elong	-6099 Sep 26 j 04:20	19°♌14'48	2°22'39
max. Earth dist.	-6099 Sep 26 j 00:52	19°♌14'28	31.27516 AU
morning rise	-6099 Oct 11 j 04:36	19°♌48'38	
retrograde	-6098 Jan 07 j 10:52	21°♌43'19	
opposition	-6098 Mar 28 j 09:32	20°♌20'37	2°31'50
min. Earth dist.	-6098 Mar 28 j 13:06	20°♌20'22	29.27576 AU
direct	-6098 Jun 17 j 00:40	18°♌57'00	
evening set	-6098 Sep 13 j 12:26	20°♌51'37	
conjunction	-6098 Sep 28 j 13:05	21°♌25'28	2°21'47
minimum elong	-6098 Sep 28 j 13:05	21°♌25'28	2°22'03
max. Earth dist.	-6098 Sep 28 j 09:55	21°♌25'10	31.27276 AU
morning rise	-6098 Oct 13 j 13:32	21°♌59'19	
retrograde	-6097 Jan 09 j 23:42	23°♌54'10	
opposition	-6097 Mar 30 j 22:32	22°♌31'26	2°31'06
min. Earth dist.	-6097 Mar 31 j 00:16	22°♌31'19	29.27322 AU
direct	-6097 Jun 19 j 11:54	21°♌07'54	
evening set	-6097 Sep 15 j 21:28	23°♌02'28	
conjunction	-6097 Sep 30 j 22:08	23°♌36'20	2°21'00
minimum elong	-6097 Sep 30 j 22:08	23°♌36'20	2°21'16
max. Earth dist.	-6097 Sep 30 j 20:18	23°♌36'09	31.26990 AU
morning rise	-6097 Oct 15 j 22:35	24°♌10'12	
retrograde	-6096 Jan 12 j 10:59	26°♌05'12	
opposition	-6096 Apr 01 j 11:33	24°♌42'26	2°30'09
min. Earth dist.	-6096 Apr 01 j 13:31	24°♌42'18	29.27004 AU
direct	-6096 Jun 21 j 00:08	23°♌19'00	
evening set	-6096 Sep 17 j 06:35	25°♌13'30	
conjunction	-6096 Oct 02 j 07:13	25°♌47'22	2°20'01
minimum elong	-6096 Oct 02 j 07:13	25°♌47'22	2°20'15
max. Earth dist.	-6096 Oct 02 j 05:58	25°♌47'15	31.26630 AU
morning rise	-6096 Oct 17 j 07:48	26°♌21'15	
retrograde	-6095 Jan 13 j 23:22	28°♌16'25	
opposition	-6095 Apr 04 j 00:34	26°♌53'37	2°28'59
min. Earth dist.	-6095 Apr 04 j 00:43	26°♌53'36	29.26577 AU
direct	-6095 Jun 23 j 12:30	25°♌30'15	
evening set	-6095 Sep 19 j 15:40	27°♌24'40	
conjunction	-6095 Oct 04 j 16:14	27°♌58'33	2°18'50
minimum elong	-6095 Oct 04 j 16:14	27°♌58'33	2°19'04
max. Earth dist.	-6095 Oct 04 j 15:25	27°♌58'28	31.26134 AU
morning rise	-6095 Oct 19 j 16:59	28°♌32'28	
	-6095 Dec 06 j 03:17	0°♍	
retrograde	-6094 Jan 16 j 09:48	0°♍27'46	
	-6094 Feb 28 j 06:28	30°℞♌	
opposition	-6094 Apr 06 j 13:51	29°♌04'55	2°27'37
min. Earth dist.	-6094 Apr 06 j 14:16	29°♌04'53	29.26018 AU
direct	-6094 Jun 25 j 23:17	27°♌41'36	
evening set	-6094 Sep 22 j 00:46	29°♌35'56	
	-6094 Oct 02 j 17:51	0°♍	
conjunction	-6094 Oct 07 j 01:29	0°♍09'49	2°17'26
minimum elong	-6094 Oct 07 j 01:29	0°♍09'50	2°17'40
max. Earth dist.	-6094 Oct 07 j 02:01	0°♍09'53	31.25514 AU
morning rise	-6094 Oct 22 j 02:19	0°♍43'45	
retrograde	-6093 Jan 18 j 20:02	2°♍39'11	
opposition	-6093 Apr 09 j 02:58	1°♍16'16	2°26'01
min. Earth dist.	-6093 Apr 09 j 01:54	1°♍16'21	29.25318 AU
	-6093 Jun 07 j 12:04	30°℞♌	
direct	-6093 Jun 28 j 11:35	29°♌52'59	
	-6093 Jul 18 j 22:32	0°♍	

Attention, astronomical year style is used: The year -6093 in astronomical counting style is the year 6094 BCE in historical counting style.

evening set	-6093 Sep 24 j 09:50	1°♑47'13		
conjunction	-6093 Oct 09 j 10:31	2°♑21'07	2°15'51	
minimum elong	-6093 Oct 09 j 10:31	2°♑21'07	2°16'05	
max. Earth dist.	-6093 Oct 09 j 10:54	2°♑21'09	31.24758 AU	
morning rise	-6093 Oct 24 j 11:45	2°♑55'05		
retrograde	-6092 Jan 21 j 08:15	4°♑50'38		
opposition	-6092 Apr 10 j 16:09	3°♑27'37	2°24'14	
min. Earth dist.	-6092 Apr 10 j 14:46	3°♑27'43	29.24511 AU	
direct	-6092 Jun 29 j 21:03	2°♑04'21		
evening set	-6092 Sep 25 j 18:45	3°♑58'28		
conjunction	-6092 Oct 10 j 19:41	4°♑32'22	2°14'05	
minimum elong	-6092 Oct 10 j 19:42	4°♑32'22	2°14'16	
max. Earth dist.	-6092 Oct 10 j 21:54	4°♑32'35	31.23911 AU	
morning rise	-6092 Oct 25 j 21:00	5°♑06'21		
retrograde	-6091 Jan 22 j 18:28	7°♑02'01		
opposition	-6091 Apr 13 j 05:10	5°♑38'54	2°22'14	
min. Earth dist.	-6091 Apr 13 j 02:42	5°♑39'04	29.23627 AU	
direct	-6091 Jul 02 j 09:40	4°♑15'39		
evening set	-6091 Sep 28 j 03:46	6°♑09'38		
conjunction	-6091 Oct 13 j 04:40	6°♑43'34	2°12'07	
minimum elong	-6091 Oct 13 j 04:41	6°♑43'34	2°12'18	
max. Earth dist.	-6091 Oct 13 j 06:53	6°♑43'46	31.23033 AU	
morning rise	-6091 Oct 28 j 06:25	7°♑17'34		
retrograde	-6090 Jan 25 j 07:48	9°♑13'21		
opposition	-6090 Apr 15 j 18:18	7°♑50'07	2°20'02	
min. Earth dist.	-6090 Apr 15 j 14:30	7°♑50'22	29.22762 AU	
direct	-6090 Jul 04 j 19:12	6°♑26'52		
evening set	-6090 Sep 30 j 12:31	8°♑20'45		
conjunction	-6090 Oct 15 j 13:43	8°♑54'41	2°09'58	
minimum elong	-6090 Oct 15 j 13:43	8°♑54'41	2°10'07	
max. Earth dist.	-6090 Oct 15 j 18:05	8°♑55'06	31.22189 AU	
morning rise	-6090 Oct 30 j 15:37	9°♑28'43		
retrograde	-6089 Jan 27 j 18:34	11°♑24'37		
opposition	-6089 Apr 18 j 07:30	10°♑01'17	2°17'38	
min. Earth dist.	-6089 Apr 18 j 03:05	10°♑01'35	29.21949 AU	
direct	-6089 Jul 07 j 06:02	8°♑38'04		
evening set	-6089 Oct 02 j 21:30	10°♑31'51		
conjunction	-6089 Oct 17 j 22:48	11°♑05'48	2°07'37	
minimum elong	-6089 Oct 17 j 22:49	11°♑05'48	2°07'47	
max. Earth dist.	-6089 Oct 18 j 03:41	11°♑06'16	31.21433 AU	
morning rise	-6089 Nov 02 j 01:09	11°♑39'52		
retrograde	-6088 Jan 30 j 07:53	13°♑35'52		
opposition	-6088 Apr 19 j 20:22	12°♑12'28	2°15'01	
min. Earth dist.	-6088 Apr 19 j 13:56	12°♑12'54	29.21237 AU	
direct	-6088 Jul 08 j 17:13	10°♑49'17		
evening set	-6088 Oct 04 j 06:24	12°♑42'59		
conjunction	-6088 Oct 19 j 07:57	13°♑16'58	2°05'05	
minimum elong	-6088 Oct 19 j 07:58	13°♑16'58	2°05'14	
max. Earth dist.	-6088 Oct 19 j 14:17	13°♑17'34	31.20763 AU	
morning rise	-6088 Nov 03 j 10:37	13°♑51'04		
retrograde	-6087 Jan 31 j 20:13	15°♑47'12		
opposition	-6087 Apr 22 j 09:32	14°♑23'44	2°12'13	
min. Earth dist.	-6087 Apr 22 j 02:54	14°♑24'11	29.20607 AU	
direct	-6087 Jul 11 j 05:09	13°♑00'36		
evening set	-6087 Oct 06 j 15:13	14°♑54'13		
conjunction	-6087 Oct 21 j 17:02	15°♑28'13	2°02'22	
minimum elong	-6087 Oct 21 j 17:02	15°♑28'13	2°02'31	
max. Earth dist.	-6087 Oct 22 j 00:32	15°♑28'56	31.20185 AU	
morning rise	-6087 Nov 05 j 20:03	16°♑02'22		
retrograde	-6086 Feb 03 j 09:10	17°♑58'38		
opposition	-6086 Apr 24 j 22:38	16°♑35'07	2°09'13	
min. Earth dist.	-6086 Apr 24 j 13:47	16°♑35'43	29.20045 AU	
direct	-6086 Jul 13 j 17:07	15°♑12'03		
evening set	-6086 Oct 09 j 00:15	17°♑05'35		
conjunction	-6086 Oct 24 j 02:15	17°♑39'37	1°59'28	
minimum elong	-6086 Oct 24 j 02:16	17°♑39'38	1°59'35	
max. Earth dist.	-6086 Oct 24 j 10:25	17°♑40'24	31.19643 AU	
morning rise	-6086 Nov 08 j 05:46	18°♑13'49		
retrograde	-6085 Feb 05 j 20:23	20°♑10'13		
opposition	-6085 Apr 27 j 11:50	18°♑46'39	2°06'01	
min. Earth dist.	-6085 Apr 27 j 03:04	18°♑47'15	29.19513 AU	
direct	-6085 Jul 16 j 03:44	17°♑23'40		
evening set	-6085 Oct 11 j 09:13	19°♑17'07		
conjunction	-6085 Oct 26 j 11:39	19°♑51'11	1°56'24	
minimum elong	-6085 Oct 26 j 11:40	19°♑51'11	1°56'30	
max. Earth dist.	-6085 Oct 26 j 21:29	19°♑52'07	31.19112 AU	
morning rise	-6085 Nov 10 j 15:29	20°♑25'25		
retrograde	-6084 Feb 08 j 07:39	22°♑21'57		
opposition	-6084 Apr 29 j 00:56	20°♑58'21	2°02'38	
min. Earth dist.	-6084 Apr 28 j 14:37	20°♑59'03	29.18946 AU	
direct	-6084 Jul 17 j 16:23	19°♑35'26		
evening set	-6084 Oct 12 j 18:28	21°♑28'49		
conjunction	-6084 Oct 27 j 21:02	22°♑02'55	1°53'09	
minimum elong	-6084 Oct 27 j 21:03	22°♑02'55	1°53'13	
max. Earth dist.	-6084 Oct 28 j 06:39	22°♑03'50	31.18517 AU	
morning rise	-6084 Nov 12 j 01:27	22°♑37'11		
retrograde	-6083 Feb 09 j 20:32	24°♑33'51		
opposition	-6083 May 01 j 14:08	23°♑10'13	1°59'04	
min. Earth dist.	-6083 May 01 j 03:38	23°♑10'55	29.18309 AU	
direct	-6083 Jul 20 j 02:13	21°♑47'21		
evening set	-6083 Oct 15 j 03:40	23°♑40'39		
conjunction	-6083 Oct 30 j 06:44	24°♑14'47	1°49'44	
minimum elong	-6083 Oct 30 j 06:45	24°♑14'47	1°49'48	
max. Earth dist.	-6083 Oct 30 j 18:01	24°♑15'51	31.17829 AU	
morning rise	-6083 Nov 14 j 11:26	24°♑49'06		
retrograde	-6082 Feb 12 j 07:08	26°♑45'54		
opposition	-6082 May 04 j 03:24	25°♑22'11	1°55'20	
min. Earth dist.	-6082 May 03 j 16:03	25°♑22'57	29.17549 AU	
direct	-6082 Jul 22 j 14:21	23°♑59'22		
evening set	-6082 Oct 17 j 13:01	25°♑52'35		
conjunction	-6082 Nov 01 j 16:19	26°♑26'44	1°46'09	
minimum elong	-6082 Nov 01 j 16:19	26°♑26'44	1°46'12	
max. Earth dist.	-6082 Nov 02 j 03:10	26°♑27'46	31.17014 AU	
morning rise	-6082 Nov 16 j 21:41	27°♑01'06		
retrograde	-6081 Feb 14 j 20:29	28°♑58'01		
opposition	-6081 May 06 j 16:42	27°♑34'14	1°51'25	
min. Earth dist.	-6081 May 06 j 04:34	27°♑35'03	29.16659 AU	
direct	-6081 Jul 24 j 23:56	26°♑11'25		
evening set	-6081 Oct 19 j 22:23	28°♑04'33		
conjunction	-6081 Nov 04 j 02:12	28°♑38'45	1°42'25	
minimum elong	-6081 Nov 04 j 02:13	28°♑38'45	1°42'28	
max. Earth dist.	-6081 Nov 04 j 14:27	28°♑39'54	31.16051 AU	
morning rise	-6081 Nov 19 j 07:58	29°♑13'09		
	-6081 Dec 11 j 18:50	0°♎		
retrograde	-6080 Feb 17 j 07:35	1°♎10'10		
	-6080 Apr 29 j 18:24	30°℞♑		
opposition	-6080 May 08 j 05:47	29°♑46'18	1°47'21	
min. Earth dist.	-6080 May 07 j 17:42	29°♑47'07	29.15621 AU	
direct	-6080 Jul 26 j 10:49	28°♑23'29		
	-6080 Oct 13 j 17:53	0°♎		
evening set	-6080 Oct 21 j 07:46	0°♎16'31		

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

conjunction	-6080 Nov 05 j 11:56	0°♎50'44	1°38'32
minimum elong	-6080 Nov 05 j 11:57	0°♎50'44	1°38'34
max. Earth dist.	-6080 Nov 06 j 00:16	0°♎51'54	31.14976 AU
morning rise	-6080 Nov 20 j 18:18	1°♎25'11	
retrograde	-6079 Feb 18 j 21:22	3°♎22'18	
opposition	-6079 May 10 j 18:53	1°♎58'18	1°43'08
min. Earth dist.	-6079 May 10 j 05:20	1°♎59'14	29.14496 AU
direct	-6079 Jul 28 j 22:06	0°♎35'29	
evening set	-6079 Oct 23 j 16:59	2°♎28'25	
conjunction	-6079 Nov 07 j 21:34	3°♎02'40	1°34'31
minimum elong	-6079 Nov 07 j 21:35	3°♎02'40	1°34'32
max. Earth dist.	-6079 Nov 08 j 10:56	3°♎03'56	31.13822 AU
morning rise	-6079 Nov 23 j 04:29	3°♎37'10	
retrograde	-6078 Feb 21 j 09:55	5°♎34'22	
opposition	-6078 May 13 j 08:05	4°♎10'16	1°38'46
min. Earth dist.	-6078 May 12 j 18:39	4°♎11'10	29.13333 AU
direct	-6078 Jul 31 j 09:44	2°♎47'26	
evening set	-6078 Oct 26 j 02:17	4°♎40'16	
conjunction	-6078 Nov 10 j 07:22	5°♎14'34	1°30'22
minimum elong	-6078 Nov 10 j 07:23	5°♎14'34	1°30'22
max. Earth dist.	-6078 Nov 10 j 21:49	5°♎15'56	31.12682 AU
morning rise	-6078 Nov 25 j 14:48	5°♎49'06	
retrograde	-6077 Feb 23 j 23:01	7°♎46'23	
opposition	-6077 May 15 j 20:57	6°♎22'11	1°34'15
min. Earth dist.	-6077 May 15 j 05:31	6°♎23'13	29.12209 AU
direct	-6077 Aug 02 j 21:38	4°♎59'20	
evening set	-6077 Oct 28 j 11:42	6°♎52'05	
conjunction	-6077 Nov 12 j 17:08	7°♎26'26	1°26'04
minimum elong	-6077 Nov 12 j 17:09	7°♎26'26	1°26'04
max. Earth dist.	-6077 Nov 13 j 08:01	7°♎27'50	31.11592 AU
morning rise	-6077 Nov 28 j 01:15	8°♎01'01	
retrograde	-6076 Feb 26 j 10:55	9°♎58'24	
opposition	-6076 May 17 j 09:59	8°♎34'06	1°29'36
min. Earth dist.	-6076 May 16 j 18:36	8°♎35'09	29.11165 AU
direct	-6076 Aug 04 j 08:29	7°♎11'17	
evening set	-6076 Oct 29 j 21:00	9°♎03'57	
conjunction	-6076 Nov 14 j 03:01	9°♎38'20	1°21'40
minimum elong	-6076 Nov 14 j 03:02	9°♎38'20	1°21'37
max. Earth dist.	-6076 Nov 14 j 19:46	9°♎39'55	31.10602 AU
morning rise	-6076 Nov 29 j 11:32	10°♎12'59	
retrograde	-6075 Feb 27 j 22:56	12°♎10'27	
opposition	-6075 May 19 j 22:49	10°♎46'06	1°24'49
min. Earth dist.	-6075 May 19 j 05:38	10°♎47'16	29.10214 AU
direct	-6075 Aug 06 j 21:19	9°♎23'19	
evening set	-6075 Nov 01 j 06:31	11°♎15'55	
conjunction	-6075 Nov 16 j 12:52	11°♎50'21	1°17'07
minimum elong	-6075 Nov 16 j 12:52	11°♎50'21	1°17'05
max. Earth dist.	-6075 Nov 17 j 05:35	11°♎51'56	31.09714 AU
morning rise	-6075 Dec 01 j 22:09	12°♎25'03	
retrograde	-6074 Mar 02 j 12:10	14°♎22'39	
opposition	-6074 May 22 j 11:50	12°♎58'14	1°19'53
min. Earth dist.	-6074 May 21 j 18:15	12°♎59'26	29.09377 AU
direct	-6074 Aug 09 j 07:10	11°♎35'29	
evening set	-6074 Nov 03 j 15:55	13°♎28'03	
conjunction	-6074 Nov 18 j 22:56	14°♎02'31	1°12'28
minimum elong	-6074 Nov 18 j 22:57	14°♎02'31	1°12'24
max. Earth dist.	-6074 Nov 19 j 17:37	14°♎04'17	31.08918 AU
morning rise	-6074 Dec 04 j 08:41	14°♎37'17	
retrograde	-6073 Mar 04 j 22:42	16°♎35'00	
min. Earth dist.	-6073 May 24 j 06:08	15°♎11'49	29.08599 AU
opposition	-6073 May 25 j 00:45	15°♎10'33	1°14'51
direct	-6073 Aug 11 j 19:00	13°♎47'51	
evening set	-6073 Nov 06 j 01:40	15°♎40'23	
conjunction	-6073 Nov 21 j 09:04	16°♎14'53	1°07'41
minimum elong	-6073 Nov 21 j 09:04	16°♎14'53	1°07'37
max. Earth dist.	-6073 Nov 22 j 03:29	16°♎16'38	31.08175 AU
morning rise	-6073 Dec 06 j 19:34	16°♎49'42	
retrograde	-6072 Mar 06 j 11:53	18°♎47'32	
opposition	-6072 May 26 j 13:31	17°♎23'04	1°09'41
min. Earth dist.	-6072 May 25 j 18:08	17°♎24'23	29.07864 AU
direct	-6072 Aug 13 j 04:03	16°♎00'24	
evening set	-6072 Nov 07 j 11:26	17°♎52'54	
conjunction	-6072 Nov 22 j 19:24	18°♎27'28	1°02'49
minimum elong	-6072 Nov 22 j 19:25	18°♎27'28	1°02'43
max. Earth dist.	-6072 Nov 23 j 15:20	18°♎29'21	31.07433 AU
morning rise	-6072 Dec 08 j 06:24	19°♎02'20	
retrograde	-6071 Mar 08 j 23:34	21°♎00'17	
min. Earth dist.	-6071 May 28 j 07:07	19°♎37'07	29.07104 AU
opposition	-6071 May 29 j 02:30	19°♎35'47	1°04'25
direct	-6071 Aug 15 j 14:22	18°♎13'10	
evening set	-6071 Nov 09 j 21:16	20°♎05'38	
conjunction	-6071 Nov 25 j 05:43	20°♎40'14	0°57'50
minimum elong	-6071 Nov 25 j 05:43	20°♎40'14	0°57'44
max. Earth dist.	-6071 Nov 26 j 01:44	20°♎42'07	31.06662 AU
morning rise	-6071 Dec 10 j 17:23	21°♎15'09	
retrograde	-6070 Mar 11 j 13:36	23°♎13'13	
opposition	-6070 May 31 j 15:26	21°♎48'40	0°59'03
min. Earth dist.	-6070 May 30 j 18:53	21°♎50'05	29.06293 AU
direct	-6070 Aug 18 j 01:09	20°♎26'04	
evening set	-6070 Nov 12 j 07:24	22°♎18'30	
conjunction	-6070 Nov 27 j 16:21	22°♎53'09	0°52'46
minimum elong	-6070 Nov 27 j 16:22	22°♎53'09	0°52'39
max. Earth dist.	-6070 Nov 28 j 12:51	22°♎55'05	31.05797 AU
morning rise	-6070 Dec 13 j 04:39	23°♎28'07	
retrograde	-6069 Mar 14 j 02:31	25°♎26'17	
min. Earth dist.	-6069 Jun 02 j 08:29	24°♎03'02	29.05375 AU
opposition	-6069 Jun 03 j 04:21	24°♎01'40	0°53'36
direct	-6069 Aug 20 j 11:42	22°♎39'05	
evening set	-6069 Nov 14 j 17:33	24°♎31'28	
conjunction	-6069 Nov 30 j 03:09	25°♎06'09	0°47'38
minimum elong	-6069 Nov 30 j 03:09	25°♎06'09	0°47'31
max. Earth dist.	-6069 Dec 01 j 00:07	25°♎08'08	31.04832 AU
morning rise	-6069 Dec 15 j 16:00	25°♎41'10	
retrograde	-6068 Mar 15 j 16:10	27°♎39'24	
opposition	-6068 Jun 04 j 17:10	26°♎14'43	0°48'03
min. Earth dist.	-6068 Jun 03 j 19:56	26°♎16'10	29.04341 AU
direct	-6068 Aug 21 j 23:12	24°♎52'06	
evening set	-6068 Nov 16 j 03:47	26°♎44'26	
conjunction	-6068 Dec 01 j 13:46	27°♎19'09	0°42'25
minimum elong	-6068 Dec 01 j 13:46	27°♎19'10	0°42'16
max. Earth dist.	-6068 Dec 02 j 10:30	27°♎21'07	31.03744 AU
morning rise	-6068 Dec 17 j 03:20	27°♎54'14	
retrograde	-6067 Mar 18 j 05:17	29°♎52'31	
min. Earth dist.	-6067 Jun 06 j 09:31	28°♎29'08	29.03211 AU
opposition	-6067 Jun 07 j 06:05	28°♎27'44	0°42'27
direct	-6067 Aug 24 j 10:40	27°♎05'05	
evening set	-6067 Nov 18 j 13:56	28°♎57'20	
conjunction	-6067 Dec 04 j 00:38	29°♎32'06	0°37'09
minimum elong	-6067 Dec 04 j 00:38	29°♎32'06	0°37'00
max. Earth dist.	-6067 Dec 04 j 22:44	29°♎34'12	31.02595 AU
	-6067 Dec 16 j 08:42	0°♏	

Attention, astronomical year style is used: The year -6067 in astronomical counting style is the year 6068 BCE in historical counting style.

morning rise	-6067 Dec 19 j 14:42	0°♏07'14	
retrograde	-6066 Mar 20 j 18:45	2°♏05'33	
opposition	-6066 Jun 09 j 18:44	0°♏40'39	0°36'47
min. Earth dist.	-6066 Jun 08 j 20:58	0°♏42'09	29.02040 AU
	-6066 Jul 05 j 13:10	30°℞♎	
direct	-6066 Aug 27 j 00:06	29°♎17'57	
	-6066 Oct 16 j 02:39	0°♏	
evening set	-6066 Nov 21 j 00:16	1°♏10'09	
conjunction	-6066 Dec 06 j 11:21	1°♏44'58	0°31'50
minimum elong	-6066 Dec 06 j 11:22	1°♏44'58	0°31'38
max. Earth dist.	-6066 Dec 07 j 09:00	1°♏47'00	31.01432 AU
morning rise	-6066 Dec 22 j 02:14	2°♏20'08	
retrograde	-6065 Mar 23 j 07:38	4°♏18'29	
min. Earth dist.	-6065 Jun 11 j 09:45	2°♏54'59	29.00900 AU
opposition	-6065 Jun 12 j 07:26	2°♏53'30	0°31'04
direct	-6065 Aug 29 j 10:40	1°♏30'45	
evening set	-6065 Nov 23 j 10:35	3°♏22'53	
conjunction	-6065 Dec 08 j 22:21	3°♏57'44	0°26'28
minimum elong	-6065 Dec 08 j 22:21	3°♏57'44	0°26'16
max. Earth dist.	-6065 Dec 09 j 21:38	3°♏59'56	31.00317 AU
morning rise	-6065 Dec 24 j 13:39	4°♏32'57	
retrograde	-6064 Mar 24 j 18:29	6°♏31'20	
opposition	-6064 Jun 13 j 19:49	5°♏06'16	0°25'18
min. Earth dist.	-6064 Jun 12 j 21:17	5°♏07'49	28.99827 AU
direct	-6064 Aug 30 j 23:01	3°♏43'29	
evening set	-6064 Nov 24 j 21:04	5°♏35'35	
conjunction	-6064 Dec 10 j 09:14	6°♏10'28	0°21'03
minimum elong	-6064 Dec 10 j 09:14	6°♏10'28	0°20'51
max. Earth dist.	-6064 Dec 11 j 08:13	6°♏12'38	30.99310 AU
morning rise	-6064 Dec 26 j 01:16	6°♏45'44	
retrograde	-6063 Mar 27 j 07:51	8°♏44'11	
min. Earth dist.	-6063 Jun 15 j 08:59	7°♏20'39	28.98887 AU
opposition	-6063 Jun 16 j 08:20	7°♏19'02	0°19'29
direct	-6063 Sep 02 j 09:02	5°♏56'15	
evening set	-6063 Nov 27 j 07:24	7°♏48'19	
conjunction	-6063 Dec 12 j 20:12	8°♏23'15	0°15'37
minimum elong	-6063 Dec 12 j 20:12	8°♏23'15	0°15'25
behind sun begin	-6063 Dec 12 j 18:16	8°♏23'04	
behind sun end	-6063 Dec 12 j 22:08	8°♏23'25	
max. Earth dist.	-6063 Dec 13 j 20:43	8°♏25'33	30.98425 AU
morning rise	-6063 Dec 28 j 12:45	8°♏58'33	
retrograde	-6062 Mar 29 j 19:14	10°♏57'04	
opposition	-6062 Jun 18 j 20:51	9°♏31'53	0°13'39
min. Earth dist.	-6062 Jun 17 j 21:24	9°♏33'30	28.98065 AU
direct	-6062 Sep 04 j 19:48	8°♏09'06	
evening set	-6062 Nov 29 j 18:04	10°♏01'09	
conjunction	-6062 Dec 15 j 07:25	10°♏36'08	0°10'09
minimum elong	-6062 Dec 15 j 07:24	10°♏36'08	0°09'56
behind sun begin	-6062 Dec 15 j 02:09	10°♏35'39	
behind sun end	-6062 Dec 15 j 12:40	10°♏36'36	
max. Earth dist.	-6062 Dec 16 j 08:05	10°♏38'27	30.97678 AU
morning rise	-6062 Dec 31 j 00:36	11°♏11'29	
retrograde	-6061 Apr 01 j 08:38	13°♏10'04	
min. Earth dist.	-6061 Jun 20 j 08:30	11°♏46'34	28.97372 AU
opposition	-6061 Jun 21 j 09:08	11°♏44'52	0°07'47
direct	-6061 Sep 07 j 06:01	10°♏22'05	
evening set	-6061 Dec 02 j 04:51	12°♏14'10	
conjunction	-6061 Dec 17 j 18:41	12°♏49'11	0°04'41
minimum elong	-6061 Dec 17 j 18:41	12°♏49'11	0°04'27
behind sun begin	-6061 Dec 17 j 12:20	12°♏48'37	
behind sun end	-6061 Dec 18 j 01:02	12°♏49'46	
max. Earth dist.	-6061 Dec 18 j 19:56	12°♏51'34	30.97022 AU
morning rise	-6060 Jan 02 j 12:29	13°♏24'36	
	-6060 Feb 24 j 18:29	15°♏	
retrograde	-6060 Apr 02 j 21:02	15°♏23'16	
	-6060 May 11 j 23:19	15°℞♏	
opposition	-6060 Jun 22 j 21:36	13°♏58'03	0°01'53
min. Earth dist.	-6060 Jun 21 j 21:33	13°♏59'43	28.96758 AU
direct	-6060 Sep 08 j 15:43	12°♏35'18	
desc. node	-6060 Oct 18 j 21:53	13°♏02'53	
evening set	-6060 Dec 03 j 15:37	14°♏27'25	
	-6060 Dec 18 j 03:48	15°♏	
conjunction	-6060 Dec 19 j 06:03	15°♏02'28	-0°00'57
minimum elong	-6060 Dec 19 j 06:03	15°♏02'28	0°01'12
behind sun begin	-6060 Dec 18 j 23:35	15°♏01'53	
behind sun end	-6060 Dec 19 j 12:31	15°♏03'03	
max. Earth dist.	-6060 Dec 20 j 07:59	15°♏04'55	30.96443 AU
morning rise	-6059 Jan 04 j 00:20	15°♏37'55	
retrograde	-6059 Apr 05 j 11:07	17°♏36'41	
min. Earth dist.	-6059 Jun 24 j 08:36	16°♏13'14	28.96189 AU
opposition	-6059 Jun 25 j 09:58	16°♏11'29	-0°04'01
	-6059 Aug 16 j 05:50	15°℞♏	
direct	-6059 Sep 11 j 02:36	14°♏48'45	
	-6059 Oct 06 j 14:49	15°♏	
evening set	-6059 Dec 06 j 02:48	16°♏40'54	
conjunction	-6059 Dec 21 j 17:37	17°♏16'00	-0°06'29
minimum elong	-6059 Dec 21 j 17:37	17°♏16'00	0°06'44
behind sun begin	-6059 Dec 21 j 11:34	17°♏15'28	
behind sun end	-6059 Dec 21 j 23:40	17°♏16'33	
max. Earth dist.	-6059 Dec 22 j 19:11	17°♏18'25	30.95871 AU
morning rise	-6058 Jan 06 j 12:35	17°♏51'30	
retrograde	-6058 Apr 08 j 01:10	19°♏50'21	
opposition	-6058 Jun 27 j 22:26	18°♏25'09	-0°09'54
min. Earth dist.	-6058 Jun 26 j 22:02	18°♏26'50	28.95615 AU
direct	-6058 Sep 13 j 13:16	17°♏02'26	
evening set	-6058 Dec 08 j 14:02	18°♏54'38	
conjunction	-6058 Dec 24 j 05:34	19°♏29'47	-0°11'59
minimum elong	-6058 Dec 24 j 05:33	19°♏29'47	0°12'15
behind sun begin	-6058 Dec 24 j 01:13	19°♏29'23	
behind sun end	-6058 Dec 24 j 09:53	19°♏30'10	
max. Earth dist.	-6058 Dec 25 j 08:05	19°♏32'17	30.95272 AU
morning rise	-6057 Jan 09 j 00:55	20°♏05'19	
retrograde	-6057 Apr 10 j 15:50	22°♏04'14	
min. Earth dist.	-6057 Jun 29 j 09:41	20°♏40'46	28.94971 AU
opposition	-6057 Jun 30 j 10:46	20°♏39'02	-0°15'48
direct	-6057 Sep 16 j 02:19	19°♏16'19	
evening set	-6057 Dec 11 j 01:39	21°♏08'33	
conjunction	-6057 Dec 26 j 17:29	21°♏43'45	-0°17'28
minimum elong	-6057 Dec 26 j 17:29	21°♏43'45	0°17'44
max. Earth dist.	-6057 Dec 27 j 18:49	21°♏46'08	30.94577 AU
morning rise	-6056 Jan 11 j 13:32	22°♏19'20	
retrograde	-6056 Apr 12 j 05:30	24°♏18'18	
opposition	-6056 Jul 01 j 23:09	22°♏53'04	-0°21'40
min. Earth dist.	-6056 Jun 30 j 22:50	22°♏54'45	28.94233 AU
direct	-6056 Sep 17 j 12:44	21°♏30'21	
evening set	-6056 Dec 12 j 13:09	23°♏22'36	
conjunction	-6056 Dec 28 j 05:39	23°♏57'50	-0°22'56
minimum elong	-6056 Dec 28 j 05:39	23°♏57'50	0°23'13
max. Earth dist.	-6056 Dec 29 j 07:54	24°♏00'18	30.93782 AU
morning rise	-6055 Jan 13 j 02:04	24°♏33'27	
retrograde	-6055 Apr 14 j 18:06	26°♏32'27	
min. Earth dist.	-6055 Jul 03 j 11:00	25°♏08'53	28.93386 AU
opposition	-6055 Jul 04 j 11:29	25°♏07'11	-0°27'30

Attention, astronomical year style is used: The year -6055 in astronomical counting style is the year 6056 BCE in historical counting style.

direct	-6055 Sep 20 j 01:33	23°♏44'26		
evening set	-6055 Dec 15 j 00:45	25°♏36'41		
conjunction	-6055 Dec 30 j 17:39	26°♏11'57	-0°28'22	
minimum elong	-6055 Dec 30 j 17:39	26°♏11'57	0°28'39	
max. Earth dist.	-6055 Dec 31 j 18:50	26°♏14'20	30.92904 AU	
morning rise	-6054 Jan 15 j 14:46	26°♏47'37		
retrograde	-6054 Apr 17 j 08:40	28°♏46'37		
opposition	-6054 Jul 06 j 23:47	27°♏21'18	-0°33'17	
min. Earth dist.	-6054 Jul 05 j 23:19	27°♏23'00	28.92481 AU	
direct	-6054 Sep 22 j 12:39	25°♏58'30		
evening set	-6054 Dec 17 j 12:29	27°♏50'45		
conjunction	-6053 Jan 02 j 05:58	28°♏26'03	-0°33'45	
minimum elong	-6053 Jan 02 j 05:58	28°♏26'03	0°34'04	
max. Earth dist.	-6053 Jan 03 j 07:57	28°♏28'30	30.91973 AU	
morning rise	-6053 Jan 18 j 03:29	29°♏01'45		
	-6053 Feb 15 j 19:58	0°♐		
retrograde	-6053 Apr 19 j 19:51	1°♐00'46		
	-6053 Jun 24 j 12:34	30°℞♏		
min. Earth dist.	-6053 Jul 08 j 11:53	29°♏37'03	28.91553 AU	
opposition	-6053 Jul 09 j 11:49	29°♏35'23	-0°39'02	
direct	-6053 Sep 25 j 00:12	28°♏12'31		
	-6053 Dec 17 j 19:53	0°♐		
evening set	-6053 Dec 20 j 00:17	0°♐04'47		
conjunction	-6052 Jan 04 j 18:14	0°♐40'06	-0°39'06	
minimum elong	-6052 Jan 04 j 18:13	0°♐40'06	0°39'24	
max. Earth dist.	-6052 Jan 05 j 19:52	0°♐42'31	30.91068 AU	
morning rise	-6052 Jan 20 j 16:16	1°♐15'50		
retrograde	-6052 Apr 21 j 08:30	3°♐14'50		
opposition	-6052 Jul 10 j 23:50	1°♐49'25	-0°44'43	
min. Earth dist.	-6052 Jul 09 j 23:09	1°♐51'08	28.90684 AU	
direct	-6052 Sep 26 j 11:02	0°♐26'28		
evening set	-6052 Dec 21 j 12:02	2°♐18'46		
conjunction	-6051 Jan 06 j 06:23	2°♐54'07	-0°44'23	
minimum elong	-6051 Jan 06 j 06:23	2°♐54'07	0°44'43	
max. Earth dist.	-6051 Jan 07 j 08:22	2°♐56'34	30.90225 AU	
morning rise	-6051 Jan 22 j 04:53	3°♐29'52		
retrograde	-6051 Apr 23 j 20:07	5°♐28'54		
min. Earth dist.	-6051 Jul 12 j 11:59	4°♐05'05	28.89905 AU	
opposition	-6051 Jul 13 j 11:56	4°♐03'25	-0°50'20	
direct	-6051 Sep 28 j 20:45	2°♐40'25		
evening set	-6051 Dec 23 j 23:55	4°♐32'45		
conjunction	-6050 Jan 08 j 18:51	5°♐08'08	-0°49'36	
minimum elong	-6050 Jan 08 j 18:50	5°♐08'08	0°49'55	
max. Earth dist.	-6050 Jan 09 j 21:16	5°♐10'37	30.89511 AU	
morning rise	-6050 Jan 24 j 17:44	5°♐43'54		
retrograde	-6050 Apr 26 j 09:35	7°♐42'56		
opposition	-6050 Jul 15 j 23:43	6°♐17'26	-0°55'53	
min. Earth dist.	-6050 Jul 14 j 22:37	6°♐19'11	28.89258 AU	
direct	-6050 Oct 01 j 07:38	4°♐54'23		
evening set	-6050 Dec 26 j 12:04	6°♐46'46		
conjunction	-6049 Jan 11 j 07:20	7°♐22'10	-0°54'45	
minimum elong	-6049 Jan 11 j 07:19	7°♐22'10	0°55'06	
max. Earth dist.	-6049 Jan 12 j 09:17	7°♐24'37	30.88920 AU	
morning rise	-6049 Jan 27 j 06:47	7°♐57'59		
retrograde	-6049 Apr 28 j 22:31	9°♐57'02		
min. Earth dist.	-6049 Jul 17 j 11:31	8°♐33'12	28.88741 AU	
opposition	-6049 Jul 18 j 11:43	8°♐31'30	-1°01'21	
direct	-6049 Oct 03 j 18:21	7°♐08'26		
evening set	-6049 Dec 29 j 00:09	9°♐00'52		
conjunction	-6048 Jan 13 j 20:00	9°♐36'19	-0°59'49	
minimum elong	-6048 Jan 13 j 20:00	9°♐36'19	1°00'10	
max. Earth dist.	-6048 Jan 14 j 22:58	9°♐38'51	30.88457 AU	
morning rise	-6048 Jan 29 j 19:42	10°♐12'08		
retrograde	-6048 Apr 30 j 12:10	12°♐11'12		
opposition	-6048 Jul 19 j 23:26	10°♐45'41	-1°06'43	
min. Earth dist.	-6048 Jul 18 j 22:25	10°♐47'26	28.88331 AU	
direct	-6048 Oct 05 j 06:41	9°♐22'36		
evening set	-6048 Dec 30 j 12:32	11°♐15'07		
conjunction	-6047 Jan 15 j 08:39	11°♐50'35	-1°04'48	
minimum elong	-6047 Jan 15 j 08:38	11°♐50'35	1°05'10	
max. Earth dist.	-6047 Jan 16 j 10:35	11°♐53'01	30.88095 AU	
morning rise	-6047 Jan 31 j 08:55	12°♐26'27		
retrograde	-6047 May 03 j 02:17	14°♐25'31		
min. Earth dist.	-6047 Jul 21 j 11:05	13°♐01'43	28.88017 AU	
opposition	-6047 Jul 22 j 11:20	13°♐00'02	-1°12'00	
direct	-6047 Oct 07 j 16:42	11°♐36'56		
evening set	-6046 Jan 02 j 00:55	13°♐29'31		
conjunction	-6046 Jan 17 j 21:37	14°♐05'01	-1°09'42	
minimum elong	-6046 Jan 17 j 21:37	14°♐05'01	1°10'03	
max. Earth dist.	-6046 Jan 19 j 00:30	14°♐07'33	30.87794 AU	
morning rise	-6046 Feb 02 j 22:08	14°♐40'54		
retrograde	-6046 May 05 j 16:04	16°♐40'00		
opposition	-6046 Jul 24 j 23:07	15°♐14'32	-1°17'10	
min. Earth dist.	-6046 Jul 23 j 22:55	15°♐16'14	28.87723 AU	
direct	-6046 Oct 10 j 05:38	13°♐51'26		
evening set	-6045 Jan 04 j 13:45	15°♐44'06		
conjunction	-6045 Jan 20 j 10:44	16°♐19'38	-1°14'29	
minimum elong	-6045 Jan 20 j 10:44	16°♐19'38	1°14'51	
max. Earth dist.	-6045 Jan 21 j 12:08	16°♐22'02	30.87494 AU	
morning rise	-6045 Feb 05 j 11:45	16°♐55'33		
retrograde	-6045 May 08 j 07:22	18°♐54'39		
min. Earth dist.	-6045 Jul 26 j 11:03	17°♐30'52	28.87411 AU	
opposition	-6045 Jul 27 j 10:48	17°♐29'13	-1°22'14	
direct	-6045 Oct 12 j 17:00	16°♐06'05		
evening set	-6044 Jan 07 j 02:41	17°♐58'51		
conjunction	-6044 Jan 23 j 00:08	18°♐34'25	-1°19'10	
minimum elong	-6044 Jan 23 j 00:07	18°♐34'25	1°19'31	
max. Earth dist.	-6044 Jan 24 j 01:50	18°♐36'50	30.87131 AU	
morning rise	-6044 Feb 08 j 01:22	19°♐10'21		
retrograde	-6044 May 09 j 19:21	21°♐09'26		
opposition	-6044 Jul 28 j 22:38	19°♐44'01	-1°27'10	
min. Earth dist.	-6044 Jul 27 j 23:53	19°♐45'37	28.87009 AU	
direct	-6044 Oct 14 j 04:48	18°♐20'52		
evening set	-6043 Jan 08 j 15:34	20°♐13'42		
conjunction	-6043 Jan 24 j 13:23	20°♐49'17	-1°23'43	
minimum elong	-6043 Jan 24 j 13:23	20°♐49'17	1°24'05	
max. Earth dist.	-6043 Jan 25 j 13:58	20°♐51'35	30.86684 AU	
morning rise	-6043 Feb 09 j 15:02	21°♐25'14		
retrograde	-6043 May 12 j 09:23	23°♐24'19		
min. Earth dist.	-6043 Jul 30 j 11:36	22°♐00'30	28.86514 AU	
opposition	-6043 Jul 31 j 10:25	21°♐58'54	-1°31'58	
direct	-6043 Oct 16 j 16:16	20°♐35'40		
evening set	-6042 Jan 11 j 04:44	22°♐28'34		
conjunction	-6042 Jan 27 j 02:56	23°♐04'11	-1°28'09	
minimum elong	-6042 Jan 27 j 02:55	23°♐04'11	1°28'30	
max. Earth dist.	-6042 Jan 28 j 03:02	23°♐06'27	30.86125 AU	
morning rise	-6042 Feb 12 j 04:54	23°♐40'09		
retrograde	-6042 May 14 j 21:34	25°♐39'12		
opposition	-6042 Aug 02 j 22:07	24°♐13'46	-1°36'38	
min. Earth dist.	-6042 Aug 02 j 00:51	24°♐15'15	28.85921 AU	
direct	-6042 Oct 19 j 02:37	22°♐50'28		

Attention, astronomical year style is used: The year -6041 in astronomical counting style is the year 6042 BCE in historical counting style.

evening set	-6041 Jan 13 j 17:53	24°♐43'26	
conjunction	-6041 Jan 29 j 16:34	25°♐19'04	-1°32'27
minimum elong	-6041 Jan 29 j 16:33	25°♐19'04	1°32'50
max. Earth dist.	-6041 Jan 30 j 16:12	25°♐21'17	30.85506 AU
morning rise	-6041 Feb 14 j 18:49	25°♐55'03	
retrograde	-6041 May 17 j 10:39	27°♐54'02	
min. Earth dist.	-6041 Aug 04 j 11:54	26°♐30'06	28.85283 AU
opposition	-6041 Aug 05 j 09:37	26°♐28'35	-1°41'09
direct	-6041 Oct 21 j 14:19	25°♐05'11	
evening set	-6040 Jan 16 j 07:07	26°♐58'13	
conjunction	-6040 Feb 01 j 06:00	27°♐33'52	-1°36'36
minimum elong	-6040 Feb 01 j 06:00	27°♐33'52	1°36'58
max. Earth dist.	-6040 Feb 02 j 04:38	27°♐35'59	30.84853 AU
morning rise	-6040 Feb 17 j 08:37	28°♐09'52	
	-6040 Apr 25 j 18:54	0°♑	
retrograde	-6040 May 18 j 22:24	0°♑08'48	
	-6040 Jun 11 j 08:54	30°℞♐	
opposition	-6040 Aug 06 j 21:09	28°♐43'19	-1°45'31
min. Earth dist.	-6040 Aug 06 j 00:48	28°♐44'45	28.84659 AU
direct	-6040 Oct 23 j 01:06	27°♐19'50	
evening set	-6039 Jan 17 j 20:15	29°♐12'57	
conjunction	-6039 Feb 02 j 19:39	29°♐48'36	-1°40'36
minimum elong	-6039 Feb 02 j 19:39	29°♐48'36	1°41'00
max. Earth dist.	-6039 Feb 03 j 18:50	29°♐50'47	30.84257 AU
	-6039 Feb 07 j 21:03	0°♑	
morning rise	-6039 Feb 18 j 22:25	0°♑24'36	
retrograde	-6039 May 21 j 11:17	2°♑23'30	
min. Earth dist.	-6039 Aug 08 j 11:37	0°♑59'28	28.84108 AU
opposition	-6039 Aug 09 j 08:26	0°♑58'00	-1°49'43
	-6039 Sep 16 j 03:28	30°℞♐	
direct	-6039 Oct 25 j 13:25	29°♐34'26	
	-6039 Dec 03 j 06:23	0°♑	
evening set	-6038 Jan 20 j 09:34	1°♑27'37	
conjunction	-6038 Feb 05 j 09:11	2°♑03'18	-1°44'27
minimum elong	-6038 Feb 05 j 09:10	2°♑03'18	1°44'50
max. Earth dist.	-6038 Feb 06 j 07:03	2°♑05'21	30.83753 AU
morning rise	-6038 Feb 21 j 12:24	2°♑39'19	
retrograde	-6038 May 24 j 00:47	4°♑38'09	
opposition	-6038 Aug 11 j 19:50	3°♑12'39	-1°53'45
min. Earth dist.	-6038 Aug 10 j 23:57	3°♑14'03	28.83679 AU
direct	-6038 Oct 27 j 23:34	1°♑49'00	
evening set	-6037 Jan 22 j 22:55	3°♑42'17	
conjunction	-6037 Feb 07 j 23:01	4°♑17'59	-1°48'09
minimum elong	-6037 Feb 07 j 23:01	4°♑17'59	1°48'32
max. Earth dist.	-6037 Feb 08 j 21:38	4°♑20'07	30.83379 AU
morning rise	-6037 Feb 24 j 02:17	4°♑54'00	
retrograde	-6037 May 26 j 14:10	6°♑52'48	
min. Earth dist.	-6037 Aug 13 j 11:05	5°♑28'43	28.83379 AU
opposition	-6037 Aug 14 j 06:57	5°♑27'18	-1°57'37
direct	-6037 Oct 30 j 12:49	4°♑03'37	
evening set	-6036 Jan 25 j 12:25	5°♑57'00	
conjunction	-6036 Feb 10 j 12:42	6°♑32'43	-1°51'41
minimum elong	-6036 Feb 10 j 12:41	6°♑32'43	1°52'03
max. Earth dist.	-6036 Feb 11 j 09:54	6°♑34'42	30.83155 AU
morning rise	-6036 Feb 26 j 16:22	7°♑08'45	
retrograde	-6036 May 28 j 05:00	9°♑07'30	
opposition	-6036 Aug 15 j 18:12	7°♑42'02	-2°01'18
min. Earth dist.	-6036 Aug 14 j 22:31	7°♑43'26	28.83240 AU
direct	-6036 Nov 01 j 00:31	6°♑18'19	
evening set	-6035 Jan 27 j 01:43	8°♑11'48	
conjunction	-6035 Feb 12 j 02:27	8°♑47'33	-1°55'02
minimum elong	-6035 Feb 12 j 02:26	8°♑47'33	1°55'25
max. Earth dist.	-6035 Feb 13 j 00:16	8°♑49'35	30.83073 AU
morning rise	-6035 Feb 28 j 06:13	9°♑23'35	
retrograde	-6035 May 30 j 17:08	11°♑22'18	
min. Earth dist.	-6035 Aug 17 j 10:34	9°♑58'13	28.83221 AU
opposition	-6035 Aug 18 j 05:27	9°♑56'53	-2°04'47
direct	-6035 Nov 03 j 12:19	8°♑33'08	
evening set	-6034 Jan 29 j 15:25	10°♑26'45	
conjunction	-6034 Feb 14 j 16:25	11°♑02'30	-1°58'13
minimum elong	-6034 Feb 14 j 16:24	11°♑02'30	1°58'35
max. Earth dist.	-6034 Feb 15 j 13:07	11°♑04'27	30.83113 AU
morning rise	-6034 Mar 02 j 20:30	11°♑38'33	
retrograde	-6034 Jun 02 j 08:07	13°♑37'13	
opposition	-6034 Aug 20 j 16:29	12°♑11'53	-2°08'06
min. Earth dist.	-6034 Aug 19 j 21:34	12°♑13'13	28.83305 AU
direct	-6034 Nov 05 j 23:59	10°♑48'06	
evening set	-6033 Feb 01 j 05:18	12°♑41'50	
conjunction	-6033 Feb 17 j 06:35	13°♑17'37	-2°01'13
minimum elong	-6033 Feb 17 j 06:35	13°♑17'37	2°01'37
max. Earth dist.	-6033 Feb 18 j 02:57	13°♑19'32	30.83206 AU
morning rise	-6033 Mar 05 j 10:49	13°♑53'41	
retrograde	-6033 Jun 04 j 20:59	15°♑52'18	
min. Earth dist.	-6033 Aug 22 j 10:27	14°♑28'15	28.83415 AU
opposition	-6033 Aug 23 j 03:42	14°♑27'02	-2°11'13
direct	-6033 Nov 08 j 10:30	13°♑03'14	
evening set	-6032 Feb 03 j 19:09	14°♑57'05	
conjunction	-6032 Feb 19 j 20:45	15°♑32'53	-2°04'03
minimum elong	-6032 Feb 19 j 20:45	15°♑32'53	2°04'25
max. Earth dist.	-6032 Feb 20 j 16:17	15°♑34'43	30.83310 AU
morning rise	-6032 Mar 07 j 01:06	16°♑08'57	
retrograde	-6032 Jun 06 j 09:58	18°♑07'31	
opposition	-6032 Aug 24 j 14:47	16°♑42'18	-2°14'07
min. Earth dist.	-6032 Aug 23 j 21:20	16°♑43'32	28.83502 AU
direct	-6032 Nov 09 j 22:26	15°♑18'28	
evening set	-6031 Feb 05 j 09:16	17°♑12'26	
conjunction	-6031 Feb 21 j 11:03	17°♑48'14	-2°06'40
minimum elong	-6031 Feb 21 j 11:03	17°♑48'14	2°07'03
max. Earth dist.	-6031 Feb 22 j 05:08	17°♑49'56	30.83355 AU
morning rise	-6031 Mar 09 j 15:39	18°♑24'19	
retrograde	-6031 Jun 08 j 21:36	20°♑22'48	
min. Earth dist.	-6031 Aug 26 j 10:24	18°♑58'44	28.83523 AU
opposition	-6031 Aug 27 j 01:58	18°♑57'38	-2°16'50
direct	-6031 Nov 12 j 08:48	17°♑33'44	
evening set	-6030 Feb 07 j 23:19	19°♑27'47	
conjunction	-6030 Feb 24 j 01:34	20°♑03'37	-2°09'07
minimum elong	-6030 Feb 24 j 01:34	20°♑03'37	2°09'28
max. Earth dist.	-6030 Feb 24 j 19:19	20°♑05'16	30.83334 AU
morning rise	-6030 Mar 12 j 06:14	20°♑39'41	
retrograde	-6030 Jun 11 j 10:29	22°♑38'04	
opposition	-6030 Aug 29 j 13:00	21°♑12'56	-2°19'20
min. Earth dist.	-6030 Aug 28 j 21:34	21°♑14'01	28.83453 AU
direct	-6030 Nov 14 j 20:50	19°♑48'57	
evening set	-6029 Feb 10 j 13:39	21°♑43'05	
conjunction	-6029 Feb 26 j 16:00	22°♑18'55	-2°11'21
minimum elong	-6029 Feb 26 j 16:00	22°♑18'55	2°11'43
max. Earth dist.	-6029 Feb 27 j 07:43	22°♑20'23	30.83225 AU
morning rise	-6029 Mar 14 j 20:57	22°♑54'59	
retrograde	-6029 Jun 13 j 22:44	24°♑53'16	
opposition	-6029 Aug 31 j 23:59	23°♑28'07	-2°21'37
min. Earth dist.	-6029 Aug 31 j 10:07	23°♑29'06	28.83331 AU

Attention, astronomical year style is used: The year -6029 in astronomical counting style is the year 6030 BCE in historical counting style.

direct	-6029 Nov 17 j 07:24	22°♓04'03	
evening set	-6028 Feb 13 j 03:44	23°♓58'15	
conjunction	-6028 Feb 29 j 06:31	24°♓34'05	-2°13'23
minimum elong	-6028 Feb 29 j 06:31	24°♓34'05	2°13'45
max. Earth dist.	-6028 Feb 29 j 22:26	24°♓35'35	30.83088 AU
morning rise	-6028 Mar 16 j 11:26	25°♓10'09	
retrograde	-6028 Jun 15 j 10:42	27°♓08'18	
opposition	-6028 Sep 02 j 10:52	25°♓43'10	-2°23'41
min. Earth dist.	-6028 Sep 01 j 21:28	25°♓44'07	28.83193 AU
direct	-6028 Nov 18 j 20:55	24°♓18'59	
evening set	-6027 Feb 14 j 17:50	26°♓13'16	
conjunction	-6027 Mar 02 j 20:45	26°♓49'07	-2°15'14
minimum elong	-6027 Mar 02 j 20:45	26°♓49'07	2°15'35
max. Earth dist.	-6027 Mar 03 j 10:44	26°♓50'25	30.82970 AU
morning rise	-6027 Mar 19 j 02:00	27°♓25'10	
retrograde	-6027 Jun 18 j 00:22	29°♓23'11	
opposition	-6027 Sep 04 j 21:42	27°♓58'03	-2°25'32
min. Earth dist.	-6027 Sep 04 j 08:57	27°♓58'57	28.83111 AU
direct	-6027 Nov 21 j 08:55	26°♓33'46	
evening set	-6026 Feb 17 j 08:00	28°♓28'08	
conjunction	-6026 Mar 05 j 11:18	29°♓03'59	-2°16'52
minimum elong	-6026 Mar 05 j 11:18	29°♓03'59	2°17'12
max. Earth dist.	-6026 Mar 06 j 01:31	29°♓05'18	30.82915 AU
morning rise	-6026 Mar 21 j 16:31	29°♓40'01	
	-6026 Mar 31 j 00:30	0°♒	
retrograde	-6026 Jun 20 j 12:12	1°♒37'55	
opposition	-6026 Sep 07 j 08:23	0°♒12'47	-2°27'10
min. Earth dist.	-6026 Sep 06 j 20:42	0°♒13'37	28.83109 AU
	-6026 Sep 14 j 20:33	30°℞♓	
direct	-6026 Nov 23 j 21:10	28°♓48'26	
	-6025 Jan 30 j 04:33	0°♒	
evening set	-6025 Feb 19 j 22:16	0°♒42'52	
conjunction	-6025 Mar 08 j 01:44	1°♒18'44	-2°18'17
minimum elong	-6025 Mar 08 j 01:44	1°♒18'44	2°18'37
max. Earth dist.	-6025 Mar 08 j 14:30	1°♒19'55	30.82980 AU
morning rise	-6025 Mar 24 j 07:10	1°♒54'46	
retrograde	-6025 Jun 23 j 02:50	3°♒52'32	
opposition	-6025 Sep 09 j 19:05	2°♒27'26	-2°28'34
min. Earth dist.	-6025 Sep 09 j 07:18	2°♒28'17	28.83246 AU
direct	-6025 Nov 26 j 09:49	1°♒03'01	
evening set	-6024 Feb 22 j 12:20	2°♒57'32	
conjunction	-6024 Mar 09 j 16:03	3°♒33'25	-2°19'30
minimum elong	-6024 Mar 09 j 16:03	3°♒33'25	2°19'49
max. Earth dist.	-6024 Mar 10 j 04:44	3°♒34'36	30.83178 AU
morning rise	-6024 Mar 25 j 21:30	4°♒09'27	
retrograde	-6024 Jun 24 j 14:43	6°♒07'06	
opposition	-6024 Sep 11 j 05:51	4°♒42'03	-2°29'45
min. Earth dist.	-6024 Sep 10 j 19:29	4°♒42'48	28.83529 AU
direct	-6024 Nov 27 j 21:10	3°♒17'35	
evening set	-6023 Feb 24 j 02:30	5°♒12'13	
conjunction	-6023 Mar 12 j 06:31	5°♒48'06	-2°20'30
minimum elong	-6023 Mar 12 j 06:31	5°♒48'06	2°20'50
max. Earth dist.	-6023 Mar 12 j 18:24	5°♒49'12	30.83547 AU
morning rise	-6023 Mar 28 j 12:05	6°♒24'08	
retrograde	-6023 Jun 27 j 03:57	8°♒21'40	
opposition	-6023 Sep 13 j 16:22	6°♒56'43	-2°30'42
min. Earth dist.	-6023 Sep 13 j 05:35	6°♒57'29	28.83969 AU
direct	-6023 Nov 30 j 09:22	5°♒32'13	
evening set	-6022 Feb 26 j 16:52	7°♒26'58	
conjunction	-6022 Mar 14 j 21:03	8°♒02'51	-2°21'16
minimum elong	-6022 Mar 14 j 21:03	8°♒02'51	2°21'36
max. Earth dist.	-6022 Mar 15 j 07:52	8°♒03'52	30.84049 AU
morning rise	-6022 Mar 31 j 02:45	8°♒38'53	
retrograde	-6022 Jun 29 j 15:53	10°♒36'20	
opposition	-6022 Sep 16 j 03:06	9°♒11'28	-2°31'25
min. Earth dist.	-6022 Sep 15 j 17:58	9°♒12'07	28.84533 AU
direct	-6022 Dec 02 j 19:29	7°♒46'58	
evening set	-6021 Mar 01 j 07:12	9°♒41'50	
conjunction	-6021 Mar 17 j 11:42	10°♒17'44	-2°21'50
minimum elong	-6021 Mar 17 j 11:43	10°♒17'44	2°22'09
max. Earth dist.	-6021 Mar 17 j 22:16	10°♒18'44	30.84659 AU
morning rise	-6021 Apr 02 j 17:22	10°♒53'46	
retrograde	-6021 Jul 02 j 04:47	12°♒51'07	
opposition	-6021 Sep 18 j 13:36	11°♒26'22	-2°31'54
min. Earth dist.	-6021 Sep 18 j 04:33	11°♒27'01	28.85164 AU
direct	-6021 Dec 05 j 06:54	10°♒01'52	
evening set	-6020 Mar 02 j 21:45	11°♒56'52	
conjunction	-6020 Mar 19 j 02:18	12°♒32'47	-2°22'11
minimum elong	-6020 Mar 19 j 02:18	12°♒32'47	2°22'29
max. Earth dist.	-6020 Mar 19 j 11:00	12°♒33'35	30.85305 AU
morning rise	-6020 Apr 04 j 08:09	13°♒08'49	
	-6020 Jun 14 j 16:40	15°♒	
retrograde	-6020 Jul 03 j 16:37	15°♒06'05	
	-6020 Jul 22 j 19:31	15°℞♒	
opposition	-6020 Sep 20 j 00:17	13°♒41'26	-2°32'09
min. Earth dist.	-6020 Sep 19 j 16:50	13°♒41'58	28.85818 AU
direct	-6020 Dec 06 j 16:58	12°♒16'54	
evening set	-6019 Mar 05 j 12:07	14°♒12'02	
conjunction	-6019 Mar 21 j 17:05	14°♒47'57	-2°22'19
minimum elong	-6019 Mar 21 j 17:05	14°♒47'57	2°22'36
max. Earth dist.	-6019 Mar 22 j 01:40	14°♒48'45	30.85937 AU
	-6019 Mar 27 j 02:14	15°♒	
morning rise	-6019 Apr 06 j 22:50	15°♒23'59	
retrograde	-6019 Jul 06 j 04:16	17°♒21'09	
opposition	-6019 Sep 22 j 10:58	15°♒56'36	-2°32'10
min. Earth dist.	-6019 Sep 22 j 04:21	15°♒57'04	28.86409 AU
	-6019 Oct 28 j 17:29	15°℞♒	
direct	-6019 Dec 09 j 06:01	14°♒32'03	
	-6018 Jan 19 j 06:42	15°♒	
evening set	-6018 Mar 08 j 02:52	16°♒27'17	
conjunction	-6018 Mar 24 j 07:52	17°♒03'13	-2°22'14
minimum elong	-6018 Mar 24 j 07:53	17°♒03'13	2°22'30
max. Earth dist.	-6018 Mar 24 j 13:54	17°♒03'46	30.86491 AU
morning rise	-6018 Apr 09 j 13:51	17°♒39'14	
retrograde	-6018 Jul 08 j 17:37	19°♒36'16	
opposition	-6018 Sep 24 j 21:33	18°♒11'48	-2°31'58
min. Earth dist.	-6018 Sep 24 j 15:59	18°♒12'11	28.86923 AU
direct	-6018 Dec 11 j 17:38	16°♒47'11	
evening set	-6017 Mar 10 j 17:29	18°♒42'31	
conjunction	-6017 Mar 26 j 22:49	19°♒18'28	-2°21'56
minimum elong	-6017 Mar 26 j 22:50	19°♒18'28	2°22'12
max. Earth dist.	-6017 Mar 27 j 04:33	19°♒19'00	30.86954 AU
morning rise	-6017 Apr 12 j 04:40	19°♒54'29	
retrograde	-6017 Jul 11 j 05:17	21°♒51'22	
opposition	-6017 Sep 27 j 08:15	20°♒26'57	-2°31'31
min. Earth dist.	-6017 Sep 27 j 04:13	20°♒27'14	28.87339 AU
direct	-6017 Dec 14 j 05:59	19°♒02'17	
evening set	-6016 Mar 12 j 07:57	20°♒57'41	
conjunction	-6016 Mar 28 j 13:22	21°♒33'38	-2°21'25
minimum elong	-6016 Mar 28 j 13:22	21°♒33'38	2°21'40
max. Earth dist.	-6016 Mar 28 j 17:00	21°♒33'58	30.87349 AU

Attention, astronomical year style is used: The year -6016 in astronomical counting style is the year 6017 BCE in historical counting style.

morning rise	-6016 Apr 13 j 19:23	22°♒09'38	
retrograde	-6016 Jul 12 j 19:31	24°♒06'22	
opposition	-6016 Sep 28 j 18:46	22°♒41'59	-2°30'51
min. Earth dist.	-6016 Sep 28 j 15:04	22°♒42'15	28.87709 AU
direct	-6016 Dec 15 j 19:46	21°♒17'15	
evening set	-6015 Mar 14 j 22:26	23°♒12'42	
conjunction	-6015 Mar 31 j 04:07	23°♒48'39	-2°20'41
minimum elong	-6015 Mar 31 j 04:08	23°♒48'39	2°20'56
max. Earth dist.	-6015 Mar 31 j 07:17	23°♒48'57	30.87701 AU
morning rise	-6015 Apr 16 j 10:03	24°♒24'39	
retrograde	-6015 Jul 15 j 06:37	26°♒21'13	
opposition	-6015 Oct 01 j 05:14	24°♒56'51	-2°29'58
min. Earth dist.	-6015 Oct 01 j 03:28	24°♒56'59	28.88060 AU
direct	-6015 Dec 18 j 08:16	23°♒32'02	
evening set	-6014 Mar 17 j 12:56	25°♒27'33	
conjunction	-6014 Apr 02 j 18:48	26°♒03'30	-2°19'44
minimum elong	-6014 Apr 02 j 18:48	26°♒03'30	2°19'59
max. Earth dist.	-6014 Apr 02 j 20:37	26°♒03'41	30.88074 AU
morning rise	-6014 Apr 19 j 00:50	26°♒39'29	
retrograde	-6014 Jul 17 j 19:50	28°♒35'52	
opposition	-6014 Oct 03 j 15:34	27°♒11'33	-2°28'50
min. Earth dist.	-6014 Oct 03 j 13:41	27°♒11'41	28.88448 AU
direct	-6014 Dec 20 j 21:32	25°♒46'39	
evening set	-6013 Mar 20 j 03:22	27°♒42'13	
conjunction	-6013 Apr 05 j 09:18	28°♒18'10	-2°18'35
minimum elong	-6013 Apr 05 j 09:19	28°♒18'10	2°18'49
max. Earth dist.	-6013 Apr 05 j 10:05	28°♒18'15	30.88488 AU
morning rise	-6013 Apr 21 j 15:18	28°♒54'08	
	-6013 May 25 j 03:45	0°♓	
retrograde	-6013 Jul 20 j 07:39	0°♓50'21	
	-6013 Sep 15 j 15:30	30°♑♒	
opposition	-6013 Oct 06 j 02:00	29°♒26'04	-2°27'30
min. Earth dist.	-6013 Oct 06 j 01:46	29°♒26'05	28.88914 AU
direct	-6013 Dec 23 j 08:39	28°♒01'06	
evening set	-6012 Mar 21 j 17:39	29°♒56'43	
	-6012 Mar 23 j 05:53	0°♓	
conjunction	-6012 Apr 06 j 23:50	0°♓32'40	-2°17'14
minimum elong	-6012 Apr 06 j 23:50	0°♓32'41	2°17'27
max. Earth dist.	-6012 Apr 07 j 00:13	0°♓32'43	30.89017 AU
morning rise	-6012 Apr 23 j 05:46	1°♓08'38	
retrograde	-6012 Jul 21 j 19:47	3°♓04'39	
opposition	-6012 Oct 07 j 12:16	1°♓40'26	-2°25'56
min. Earth dist.	-6012 Oct 07 j 11:55	1°♓40'27	28.89495 AU
direct	-6012 Dec 24 j 20:56	0°♓15'25	
evening set	-6011 Mar 24 j 07:57	2°♓11'05	
conjunction	-6011 Apr 09 j 14:10	2°♓47'03	-2°15'40
minimum elong	-6011 Apr 09 j 14:11	2°♓47'03	2°15'52
max. Earth dist.	-6011 Apr 09 j 13:01	2°♓46'56	30.89667 AU
morning rise	-6011 Apr 25 j 20:12	3°♓23'00	
retrograde	-6011 Jul 24 j 06:19	5°♓18'52	
opposition	-6011 Oct 09 j 22:40	3°♓54'42	-2°24'08
min. Earth dist.	-6011 Oct 09 j 23:34	3°♓54'38	28.90214 AU
direct	-6011 Dec 27 j 07:38	2°♓29'39	
evening set	-6010 Mar 26 j 22:14	4°♓25'23	
conjunction	-6010 Apr 12 j 04:45	5°♓01'21	-2°13'53
minimum elong	-6010 Apr 12 j 04:46	5°♓01'21	2°14'05
max. Earth dist.	-6010 Apr 12 j 03:46	5°♓01'15	30.90453 AU
morning rise	-6010 Apr 28 j 10:36	5°♓37'17	
retrograde	-6010 Jul 26 j 16:51	7°♓33'00	
opposition	-6010 Oct 12 j 08:55	6°♓08'56	-2°22'08
min. Earth dist.	-6010 Oct 12 j 10:20	6°♓08'50	28.91044 AU
direct	-6010 Dec 29 j 19:55	4°♓43'51	
evening set	-6009 Mar 29 j 12:41	6°♓39'40	
conjunction	-6009 Apr 14 j 19:08	7°♓15'38	-2°11'55
minimum elong	-6009 Apr 14 j 19:09	7°♓15'38	2°12'05
max. Earth dist.	-6009 Apr 14 j 16:09	7°♓15'22	30.91346 AU
morning rise	-6009 May 01 j 01:06	7°♓51'34	
retrograde	-6009 Jul 29 j 05:25	9°♓47'09	
opposition	-6009 Oct 14 j 19:17	8°♓23'11	-2°19'54
min. Earth dist.	-6009 Oct 14 j 21:20	8°♓23'02	28.91977 AU
direct	-6008 Jan 01 j 06:27	6°♓58'05	
evening set	-6008 Mar 31 j 02:48	8°♓54'00	
conjunction	-6008 Apr 16 j 09:31	9°♓29'58	-2°09'44
minimum elong	-6008 Apr 16 j 09:32	9°♓29'58	2°09'54
max. Earth dist.	-6008 Apr 16 j 06:39	9°♓29'42	30.92301 AU
morning rise	-6008 May 02 j 15:16	10°♓05'53	
retrograde	-6008 Jul 30 j 15:56	12°♓01'20	
opposition	-6008 Oct 16 j 05:41	10°♓37'28	-2°17'28
min. Earth dist.	-6008 Oct 16 j 09:10	10°♓37'13	28.92929 AU
direct	-6007 Jan 02 j 18:34	9°♓12'23	
evening set	-6007 Apr 02 j 17:17	11°♓08'22	
conjunction	-6007 Apr 18 j 23:57	11°♓44'20	-2°07'21
minimum elong	-6007 Apr 18 j 23:58	11°♓44'20	2°07'30
max. Earth dist.	-6007 Apr 18 j 18:55	11°♓43'52	30.93256 AU
morning rise	-6007 May 05 j 05:48	12°♓20'15	
retrograde	-6007 Aug 02 j 05:14	14°♓15'33	
opposition	-6007 Oct 18 j 15:54	12°♓51'47	-2°14'49
min. Earth dist.	-6007 Oct 18 j 19:50	12°♓51'31	28.93856 AU
direct	-6006 Jan 05 j 07:46	11°♓26'41	
evening set	-6006 Apr 05 j 07:44	13°♓22'46	
conjunction	-6006 Apr 21 j 14:35	13°♓58'44	-2°04'47
minimum elong	-6006 Apr 21 j 14:36	13°♓58'44	2°04'55
max. Earth dist.	-6006 Apr 21 j 08:59	13°♓58'13	30.94139 AU
morning rise	-6006 May 07 j 20:12	14°♓34'38	
retrograde	-6006 Aug 04 j 16:09	16°♓29'48	
opposition	-6006 Oct 21 j 02:27	15°♓06'07	-2°11'58
min. Earth dist.	-6006 Oct 21 j 08:27	15°♓05'41	28.94689 AU
direct	-6005 Jan 07 j 20:09	13°♓40'59	
evening set	-6005 Apr 07 j 22:06	15°♓37'07	
conjunction	-6005 Apr 24 j 04:56	16°♓13'05	-2°02'01
minimum elong	-6005 Apr 24 j 04:57	16°♓13'05	2°02'09
max. Earth dist.	-6005 Apr 23 j 21:36	16°♓12'25	30.94931 AU
morning rise	-6005 May 10 j 10:31	16°♓48'58	
retrograde	-6005 Aug 07 j 05:18	18°♓43'59	
opposition	-6005 Oct 23 j 12:47	17°♓20'22	-2°08'55
min. Earth dist.	-6005 Oct 23 j 18:53	17°♓19'56	28.95420 AU
direct	-6004 Jan 10 j 09:44	15°♓55'12	
evening set	-6004 Apr 09 j 12:25	17°♓51'23	
conjunction	-6004 Apr 25 j 19:18	18°♓27'21	-1°59'05
minimum elong	-6004 Apr 25 j 19:19	18°♓27'21	1°59'12
max. Earth dist.	-6004 Apr 25 j 10:42	18°♓26'33	30.95614 AU
morning rise	-6004 May 12 j 00:44	19°♓03'13	
retrograde	-6004 Aug 08 j 17:05	20°♓58'03	
opposition	-6004 Oct 24 j 23:10	19°♓34'30	-2°05'41
min. Earth dist.	-6004 Oct 25 j 07:15	19°♓33'55	28.96065 AU
direct	-6003 Jan 11 j 21:33	18°♓09'17	
evening set	-6003 Apr 12 j 02:33	20°♓05'30	
conjunction	-6003 Apr 28 j 09:33	20°♓41'28	-1°55'59
minimum elong	-6003 Apr 28 j 09:34	20°♓41'28	1°56'04
max. Earth dist.	-6003 Apr 28 j 00:04	20°♓40'35	30.96237 AU
morning rise	-6003 May 14 j 14:54	21°♓17'19	

Attention, astronomical year style is used: The year -6003 in astronomical counting style is the year 6004 BCE in historical counting style.

retrograde	-6003 Aug 11 j 04:49	23°♓11'58	
opposition	-6003 Oct 27 j 09:26	21°♓48'28	-2°02'16
min. Earth dist.	-6003 Oct 27 j 17:45	21°♓47'52	28.96644 AU
direct	-6002 Jan 14 j 10:54	20°♓23'12	
evening set	-6002 Apr 14 j 16:47	22°♓19'26	
conjunction	-6002 Apr 30 j 23:41	22°♓55'24	-1°52'42
minimum elong	-6002 Apr 30 j 23:42	22°♓55'24	1°52'47
max. Earth dist.	-6002 Apr 30 j 12:28	22°♓54'21	30.96807 AU
morning rise	-6002 May 17 j 04:56	23°♓31'14	
retrograde	-6002 Aug 13 j 15:02	25°♓25'43	
opposition	-6002 Oct 29 j 19:41	24°♓02'15	-1°58'41
min. Earth dist.	-6002 Oct 30 j 05:27	24°♓01'33	28.97218 AU
direct	-6001 Jan 16 j 22:07	22°♓36'55	
evening set	-6001 Apr 17 j 06:42	24°♓33'10	
conjunction	-6001 May 03 j 13:44	25°♓09'08	-1°49'16
minimum elong	-6001 May 03 j 13:45	25°♓09'08	1°49'19
max. Earth dist.	-6001 May 03 j 02:38	25°♓08'06	30.97400 AU
morning rise	-6001 May 19 j 18:44	25°♓44'57	
retrograde	-6001 Aug 16 j 00:55	27°♓39'15	
opposition	-6001 Nov 01 j 05:56	26°♓15'50	-1°54'55
min. Earth dist.	-6001 Nov 01 j 16:14	26°♓15'06	28.97823 AU
direct	-6000 Jan 19 j 10:32	24°♓50'27	
evening set	-6000 Apr 18 j 20:29	26°♓46'43	
conjunction	-6000 May 05 j 03:20	27°♓22'41	-1°45'40
minimum elong	-6000 May 05 j 03:21	27°♓22'41	1°45'43
max. Earth dist.	-6000 May 04 j 14:27	27°♓21'29	30.98052 AU
morning rise	-6000 May 21 j 08:19	27°♓58'29	
retrograde	-6000 Aug 17 j 12:20	29°♓52'37	
opposition	-6000 Nov 02 j 16:09	28°♓29'15	-1°50'59
min. Earth dist.	-6000 Nov 03 j 02:50	28°♓28'29	28.98526 AU
direct	-5999 Jan 20 j 20:54	27°♓03'49	
evening set	-5999 Apr 21 j 10:11	29°♓00'07	
conjunction	-5999 May 07 j 17:10	29°♓36'04	-1°41'54
minimum elong	-5999 May 07 j 17:11	29°♓36'04	1°41'56
max. Earth dist.	-5999 May 07 j 04:41	29°♓34'54	30.98812 AU
	-5999 May 18 j 11:54	0°♈	
morning rise	-5999 May 23 j 21:48	0°♈11'51	
retrograde	-5999 Aug 19 j 21:15	2°♈05'50	
opposition	-5999 Nov 05 j 02:18	0°♈42'31	-1°46'53
min. Earth dist.	-5999 Nov 05 j 14:03	0°♈41'41	28.99338 AU
	-5999 Dec 01 j 06:57	30°℞♓	
direct	-5998 Jan 23 j 09:04	29°♓17'04	
	-5998 Mar 16 j 14:22	0°♈	
evening set	-5998 Apr 24 j 00:02	1°♈13'25	
conjunction	-5998 May 10 j 06:47	1°♈49'21	-1°38'00
minimum elong	-5998 May 10 j 06:48	1°♈49'21	1°38'02
max. Earth dist.	-5998 May 09 j 16:36	1°♈48'02	30.99705 AU
morning rise	-5998 May 26 j 11:22	2°♈25'06	
retrograde	-5998 Aug 22 j 09:11	4°♈18'57	
opposition	-5998 Nov 07 j 12:30	2°♈55'43	-1°42'38
min. Earth dist.	-5998 Nov 08 j 00:01	2°♈54'54	29.00292 AU
direct	-5997 Jan 25 j 21:51	1°♈30'16	
evening set	-5997 Apr 26 j 13:34	3°♈26'39	
conjunction	-5997 May 12 j 20:20	4°♈02'35	-1°33'57
minimum elong	-5997 May 12 j 20:21	4°♈02'35	1°33'57
max. Earth dist.	-5997 May 12 j 06:28	4°♈01'18	31.00721 AU
morning rise	-5997 May 29 j 00:32	4°♈38'19	
retrograde	-5997 Aug 24 j 19:07	6°♈32'03	
opposition	-5997 Nov 09 j 22:49	5°♈08'54	-1°38'14
min. Earth dist.	-5997 Nov 10 j 11:51	5°♈07'59	29.01359 AU
direct	-5996 Jan 28 j 09:17	3°♈43'28	
evening set	-5996 Apr 28 j 03:13	5°♈39'55	
conjunction	-5996 May 14 j 09:48	6°♈15'49	-1°29'45
minimum elong	-5996 May 14 j 09:48	6°♈15'49	1°29'46
max. Earth dist.	-5996 May 13 j 18:45	6°♈14'26	31.01847 AU
morning rise	-5996 May 30 j 13:53	6°♈51'33	
retrograde	-5996 Aug 26 j 07:47	8°♈45'09	
opposition	-5996 Nov 11 j 08:53	7°♈22'07	-1°33'40
min. Earth dist.	-5996 Nov 11 j 21:39	7°♈21'13	29.02501 AU
direct	-5995 Jan 29 j 22:33	5°♈56'42	
evening set	-5995 Apr 30 j 16:51	7°♈53'12	
conjunction	-5995 May 16 j 23:21	8°♈29'06	-1°25'26
minimum elong	-5995 May 16 j 23:22	8°♈29'06	1°25'24
max. Earth dist.	-5995 May 16 j 07:36	8°♈27'39	31.03000 AU
morning rise	-5995 Jun 02 j 03:07	9°♈04'48	
retrograde	-5995 Aug 28 j 19:35	10°♈58'18	
opposition	-5995 Nov 13 j 19:17	9°♈35'21	-1°28'59
min. Earth dist.	-5995 Nov 14 j 09:46	9°♈34'20	29.03648 AU
direct	-5994 Feb 01 j 10:52	8°♈09'58	
evening set	-5994 May 03 j 06:30	10°♈06'30	
conjunction	-5994 May 19 j 12:50	10°♈42'24	-1°20'58
minimum elong	-5994 May 19 j 12:51	10°♈42'24	1°20'56
max. Earth dist.	-5994 May 18 j 20:19	10°♈40'52	31.04129 AU
morning rise	-5994 Jun 04 j 16:19	11°♈18'04	
retrograde	-5994 Aug 31 j 06:59	13°♈11'27	
opposition	-5994 Nov 16 j 05:35	11°♈48'35	-1°24'09
min. Earth dist.	-5994 Nov 16 j 20:16	11°♈47'33	29.04728 AU
direct	-5993 Feb 04 j 00:49	10°♈23'13	
evening set	-5993 May 05 j 20:12	12°♈19'47	
max. Earth dist.	-5993 May 21 j 08:07	12°♈53'59	31.05169 AU
conjunction	-5993 May 22 j 02:15	12°♈55'40	-1°16'24
minimum elong	-5993 May 22 j 02:15	12°♈55'40	1°16'20
morning rise	-5993 Jun 07 j 05:27	13°♈31'19	
retrograde	-5993 Sep 02 j 17:51	15°♈24'33	
opposition	-5993 Nov 18 j 16:05	14°♈01'46	-1°19'12
min. Earth dist.	-5993 Nov 19 j 08:06	14°♈00'38	29.05727 AU
direct	-5992 Feb 06 j 11:58	12°♈36'23	
evening set	-5992 May 07 j 09:32	14°♈32'58	
conjunction	-5992 May 23 j 15:31	15°♈08'50	-1°11'43
minimum elong	-5992 May 23 j 15:32	15°♈08'50	1°11'40
max. Earth dist.	-5992 May 22 j 21:20	15°♈07'08	31.06118 AU
morning rise	-5992 Jun 08 j 18:20	15°♈44'27	
retrograde	-5992 Sep 04 j 04:04	17°♈37'32	
opposition	-5992 Nov 20 j 02:30	16°♈14'49	-1°14'09
min. Earth dist.	-5992 Nov 20 j 19:19	16°♈13'38	29.06608 AU
direct	-5991 Feb 08 j 01:10	14°♈49'24	
evening set	-5991 May 09 j 23:07	16°♈45'59	
max. Earth dist.	-5991 May 25 j 08:30	17°♈19'57	31.06959 AU
conjunction	-5991 May 26 j 04:44	17°♈21'50	-1°06'57
minimum elong	-5991 May 26 j 04:44	17°♈21'50	1°06'51
morning rise	-5991 Jun 11 j 07:20	17°♈57'25	
retrograde	-5991 Sep 06 j 14:52	19°♈50'22	
opposition	-5991 Nov 22 j 12:47	18°♈27'40	-1°08'59
min. Earth dist.	-5991 Nov 23 j 06:11	18°♈26'27	29.07408 AU
direct	-5990 Feb 10 j 12:12	17°♈02'13	
evening set	-5990 May 12 j 12:25	18°♈58'47	
conjunction	-5990 May 28 j 17:57	19°♈34'37	-1°02'04
minimum elong	-5990 May 28 j 17:58	19°♈34'37	1°01'59
max. Earth dist.	-5990 May 27 j 21:59	19°♈32'45	31.07727 AU
morning rise	-5990 Jun 13 j 20:03	20°♈10'10	
retrograde	-5990 Sep 08 j 23:04	22°♈02'58	

Attention, astronomical year style is used: The year -5990 in astronomical counting style is the year 5991 BCE in historical counting style.

opposition	-5990 Nov 24 j 23:16	20°♈40'18	-1°03'44
min. Earth dist.	-5990 Nov 25 j 17:57	20°♈39'00	29.08144 AU
direct	-5989 Feb 13 j 00:50	19°♈14'49	
evening set	-5989 May 15 j 01:35	21°♈11'22	
max. Earth dist.	-5989 May 30 j 09:00	21°♈45'09	31.08463 AU
conjunction	-5989 May 31 j 06:40	21°♈47'10	-0°57'07
minimum elong	-5989 May 31 j 06:40	21°♈47'10	0°57'00
morning rise	-5989 Jun 16 j 08:33	22°♈22'41	
retrograde	-5989 Sep 11 j 09:49	24°♈15'20	
opposition	-5989 Nov 27 j 09:35	22°♈52'42	-0°58'24
min. Earth dist.	-5989 Nov 28 j 04:01	22°♈51'24	29.08880 AU
direct	-5988 Feb 15 j 12:53	21°♈27'10	
evening set	-5988 May 16 j 14:33	23°♈23'42	
conjunction	-5988 Jun 01 j 19:28	23°♈59'28	-0°52'05
minimum elong	-5988 Jun 01 j 19:29	23°♈59'28	0°51'59
max. Earth dist.	-5988 May 31 j 22:13	23°♈57'30	31.09212 AU
morning rise	-5988 Jun 17 j 20:49	24°♈34'58	
retrograde	-5988 Sep 12 j 18:48	26°♈27'29	
opposition	-5988 Nov 28 j 19:55	25°♈04'52	-0°52'59
min. Earth dist.	-5988 Nov 29 j 15:49	25°♈03'29	29.09657 AU
direct	-5987 Feb 16 j 23:59	23°♈39'18	
evening set	-5987 May 19 j 03:32	25°♈35'50	
max. Earth dist.	-5987 Jun 03 j 09:52	26°♈09'31	31.10035 AU
conjunction	-5987 Jun 04 j 08:03	26°♈11'34	-0°46'59
minimum elong	-5987 Jun 04 j 08:03	26°♈11'34	0°46'50
morning rise	-5987 Jun 20 j 09:07	26°♈47'02	
retrograde	-5987 Sep 15 j 06:09	28°♈39'26	
opposition	-5987 Dec 01 j 06:14	27°♈16'51	-0°47'30
min. Earth dist.	-5987 Dec 02 j 01:25	27°♈15'31	29.10519 AU
direct	-5986 Feb 19 j 13:38	25°♈51'17	
evening set	-5986 May 21 j 16:20	27°♈47'49	
conjunction	-5986 Jun 06 j 20:31	28°♈23'32	-0°41'49
minimum elong	-5986 Jun 06 j 20:31	28°♈23'32	0°41'40
max. Earth dist.	-5986 Jun 05 j 22:17	28°♈21'28	31.10949 AU
morning rise	-5986 Jun 22 j 21:02	28°♈58'57	
	-5986 Jul 23 j 18:16	0°♉	
retrograde	-5986 Sep 17 j 16:54	0°♉51'15	
	-5986 Nov 14 j 14:36	30°℞♈	
opposition	-5986 Dec 03 j 16:44	29°♈28'44	-0°41'56
min. Earth dist.	-5986 Dec 04 j 12:59	29°♈27'19	29.11500 AU
direct	-5985 Feb 22 j 01:44	28°♈03'11	
evening set	-5985 May 24 j 05:03	29°♈59'44	
	-5985 May 24 j 08:04	0°♉	
max. Earth dist.	-5985 Jun 08 j 10:35	0°♉33'21	31.12002 AU
conjunction	-5985 Jun 09 j 08:53	0°♉35'25	-0°36'35
minimum elong	-5985 Jun 09 j 08:53	0°♉35'25	0°36'25
morning rise	-5985 Jun 25 j 08:59	1°♉10'48	
retrograde	-5985 Sep 20 j 03:42	3°♉03'02	
opposition	-5985 Dec 06 j 03:08	1°♉40'36	-0°36'19
min. Earth dist.	-5985 Dec 06 j 22:54	1°♉39'13	29.12600 AU
direct	-5984 Feb 24 j 15:21	0°♉15'05	
evening set	-5984 May 25 j 17:39	2°♉11'39	
conjunction	-5984 Jun 10 j 21:02	2°♉47'19	-0°31'18
minimum elong	-5984 Jun 10 j 21:02	2°♉47'19	0°31'08
max. Earth dist.	-5984 Jun 09 j 21:57	2°♉45'11	31.13155 AU
morning rise	-5984 Jun 26 j 20:44	3°♉22'40	
retrograde	-5984 Sep 21 j 14:37	5°♉14'50	
opposition	-5984 Dec 07 j 13:38	3°♉52'30	-0°30'38
min. Earth dist.	-5984 Dec 08 j 10:09	3°♉51'04	29.13793 AU
direct	-5983 Feb 26 j 02:14	2°♉27'03	
evening set	-5983 May 28 j 06:16	4°♉23'40	
max. Earth dist.	-5983 Jun 12 j 10:46	4°♉57'12	31.14369 AU
conjunction	-5983 Jun 13 j 09:20	4°♉59'18	-0°25'58
minimum elong	-5983 Jun 13 j 09:20	4°♉59'18	0°25'46
morning rise	-5983 Jun 29 j 08:28	5°♉34'37	
retrograde	-5983 Sep 24 j 00:51	7°♉26'44	
opposition	-5983 Dec 10 j 00:09	6°♉04'30	-0°24'55
min. Earth dist.	-5983 Dec 10 j 21:08	6°♉03'02	29.14996 AU
direct	-5982 Feb 28 j 15:24	4°♉39'07	
evening set	-5982 May 30 j 19:02	6°♉35'46	
conjunction	-5982 Jun 15 j 21:29	7°♉11'22	-0°20'36
minimum elong	-5982 Jun 15 j 21:29	7°♉11'22	0°20'25
max. Earth dist.	-5982 Jun 14 j 21:27	7°♉09'09	31.15565 AU
morning rise	-5982 Jul 01 j 20:13	7°♉46'40	
retrograde	-5982 Sep 26 j 12:05	9°♉38'44	
opposition	-5982 Dec 12 j 10:50	8°♉16'36	-0°19'10
min. Earth dist.	-5982 Dec 13 j 07:59	8°♉15'07	29.16172 AU
direct	-5981 Mar 03 j 02:17	6°♉51'15	
evening set	-5981 Jun 02 j 07:26	8°♉47'56	
max. Earth dist.	-5981 Jun 17 j 10:06	9°♉21'20	31.16691 AU
conjunction	-5981 Jun 18 j 09:34	9°♉23'31	-0°15'13
minimum elong	-5981 Jun 18 j 09:34	9°♉23'31	0°14'59
behind sun begin	-5981 Jun 18 j 07:19	9°♉23'19	
behind sun end	-5981 Jun 18 j 11:50	9°♉23'43	
morning rise	-5981 Jul 04 j 07:37	9°♉58'46	
retrograde	-5981 Sep 28 j 20:14	11°♉50'47	
opposition	-5981 Dec 14 j 21:41	10°♉28'44	-0°13'23
min. Earth dist.	-5981 Dec 15 j 20:01	10°♉27'11	29.17242 AU
direct	-5980 Mar 04 j 14:35	9°♉03'27	
evening set	-5980 Jun 03 j 20:06	11°♉00'08	
conjunction	-5980 Jun 19 j 21:34	11°♉35'40	-0°09'49
minimum elong	-5980 Jun 19 j 21:34	11°♉35'41	0°09'36
behind sun begin	-5980 Jun 19 j 16:11	11°♉35'12	
behind sun end	-5980 Jun 20 j 02:58	11°♉36'09	
max. Earth dist.	-5980 Jun 18 j 20:24	11°♉33'20	31.17706 AU
morning rise	-5980 Jul 05 j 19:15	12°♉10'54	
retrograde	-5980 Sep 30 j 06:58	14°♉02'51	
opposition	-5980 Dec 16 j 08:17	12°♉40'52	-0°07'35
min. Earth dist.	-5980 Dec 17 j 06:25	12°♉39'19	29.18194 AU
direct	-5979 Mar 07 j 01:48	11°♉15'35	
evening set	-5979 Jun 06 j 08:36	13°♉12'16	
max. Earth dist.	-5979 Jun 21 j 08:45	13°♉45'28	31.18582 AU
conjunction	-5979 Jun 22 j 09:42	13°♉47'47	-0°04'24
minimum elong	-5979 Jun 22 j 09:42	13°♉47'47	0°04'10
behind sun begin	-5979 Jun 22 j 03:16	13°♉47'13	
behind sun end	-5979 Jun 22 j 16:08	13°♉48'21	
morning rise	-5979 Jul 08 j 06:40	14°♉22'58	
	-5979 Jul 26 j 01:54	15°♉	
retrograde	-5979 Oct 02 j 15:58	16°♉14'52	
	-5979 Dec 14 j 12:36	15°℞♉	
opposition	-5979 Dec 18 j 19:13	14°♉52'54	-0°01'47
min. Earth dist.	-5979 Dec 19 j 18:57	14°♉51'16	29.19006 AU
direct	-5978 Mar 09 j 12:17	13°♉27'38	
asc. node	-5978 Apr 10 j 20:34	13°♉44'12	
	-5978 May 28 j 09:21	15°♉	
evening set	-5978 Jun 08 j 21:01	15°♉24'18	
conjunction	-5978 Jun 24 j 21:26	15°♉59'46	0°01'08
minimum elong	-5978 Jun 24 j 21:27	15°♉59'46	0°01'23
behind sun begin	-5978 Jun 24 j 14:56	15°♉59'11	
behind sun end	-5978 Jun 25 j 03:58	16°♉00'21	
max. Earth dist.	-5978 Jun 23 j 19:30	15°♉57'21	31.19338 AU
morning rise	-5978 Jul 10 j 17:58	16°♉34'55	

Attention, astronomical year style is used: The year -5978 in astronomical counting style is the year 5979 BCE in historical counting style.

retrograde	-5978 Oct 05 j 02:38	18°♉26'44	
opposition	-5978 Dec 21 j 06:01	17°♉04'48	0°04'01
min. Earth dist.	-5978 Dec 22 j 05:11	17°♉03'12	29.19702 AU
direct	-5977 Mar 12 j 02:16	15°♉39'31	
evening set	-5977 Jun 11 j 09:14	17°♉36'10	
max. Earth dist.	-5977 Jun 26 j 07:05	18°♉09'10	31.19986 AU
conjunction	-5977 Jun 27 j 09:12	18°♉11'35	0°06'34
minimum elong	-5977 Jun 27 j 09:11	18°♉11'35	0°06'50
behind sun begin	-5977 Jun 27 j 03:08	18°♉11'03	
behind sun end	-5977 Jun 27 j 15:15	18°♉12'08	
morning rise	-5977 Jul 13 j 05:03	18°♉46'41	
retrograde	-5977 Oct 07 j 13:00	20°♉38'27	
opposition	-5977 Dec 23 j 16:54	19°♉16'30	0°09'48
min. Earth dist.	-5977 Dec 24 j 17:15	19°♉14'49	29.20329 AU
direct	-5976 Mar 13 j 14:06	17°♉51'12	
evening set	-5976 Jun 12 j 21:13	19°♉47'48	
conjunction	-5976 Jun 28 j 20:38	20°♉23'11	0°11'57
minimum elong	-5976 Jun 28 j 20:39	20°♉23'11	0°12'13
behind sun begin	-5976 Jun 28 j 16:18	20°♉22'48	
behind sun end	-5976 Jun 29 j 00:59	20°♉23'34	
max. Earth dist.	-5976 Jun 27 j 18:30	20°♉20'45	31.20593 AU
morning rise	-5976 Jul 14 j 15:59	20°♉58'14	
retrograde	-5976 Oct 08 j 23:03	22°♉49'56	
opposition	-5976 Dec 25 j 03:42	21°♉27'59	0°15'34
min. Earth dist.	-5976 Dec 26 j 03:36	21°♉26'20	29.20914 AU
direct	-5975 Mar 16 j 03:54	20°♉02'39	
evening set	-5975 Jun 15 j 09:14	21°♉59'14	
max. Earth dist.	-5975 Jun 30 j 05:13	22°♉32'04	31.21178 AU
conjunction	-5975 Jul 01 j 07:59	22°♉34'33	0°17'20
minimum elong	-5975 Jul 01 j 07:59	22°♉34'33	0°17'37
morning rise	-5975 Jul 17 j 02:44	23°♉09'33	
retrograde	-5975 Oct 11 j 09:51	25°♉01'12	
opposition	-5975 Dec 27 j 14:34	23°♉39'15	0°21'18
min. Earth dist.	-5975 Dec 28 j 14:53	23°♉37'34	29.21531 AU
direct	-5974 Mar 18 j 15:44	22°♉13'54	
evening set	-5974 Jun 17 j 21:02	24°♉10'27	
conjunction	-5974 Jul 03 j 19:16	24°♉45'44	0°22'40
minimum elong	-5974 Jul 03 j 19:16	24°♉45'44	0°22'57
max. Earth dist.	-5974 Jul 02 j 17:32	24°♉43'20	31.21822 AU
morning rise	-5974 Jul 19 j 13:18	25°♉20'40	
retrograde	-5974 Oct 13 j 19:49	27°♉12'16	
opposition	-5974 Dec 30 j 01:35	25°♉50'19	0°27'00
min. Earth dist.	-5974 Dec 31 j 01:46	25°♉48'39	29.22211 AU
direct	-5973 Mar 21 j 06:05	24°♉25'00	
evening set	-5973 Jun 20 j 08:41	26°♉21'30	
max. Earth dist.	-5973 Jul 05 j 03:39	26°♉54'17	31.22551 AU
conjunction	-5973 Jul 06 j 06:09	26°♉56'44	0°27'59
minimum elong	-5973 Jul 06 j 06:09	26°♉56'44	0°28'17
morning rise	-5973 Jul 21 j 23:42	27°♉31'38	
retrograde	-5973 Oct 16 j 06:21	29°♉23'12	
opposition	-5972 Jan 01 j 12:30	28°♉01'17	0°32'40
min. Earth dist.	-5972 Jan 02 j 12:05	27°♉59'40	29.22999 AU
direct	-5972 Mar 22 j 17:31	26°♉35'59	
evening set	-5972 Jun 21 j 20:15	28°♉32'29	
conjunction	-5972 Jul 07 j 17:16	29°♉07'41	0°33'16
minimum elong	-5972 Jul 07 j 17:15	29°♉07'41	0°33'33
max. Earth dist.	-5972 Jul 06 j 16:01	29°♉05'20	31.23379 AU
morning rise	-5972 Jul 23 j 10:02	29°♉42'32	
	-5972 Jul 31 j 13:40	0°♊	
retrograde	-5972 Oct 17 j 14:22	1°♊34'05	
opposition	-5971 Jan 02 j 23:26	0°♊12'13	0°38'16
min. Earth dist.	-5971 Jan 03 j 23:37	0°♊10'33	29.23861 AU
	-5971 Jan 10 j 09:24	30°℞♉	
direct	-5971 Mar 25 j 05:51	28°♉46'58	
	-5971 Jun 03 j 05:08	0°♊	
evening set	-5971 Jun 24 j 07:57	0°♊43'28	
max. Earth dist.	-5971 Jul 09 j 01:59	1°♊16'11	31.24274 AU
conjunction	-5971 Jul 10 j 04:09	1°♊18'37	0°38'29
minimum elong	-5971 Jul 10 j 04:09	1°♊18'37	0°38'48
morning rise	-5971 Jul 25 j 20:27	1°♊53'26	
retrograde	-5971 Oct 20 j 01:07	3°♊44'59	
opposition	-5970 Jan 05 j 10:27	2°♊23'11	0°43'50
min. Earth dist.	-5970 Jan 06 j 09:44	2°♊21'35	29.24771 AU
direct	-5970 Mar 27 j 16:59	0°♊57'59	
evening set	-5970 Jun 26 j 19:23	2°♊54'30	
conjunction	-5970 Jul 12 j 15:02	3°♊29'36	0°43'39
minimum elong	-5970 Jul 12 j 15:01	3°♊29'36	0°43'58
max. Earth dist.	-5970 Jul 11 j 13:49	3°♊27'15	31.25172 AU
morning rise	-5970 Jul 28 j 06:31	4°♊04'23	
retrograde	-5970 Oct 22 j 10:06	5°♊55'57	
opposition	-5969 Jan 07 j 21:45	4°♊34'13	0°49'19
min. Earth dist.	-5969 Jan 08 j 22:08	4°♊32'32	29.25660 AU
direct	-5969 Mar 30 j 03:26	3°♊09'05	
evening set	-5969 Jun 29 j 06:55	5°♊05'35	
max. Earth dist.	-5969 Jul 14 j 00:05	5°♊38'15	31.26030 AU
conjunction	-5969 Jul 15 j 01:47	5°♊40'39	0°48'46
minimum elong	-5969 Jul 15 j 01:47	5°♊40'39	0°49'06
morning rise	-5969 Jul 30 j 16:45	6°♊15'23	
retrograde	-5969 Oct 24 j 20:32	8°♊06'59	
opposition	-5968 Jan 10 j 08:52	6°♊45'17	0°54'45
min. Earth dist.	-5968 Jan 11 j 08:24	6°♊43'40	29.26477 AU
direct	-5968 Mar 31 j 16:04	5°♊20'13	
evening set	-5968 Jun 30 j 18:19	7°♊16'43	
max. Earth dist.	-5968 Jul 15 j 10:53	7°♊49'20	31.26780 AU
conjunction	-5968 Jul 16 j 12:34	7°♊51'44	0°53'48
minimum elong	-5968 Jul 16 j 12:34	7°♊51'44	0°54'08
morning rise	-5968 Aug 01 j 02:49	8°♊26'26	
retrograde	-5968 Oct 26 j 07:07	10°♊18'04	
opposition	-5967 Jan 11 j 20:18	8°♊56'23	1°00'05
min. Earth dist.	-5967 Jan 12 j 20:49	8°♊54'42	29.27175 AU
direct	-5967 Apr 03 j 02:48	7°♊31'21	
evening set	-5967 Jul 03 j 05:42	9°♊27'52	
conjunction	-5967 Jul 18 j 23:16	10°♊02'50	0°58'46
minimum elong	-5967 Jul 18 j 23:15	10°♊02'50	0°59'07
max. Earth dist.	-5967 Jul 17 j 21:40	10°♊00'26	31.27404 AU
morning rise	-5967 Aug 03 j 12:51	10°♊37'28	
retrograde	-5967 Oct 28 j 17:16	12°♊29'08	
opposition	-5966 Jan 14 j 07:41	11°♊07'29	1°05'20
min. Earth dist.	-5966 Jan 15 j 07:43	11°♊05'50	29.27722 AU
direct	-5966 Apr 05 j 15:56	9°♊42'29	
evening set	-5966 Jul 05 j 17:05	11°♊38'58	
max. Earth dist.	-5966 Jul 20 j 07:34	12°♊11'25	31.27877 AU
conjunction	-5966 Jul 21 j 09:52	12°♊13'53	1°03'38
minimum elong	-5966 Jul 21 j 09:52	12°♊13'53	1°03'58
morning rise	-5966 Aug 05 j 22:51	12°♊48'29	
retrograde	-5966 Oct 31 j 04:42	14°♊40'10	
opposition	-5965 Jan 16 j 19:14	13°♊18'30	1°10'30
min. Earth dist.	-5965 Jan 17 j 19:38	13°♊16'50	29.28146 AU
direct	-5965 Apr 08 j 03:39	11°♊53'32	
evening set	-5965 Jul 08 j 04:04	13°♊49'59	
conjunction	-5965 Jul 23 j 20:18	14°♊24'51	1°08'24

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

minimum elong	-5965 Jul 23 j 20:18	14°♊24'51	1°08'46	
max. Earth dist.	-5965 Jul 22 j 19:00	14°♊22'29	31.28233 AU	
morning rise	-5965 Aug 08 j 08:33	14°♊59'24		
retrograde	-5965 Nov 02 j 14:46	16°♊51'05		
opposition	-5964 Jan 19 j 06:43	15°♊29'26	1°15'33	
min. Earth dist.	-5964 Jan 20 j 07:12	15°♊27'45	29.28443 AU	
direct	-5964 Apr 09 j 18:06	14°♊04'27		
evening set	-5964 Jul 09 j 15:12	16°♊00'52		
max. Earth dist.	-5964 Jul 24 j 04:23	16°♊33'14	31.28486 AU	
conjunction	-5964 Jul 25 j 06:35	16°♊35'41	1°13'04	
minimum elong	-5964 Jul 25 j 06:35	16°♊35'41	1°13'25	
morning rise	-5964 Aug 09 j 18:21	17°♊10'11		
retrograde	-5964 Nov 04 j 01:28	19°♊01'54		
opposition	-5963 Jan 20 j 18:01	17°♊40'12	1°20'29	
min. Earth dist.	-5963 Jan 21 j 17:57	17°♊38'34	29.28676 AU	
direct	-5963 Apr 12 j 05:45	16°♊15'14		
evening set	-5963 Jul 12 j 02:02	18°♊11'36		
conjunction	-5963 Jul 27 j 16:53	18°♊46'22	1°17'38	
minimum elong	-5963 Jul 27 j 16:53	18°♊46'22	1°18'00	
max. Earth dist.	-5963 Jul 26 j 16:05	18°♊44'03	31.28693 AU	
morning rise	-5963 Aug 12 j 03:50	19°♊20'49		
retrograde	-5963 Nov 06 j 09:26	21°♊12'32		
opposition	-5962 Jan 23 j 05:40	19°♊50'50	1°25'18	
min. Earth dist.	-5962 Jan 24 j 05:57	19°♊49'10	29.28885 AU	
direct	-5962 Apr 14 j 18:56	18°♊25'52		
evening set	-5962 Jul 14 j 12:46	20°♊22'10		
max. Earth dist.	-5962 Jul 29 j 01:31	20°♊54'32	31.28916 AU	
conjunction	-5962 Jul 30 j 02:44	20°♊56'53	1°22'05	
minimum elong	-5962 Jul 30 j 02:43	20°♊56'53	1°22'26	
morning rise	-5962 Aug 14 j 13:12	21°♊31'18		
retrograde	-5962 Nov 08 j 19:53	23°♊23'03		
opposition	-5961 Jan 25 j 17:11	22°♊01'18	1°29'59	
min. Earth dist.	-5961 Jan 26 j 16:00	21°♊59'45	29.29145 AU	
direct	-5961 Apr 17 j 06:46	20°♊36'21		
evening set	-5961 Jul 16 j 23:19	22°♊32'37		
conjunction	-5961 Aug 01 j 12:44	23°♊07'17	1°26'25	
minimum elong	-5961 Aug 01 j 12:44	23°♊07'17	1°26'47	
max. Earth dist.	-5961 Jul 31 j 12:54	23°♊05'03	31.29205 AU	
morning rise	-5961 Aug 16 j 22:26	23°♊41'39		
retrograde	-5961 Nov 11 j 04:27	25°♊33'27		
opposition	-5960 Jan 28 j 04:45	24°♊11'42	1°34'33	
min. Earth dist.	-5960 Jan 29 j 04:03	24°♊10'07	29.29494 AU	
direct	-5960 Apr 18 j 17:34	22°♊46'47		
evening set	-5960 Jul 18 j 09:53	24°♊43'01		
conjunction	-5960 Aug 02 j 22:32	25°♊17'38	1°30'37	
minimum elong	-5960 Aug 02 j 22:32	25°♊17'38	1°30'59	
max. Earth dist.	-5960 Aug 01 j 22:59	25°♊15'25	31.29604 AU	
morning rise	-5960 Aug 18 j 07:44	25°♊51'58		
retrograde	-5960 Nov 12 j 14:04	27°♊43'49		
opposition	-5959 Jan 29 j 16:18	26°♊22'05	1°38'58	
min. Earth dist.	-5959 Jan 30 j 13:57	26°♊20'36	29.29936 AU	
direct	-5959 Apr 21 j 05:38	24°♊57'13		
evening set	-5959 Jul 20 j 20:19	26°♊53'25		
max. Earth dist.	-5959 Aug 04 j 09:26	27°♊25'51	31.30078 AU	
conjunction	-5959 Aug 05 j 08:18	27°♊28'00	1°34'41	
minimum elong	-5959 Aug 05 j 08:18	27°♊28'00	1°35'04	
morning rise	-5959 Aug 20 j 16:50	28°♊02'17		
retrograde	-5959 Nov 15 j 00:23	29°♊54'14		
opposition	-5958 Feb 01 j 04:05	28°♊32'30	1°43'15	
min. Earth dist.	-5958 Feb 02 j 01:58	28°♊31'01	29.30455 AU	
direct	-5958 Apr 23 j 15:00	27°♊07'42		
evening set	-5958 Jul 23 j 06:44	29°♊03'54		
conjunction	-5958 Aug 07 j 18:03	29°♊38'26	1°38'38	
minimum elong	-5958 Aug 07 j 18:03	29°♊38'26	1°39'00	
max. Earth dist.	-5958 Aug 06 j 20:09	29°♊36'22	31.30617 AU	
	-5958 Aug 17 j 08:33	0°♋		
morning rise	-5958 Aug 23 j 01:58	0°♋12'41		
retrograde	-5958 Nov 17 j 10:36	2°♋04'43		
opposition	-5957 Feb 03 j 15:53	0°♋43'00	1°47'23	
min. Earth dist.	-5957 Feb 04 j 12:40	0°♋41'36	29.30996 AU	
	-5957 Mar 03 j 07:43	30°℞♊		
direct	-5957 Apr 26 j 03:01	29°♊18'17		
	-5957 Jun 16 j 22:33	0°♋		
evening set	-5957 Jul 25 j 17:02	1°♋14'28		
max. Earth dist.	-5957 Aug 09 j 05:32	1°♋46'52	31.31143 AU	
conjunction	-5957 Aug 10 j 03:37	1°♋48'56	1°42'26	
minimum elong	-5957 Aug 10 j 03:37	1°♋48'56	1°42'49	
morning rise	-5957 Aug 25 j 11:03	2°♋23'10		
retrograde	-5957 Nov 19 j 22:35	4°♋15'17		
opposition	-5956 Feb 06 j 03:46	2°♋53'35	1°51'22	
min. Earth dist.	-5956 Feb 07 j 00:29	2°♋52'11	29.31514 AU	
direct	-5956 Apr 27 j 14:07	1°♋28'57		
evening set	-5956 Jul 27 j 03:21	3°♋25'06		
conjunction	-5956 Aug 11 j 13:23	3°♋59'32	1°46'05	
minimum elong	-5956 Aug 11 j 13:23	3°♋59'32	1°46'27	
max. Earth dist.	-5956 Aug 10 j 16:39	3°♋57'36	31.31613 AU	
morning rise	-5956 Aug 26 j 20:06	4°♋33'43		
retrograde	-5956 Nov 21 j 09:09	6°♋25'56		
opposition	-5955 Feb 07 j 15:40	5°♋04'15	1°55'11	
min. Earth dist.	-5955 Feb 08 j 12:15	5°♋02'51	29.31934 AU	
direct	-5955 Apr 30 j 03:33	3°♋39'40		
evening set	-5955 Jul 29 j 13:49	5°♋35'47		
conjunction	-5955 Aug 13 j 23:02	6°♋10'11	1°49'35	
minimum elong	-5955 Aug 13 j 23:01	6°♋10'11	1°49'58	
max. Earth dist.	-5955 Aug 13 j 01:36	6°♋08'10	31.31976 AU	
morning rise	-5955 Aug 29 j 05:19	6°♋44'19		
retrograde	-5955 Nov 23 j 20:38	8°♋36'37		
opposition	-5954 Feb 10 j 03:45	7°♋14'55	1°58'51	
min. Earth dist.	-5954 Feb 10 j 23:30	7°♋13'35	29.32248 AU	
direct	-5954 May 02 j 14:35	5°♋50'23		
evening set	-5954 Jul 31 j 23:55	7°♋46'28		
conjunction	-5954 Aug 16 j 08:40	8°♋20'49	1°52'56	
minimum elong	-5954 Aug 16 j 08:39	8°♋20'49	1°53'17	
max. Earth dist.	-5954 Aug 15 j 12:37	8°♋18'56	31.32209 AU	
morning rise	-5954 Aug 31 j 14:15	8°♋54'55		
retrograde	-5954 Nov 26 j 05:49	10°♋47'18		
opposition	-5953 Feb 12 j 16:00	9°♋25'35	2°02'20	
min. Earth dist.	-5953 Feb 13 j 12:09	9°♋24'13	29.32417 AU	
direct	-5953 May 05 j 04:12	8°♋01'05		
evening set	-5953 Aug 03 j 10:13	9°♋57'06		
conjunction	-5953 Aug 18 j 18:12	10°♋31'24	1°56'07	
minimum elong	-5953 Aug 18 j 18:12	10°♋31'24	1°56'29	
max. Earth dist.	-5953 Aug 17 j 21:36	10°♋29'28	31.32312 AU	
morning rise	-5953 Sep 02 j 23:27	11°♋05'28		
retrograde	-5953 Nov 28 j 17:05	12°♋57'55		
opposition	-5952 Feb 15 j 03:56	11°♋36'10	2°05'39	
min. Earth dist.	-5952 Feb 15 j 22:50	11°♋34'53	29.32461 AU	
direct	-5952 May 06 j 16:39	10°♋11'40		
evening set	-5952 Aug 04 j 20:15	12°♋07'38		
max. Earth dist.	-5952 Aug 19 j 08:11	12°♋40'03	31.32287 AU	
conjunction	-5952 Aug 20 j 03:46	12°♋41'54	1°59'08	

Attention, astronomical year style is used: The year -5952 in astronomical counting style is the year 5953 BCE in historical counting style.

minimum elong	-5952 Aug 20 j 03:46	12°♋41'54	1°59'29
morning rise	-5952 Sep 04 j 08:24	13°♋15'56	
retrograde	-5952 Nov 30 j 01:58	15°♋08'27	
opposition	-5951 Feb 16 j 16:12	13°♋46'38	2°08'47
min. Earth dist.	-5951 Feb 17 j 11:43	13°♋45'18	29.32393 AU
direct	-5951 May 09 j 04:22	12°♋22'09	
evening set	-5951 Aug 07 j 06:09	14°♋18'02	
conjunction	-5951 Aug 22 j 13:02	14°♋52'15	2°01'58
minimum elong	-5951 Aug 22 j 13:01	14°♋52'15	2°02'21
max. Earth dist.	-5951 Aug 21 j 17:53	14°♋50'27	31.32184 AU
morning rise	-5951 Sep 06 j 17:16	15°♋26'15	
retrograde	-5951 Dec 02 j 11:24	17°♋18'50	
opposition	-5950 Feb 19 j 04:24	15°♋56'57	2°11'44
min. Earth dist.	-5950 Feb 19 j 22:15	15°♋55'45	29.32267 AU
direct	-5950 May 11 j 16:46	14°♋32'29	
evening set	-5950 Aug 09 j 15:58	16°♋28'17	
conjunction	-5950 Aug 24 j 22:17	17°♋02'28	2°04'39
minimum elong	-5950 Aug 24 j 22:16	17°♋02'28	2°05'01
max. Earth dist.	-5950 Aug 24 j 03:49	17°♋00'43	31.32045 AU
morning rise	-5950 Sep 09 j 02:03	17°♋36'26	
retrograde	-5950 Dec 04 j 21:36	19°♋29'06	
opposition	-5949 Feb 21 j 16:43	18°♋07'09	2°14'30
min. Earth dist.	-5949 Feb 22 j 10:33	18°♋05'57	29.32155 AU
direct	-5949 May 14 j 02:30	16°♋42'43	
evening set	-5949 Aug 12 j 01:32	18°♋38'25	
conjunction	-5949 Aug 27 j 07:23	19°♋12'34	2°07'09
minimum elong	-5949 Aug 27 j 07:22	19°♋12'34	2°07'31
max. Earth dist.	-5949 Aug 26 j 14:20	19°♋10'57	31.31952 AU
morning rise	-5949 Sep 11 j 10:42	19°♋46'30	
retrograde	-5949 Dec 07 j 07:26	21°♋39'16	
opposition	-5948 Feb 24 j 04:57	20°♋17'17	2°17'05
min. Earth dist.	-5948 Feb 24 j 21:14	20°♋16'11	29.32090 AU
direct	-5948 May 15 j 14:42	18°♋52'53	
evening set	-5948 Aug 13 j 11:14	20°♋48'32	
conjunction	-5948 Aug 28 j 16:26	21°♋22'38	2°09'28
minimum elong	-5948 Aug 28 j 16:26	21°♋22'38	2°09'48
max. Earth dist.	-5948 Aug 27 j 23:31	21°♋21'02	31.31923 AU
morning rise	-5948 Sep 12 j 19:26	21°♋56'33	
retrograde	-5948 Dec 08 j 19:21	23°♋49'26	
opposition	-5947 Feb 25 j 17:11	22°♋27'25	2°19'27
min. Earth dist.	-5947 Feb 26 j 08:46	22°♋26'22	29.32119 AU
direct	-5947 May 18 j 01:01	21°♋03'04	
evening set	-5947 Aug 15 j 20:45	22°♋58'40	
max. Earth dist.	-5947 Aug 30 j 10:43	23°♋31'21	31.31991 AU
conjunction	-5947 Aug 31 j 01:36	23°♋32'45	2°11'35
minimum elong	-5947 Aug 31 j 01:36	23°♋32'45	2°11'57
morning rise	-5947 Sep 15 j 04:04	24°♋06'38	
retrograde	-5947 Dec 11 j 06:10	25°♋59'39	
opposition	-5946 Feb 28 j 05:39	24°♋37'37	2°21'38
min. Earth dist.	-5946 Feb 28 j 20:22	24°♋36'38	29.32220 AU
direct	-5946 May 20 j 13:23	23°♋13'22	
evening set	-5946 Aug 18 j 06:15	25°♋08'56	
conjunction	-5946 Sep 02 j 10:28	25°♋42'59	2°13'32
minimum elong	-5946 Sep 02 j 10:28	25°♋42'59	2°13'52
max. Earth dist.	-5946 Sep 01 j 19:34	25°♋41'35	31.32126 AU
morning rise	-5946 Sep 17 j 12:46	26°♋16'52	
retrograde	-5946 Dec 13 j 18:17	28°♋10'01	
opposition	-5945 Mar 02 j 18:06	26°♋47'59	2°23'36
min. Earth dist.	-5945 Mar 03 j 07:24	26°♋47'06	29.32378 AU
direct	-5945 May 22 j 23:31	25°♋23'50	
evening set	-5945 Aug 20 j 15:41	27°♋19'22	

conjunction	-5945 Sep 04 j 19:37	27°♋53'23	2°15'17
minimum elong	-5945 Sep 04 j 19:37	27°♋53'23	2°15'38
max. Earth dist.	-5945 Sep 04 j 06:32	27°♋52'09	31.32277 AU
morning rise	-5945 Sep 19 j 21:27	28°♋27'15	
	-5945 Nov 11 j 01:56	0°♌	
retrograde	-5945 Dec 16 j 04:22	0°♌20'33	
	-5944 Jan 21 j 08:35	30°℞♋	
opposition	-5944 Mar 04 j 06:32	28°♋58'32	2°25'22
min. Earth dist.	-5944 Mar 04 j 19:54	28°♋57'38	29.32519 AU
direct	-5944 May 24 j 12:35	27°♋34'28	
evening set	-5944 Aug 22 j 01:17	29°♋29'59	
	-5944 Sep 04 j 10:32	0°♌	
conjunction	-5944 Sep 06 j 04:39	0°♌03'59	2°16'50
minimum elong	-5944 Sep 06 j 04:39	0°♌03'58	2°17'10
max. Earth dist.	-5944 Sep 05 j 15:29	0°♌02'44	31.32397 AU
morning rise	-5944 Sep 21 j 06:20	0°♌37'50	
retrograde	-5944 Dec 17 j 16:54	2°♌31'16	
opposition	-5943 Mar 06 j 19:06	1°♌09'15	2°26'56
min. Earth dist.	-5943 Mar 07 j 06:51	1°♌08'27	29.32602 AU
	-5943 Apr 26 j 02:04	30°℞♋	
direct	-5943 May 27 j 00:51	29°♋45'16	
	-5943 Jun 26 j 03:41	0°♌	
evening set	-5943 Aug 24 j 10:42	1°♌40'44	
conjunction	-5943 Sep 08 j 13:45	2°♌14'43	2°18'12
minimum elong	-5943 Sep 08 j 13:45	2°♌14'43	2°18'33
max. Earth dist.	-5943 Sep 08 j 01:45	2°♌13'35	31.32419 AU
morning rise	-5943 Sep 23 j 15:02	2°♌48'34	
retrograde	-5943 Dec 20 j 02:41	4°♌42'09	
opposition	-5942 Mar 09 j 08:00	3°♌20'06	2°28'17
min. Earth dist.	-5942 Mar 09 j 20:11	3°♌19'17	29.32574 AU
direct	-5942 May 29 j 12:24	1°♌56'13	
evening set	-5942 Aug 26 j 20:15	3°♌51'37	
conjunction	-5942 Sep 10 j 22:54	4°♌25'34	2°19'22
minimum elong	-5942 Sep 10 j 22:54	4°♌25'34	2°19'41
max. Earth dist.	-5942 Sep 10 j 11:26	4°♌24'29	31.32327 AU
morning rise	-5942 Sep 25 j 23:59	4°♌59'24	
retrograde	-5942 Dec 22 j 12:36	6°♌53'08	
opposition	-5941 Mar 11 j 20:40	5°♌31'03	2°29'25
min. Earth dist.	-5941 Mar 12 j 07:16	5°♌30'21	29.32407 AU
direct	-5941 Jun 01 j 00:41	4°♌07'13	
evening set	-5941 Aug 29 j 05:42	6°♌02'33	
conjunction	-5941 Sep 13 j 08:01	6°♌36'29	2°20'20
minimum elong	-5941 Sep 13 j 08:01	6°♌36'29	2°20'39
max. Earth dist.	-5941 Sep 12 j 20:47	6°♌35'26	31.32076 AU
morning rise	-5941 Sep 28 j 08:57	7°♌10'19	
retrograde	-5941 Dec 24 j 23:17	9°♌04'10	
opposition	-5940 Mar 13 j 09:33	7°♌42'02	2°30'21
min. Earth dist.	-5940 Mar 13 j 20:23	7°♌41'18	29.32086 AU
direct	-5940 Jun 02 j 10:41	6°♌18'14	
evening set	-5940 Aug 30 j 15:04	8°♌13'28	
conjunction	-5940 Sep 14 j 17:09	8°♌47'23	2°21'06
minimum elong	-5940 Sep 14 j 17:09	8°♌47'23	2°21'24
max. Earth dist.	-5940 Sep 14 j 07:06	8°♌46'26	31.31677 AU
morning rise	-5940 Sep 29 j 17:49	9°♌21'13	
retrograde	-5940 Dec 26 j 09:21	11°♌15'10	
opposition	-5939 Mar 15 j 22:17	9°♌52'58	2°31'04
min. Earth dist.	-5939 Mar 16 j 07:52	9°♌52'19	29.31606 AU
direct	-5939 Jun 04 j 23:20	8°♌29'10	
evening set	-5939 Sep 02 j 00:28	10°♌24'19	
conjunction	-5939 Sep 17 j 02:08	10°♌58'13	2°21'40
minimum elong	-5939 Sep 17 j 02:09	10°♌58'13	2°21'59

Attention, astronomical year style is used: The year -5939 in astronomical counting style is the year 5940 BCE in historical counting style.

max. Earth dist.	-5939 Sep 16 j 15:56	10°♌57'15	31.31144 AU
morning rise	-5939 Oct 02 j 02:49	11°♌32'02	
retrograde	-5939 Dec 28 j 21:18	13°♌26'05	
opposition	-5938 Mar 18 j 11:12	12°♌03'47	2°31'34
min. Earth dist.	-5938 Mar 18 j 20:17	12°♌03'10	29.31036 AU
direct	-5938 Jun 07 j 09:31	10°♌40'00	
evening set	-5938 Sep 04 j 09:29	12°♌35'01	
conjunction	-5938 Sep 19 j 11:06	13°♌08'55	2°22'02
minimum elong	-5938 Sep 19 j 11:06	13°♌08'55	2°22'19
max. Earth dist.	-5938 Sep 19 j 02:53	13°♌08'08	31.30539 AU
morning rise	-5938 Oct 04 j 11:31	13°♌42'43	
	-5938 Nov 13 j 19:48	15°♌	
retrograde	-5938 Dec 31 j 07:44	15°♌36'53	
	-5937 Feb 19 j 03:26	15°℞♌	
opposition	-5937 Mar 21 j 00:04	14°♌14'28	2°31'51
min. Earth dist.	-5937 Mar 21 j 08:21	14°♌13'55	29.30409 AU
direct	-5937 Jun 09 j 21:24	12°♌50'42	
evening set	-5937 Sep 06 j 18:40	14°♌45'36	
	-5937 Sep 13 j 05:28	15°♌	
conjunction	-5937 Sep 21 j 19:55	15°♌19'28	2°22'12
minimum elong	-5937 Sep 21 j 19:55	15°♌19'28	2°22'29
max. Earth dist.	-5937 Sep 21 j 11:41	15°♌18'42	31.29918 AU
morning rise	-5937 Oct 06 j 20:26	15°♌53'17	
retrograde	-5936 Jan 02 j 19:48	17°♌47'32	
opposition	-5936 Mar 22 j 12:41	16°♌25'02	2°31'55
min. Earth dist.	-5936 Mar 22 j 19:26	16°♌24'35	29.29810 AU
direct	-5936 Jun 11 j 07:40	15°♌01'16	
evening set	-5936 Sep 08 j 03:41	16°♌56'04	
conjunction	-5936 Sep 23 j 04:52	17°♌29'56	2°22'10
minimum elong	-5936 Sep 23 j 04:53	17°♌29'56	2°22'25
max. Earth dist.	-5936 Sep 22 j 22:38	17°♌29'20	31.29339 AU
morning rise	-5936 Oct 08 j 05:11	18°♌03'44	
retrograde	-5935 Jan 04 j 06:33	19°♌58'06	
opposition	-5935 Mar 25 j 01:37	18°♌35'31	2°31'47
min. Earth dist.	-5935 Mar 25 j 07:53	18°♌35'06	29.29268 AU
direct	-5935 Jun 13 j 20:38	17°♌11'47	
evening set	-5935 Sep 10 j 12:38	19°♌06'30	
conjunction	-5935 Sep 25 j 13:34	19°♌40'21	2°21'55
minimum elong	-5935 Sep 25 j 13:34	19°♌40'21	2°22'11
max. Earth dist.	-5935 Sep 25 j 07:51	19°♌39'49	31.28849 AU
morning rise	-5935 Oct 10 j 13:59	20°♌14'10	
retrograde	-5934 Jan 06 j 19:23	22°♌08'39	
opposition	-5934 Mar 27 j 14:28	20°♌46'00	2°31'25
min. Earth dist.	-5934 Mar 27 j 18:32	20°♌45'44	29.28817 AU
direct	-5934 Jun 16 j 08:32	19°♌22'19	
evening set	-5934 Sep 12 j 21:35	21°♌16'58	
conjunction	-5934 Sep 27 j 22:28	21°♌50'49	2°21'28
minimum elong	-5934 Sep 27 j 22:29	21°♌50'49	2°21'43
max. Earth dist.	-5934 Sep 27 j 18:15	21°♌50'25	31.28433 AU
morning rise	-5934 Oct 12 j 22:52	22°♌24'38	
retrograde	-5933 Jan 09 j 05:39	24°♌19'16	
opposition	-5933 Mar 30 j 03:24	22°♌56'34	2°30'50
min. Earth dist.	-5933 Mar 30 j 07:26	22°♌56'18	29.28436 AU
direct	-5933 Jun 18 j 19:38	21°♌32'57	
evening set	-5933 Sep 15 j 06:30	23°♌27'31	
conjunction	-5933 Sep 30 j 07:20	24°♌01'23	2°20'49
minimum elong	-5933 Sep 30 j 07:21	24°♌01'23	2°21'05
max. Earth dist.	-5933 Sep 30 j 04:17	24°♌01'05	31.28081 AU
morning rise	-5933 Oct 15 j 07:49	24°♌35'13	
retrograde	-5932 Jan 11 j 16:22	26°♌29'59	
opposition	-5932 Mar 31 j 16:15	25°♌07'16	2°30'01
min. Earth dist.	-5932 Mar 31 j 18:16	25°♌07'07	29.28080 AU
direct	-5932 Jun 20 j 08:01	23°♌43'44	
evening set	-5932 Sep 16 j 15:28	25°♌38'13	
conjunction	-5932 Oct 01 j 16:10	26°♌12'05	2°19'58
minimum elong	-5932 Oct 01 j 16:10	26°♌12'05	2°20'11
max. Earth dist.	-5932 Oct 01 j 13:38	26°♌11'51	31.27719 AU
morning rise	-5932 Oct 16 j 16:46	26°♌45'57	
retrograde	-5931 Jan 13 j 03:48	28°♌40'53	
opposition	-5931 Apr 03 j 05:21	27°♌18'07	2°29'00
min. Earth dist.	-5931 Apr 03 j 07:16	27°♌17'59	29.27709 AU
direct	-5931 Jun 22 j 18:09	25°♌54'40	
evening set	-5931 Sep 19 j 00:27	27°♌49'06	
conjunction	-5931 Oct 04 j 01:13	28°♌22'58	2°18'54
minimum elong	-5931 Oct 04 j 01:14	28°♌22'58	2°19'08
max. Earth dist.	-5931 Oct 04 j 00:19	28°♌22'53	31.27328 AU
morning rise	-5931 Oct 19 j 01:50	28°♌56'51	
	-5931 Nov 19 j 13:11	0°♍	
retrograde	-5930 Jan 15 j 14:29	0°♍51'56	
	-5930 Mar 17 j 04:18	30°℞♌	
opposition	-5930 Apr 05 j 18:26	29°♌29'08	2°27'45
min. Earth dist.	-5930 Apr 05 j 18:53	29°♌29'06	29.27269 AU
direct	-5930 Jun 25 j 06:20	28°♌05'46	
evening set	-5930 Sep 21 j 09:31	0°♍00'07	
	-5930 Sep 21 j 08:13	0°♍	
conjunction	-5930 Oct 06 j 10:09	0°♍34'00	2°17'39
minimum elong	-5930 Oct 06 j 10:10	0°♍34'00	2°17'50
max. Earth dist.	-5930 Oct 06 j 09:04	0°♍33'53	31.26843 AU
morning rise	-5930 Oct 21 j 11:05	1°♍07'54	
retrograde	-5929 Jan 18 j 02:58	3°♍03'09	
opposition	-5929 Apr 08 j 07:37	1°♍40'18	2°26'18
min. Earth dist.	-5929 Apr 08 j 07:38	1°♍40'18	29.26731 AU
direct	-5929 Jun 27 j 15:52	0°♍17'00	
evening set	-5929 Sep 23 j 18:35	2°♍11'16	
conjunction	-5929 Oct 08 j 19:25	2°♍45'10	2°16'11
minimum elong	-5929 Oct 08 j 19:26	2°♍45'10	2°16'23
max. Earth dist.	-5929 Oct 08 j 20:03	2°♍45'13	31.26233 AU
morning rise	-5929 Oct 23 j 20:21	3°♍19'05	
retrograde	-5928 Jan 20 j 13:52	5°♍14'29	
opposition	-5928 Apr 09 j 20:39	3°♍51'35	2°24'39
min. Earth dist.	-5928 Apr 09 j 20:09	3°♍51'37	29.26040 AU
direct	-5928 Jun 29 j 03:05	2°♍28'19	
evening set	-5928 Sep 25 j 03:47	4°♍22'31	
conjunction	-5928 Oct 10 j 04:33	4°♍56'24	2°14'32
minimum elong	-5928 Oct 10 j 04:33	4°♍56'25	2°14'43
max. Earth dist.	-5928 Oct 10 j 04:51	4°♍56'26	31.25483 AU
morning rise	-5928 Oct 25 j 05:50	5°♍30'22	
retrograde	-5927 Jan 22 j 02:58	7°♍25'54	
opposition	-5927 Apr 12 j 09:51	6°♍02'54	2°22'46
min. Earth dist.	-5927 Apr 12 j 08:08	6°♍03'01	29.25219 AU
direct	-5927 Jul 01 j 13:12	4°♍39'40	
evening set	-5927 Sep 27 j 12:41	6°♍33'46	
conjunction	-5927 Oct 12 j 13:41	7°♍07'40	2°12'41
minimum elong	-5927 Oct 12 j 13:41	7°♍07'40	2°12'53
max. Earth dist.	-5927 Oct 12 j 15:32	7°♍07'51	31.24596 AU
morning rise	-5927 Oct 27 j 15:06	7°♍41'39	
retrograde	-5926 Jan 24 j 14:37	9°♍37'18	
opposition	-5926 Apr 14 j 23:09	8°♍14'13	2°20'42
min. Earth dist.	-5926 Apr 14 j 21:19	8°♍14'20	29.24271 AU
direct	-5926 Jul 04 j 01:56	6°♍50'59	
evening set	-5926 Sep 29 j 21:43	8°♍44'58	

Attention, astronomical year style is used: The year -5926 in astronomical counting style is the year 5927 BCE in historical counting style.

conjunction	-5926 Oct 14 j 22:47	9°♑18'54	2°10'39	
minimum elong	-5926 Oct 14 j 22:48	9°♑18'54	2°10'49	
max. Earth dist.	-5926 Oct 15 j 00:59	9°♑19'06	31.23624 AU	
morning rise	-5926 Oct 30 j 00:36	9°♑52'54		
retrograde	-5925 Jan 27 j 04:08	11°♑48'39		
opposition	-5925 Apr 17 j 12:04	10°♑25'27	2°18'26	
min. Earth dist.	-5925 Apr 17 j 08:25	10°♑25'42	29.23268 AU	
direct	-5925 Jul 06 j 13:37	9°♑02'13		
evening set	-5925 Oct 02 j 06:37	10°♑56'06		
conjunction	-5925 Oct 17 j 07:53	11°♑30'03	2°08'26	
minimum elong	-5925 Oct 17 j 07:53	11°♑30'03	2°08'36	
max. Earth dist.	-5925 Oct 17 j 11:14	11°♑30'22	31.22608 AU	
morning rise	-5925 Nov 01 j 09:58	12°♑04'05		
retrograde	-5924 Jan 29 j 14:41	13°♑59'57		
opposition	-5924 Apr 19 j 01:13	12°♑36'38	2°15'58	
min. Earth dist.	-5924 Apr 18 j 21:35	12°♑36'52	29.22261 AU	
direct	-5924 Jul 08 j 00:56	11°♑13'25		
evening set	-5924 Oct 03 j 15:25	13°♑07'10		
conjunction	-5924 Oct 18 j 16:53	13°♑41'08	2°06'02	
minimum elong	-5924 Oct 18 j 16:53	13°♑41'08	2°06'10	
max. Earth dist.	-5924 Oct 18 j 21:40	13°♑41'35	31.21635 AU	
morning rise	-5924 Nov 02 j 19:14	14°♑15'12		
retrograde	-5923 Jan 31 j 01:48	16°♑11'10		
opposition	-5923 Apr 21 j 14:12	14°♑47'45	2°13'18	
min. Earth dist.	-5923 Apr 21 j 08:19	14°♑48'09	29.21317 AU	
direct	-5923 Jul 10 j 14:02	13°♑24'33		
evening set	-5923 Oct 06 j 00:22	15°♑18'13		
conjunction	-5923 Oct 21 j 01:56	15°♑52'12	2°03'27	
minimum elong	-5923 Oct 21 j 01:56	15°♑52'12	2°03'35	
max. Earth dist.	-5923 Oct 21 j 07:19	15°♑52'43	31.20742 AU	
morning rise	-5923 Nov 05 j 04:44	16°♑26'19		
retrograde	-5922 Feb 02 j 13:50	18°♑22'23		
opposition	-5922 Apr 24 j 03:18	16°♑58'53	2°10'27	
min. Earth dist.	-5922 Apr 23 j 21:01	16°♑59'19	29.20486 AU	
direct	-5922 Jul 13 j 00:43	15°♑35'44		
evening set	-5922 Oct 08 j 09:06	17°♑29'18		
conjunction	-5922 Oct 23 j 11:05	18°♑03'19	2°00'42	
minimum elong	-5922 Oct 23 j 11:05	18°♑03'19	2°00'47	
max. Earth dist.	-5922 Oct 23 j 18:30	18°♑04'01	31.19972 AU	
morning rise	-5922 Nov 07 j 14:08	18°♑37'27		
retrograde	-5921 Feb 05 j 00:06	20°♑33'40		
opposition	-5921 Apr 26 j 16:16	19°♑10'06	2°07'24	
min. Earth dist.	-5921 Apr 26 j 08:07	19°♑10'39	29.19751 AU	
direct	-5921 Jul 15 j 12:50	17°♑47'00		
evening set	-5921 Oct 10 j 18:07	19°♑40'29		
conjunction	-5921 Oct 25 j 20:12	20°♑14'31	1°57'45	
minimum elong	-5921 Oct 25 j 20:13	20°♑14'31	1°57'51	
max. Earth dist.	-5921 Oct 26 j 03:42	20°♑15'14	31.19290 AU	
morning rise	-5921 Nov 09 j 23:49	20°♑48'42		
retrograde	-5920 Feb 07 j 11:57	22°♑45'03		
opposition	-5920 Apr 28 j 05:12	21°♑21'26	2°04'10	
min. Earth dist.	-5920 Apr 27 j 20:18	21°♑22'02	29.19107 AU	
direct	-5920 Jul 16 j 22:08	19°♑58'23		
evening set	-5920 Oct 12 j 02:59	21°♑51'48		
conjunction	-5920 Oct 27 j 05:31	22°♑25'52	1°54'38	
minimum elong	-5920 Oct 27 j 05:32	22°♑25'52	1°54'42	
max. Earth dist.	-5920 Oct 27 j 15:11	22°♑26'47	31.18677 AU	
morning rise	-5920 Nov 11 j 09:24	23°♑00'06		
retrograde	-5919 Feb 08 j 22:48	24°♑56'35		
opposition	-5919 Apr 30 j 18:19	23°♑32'56	2°00'44	
min. Earth dist.	-5919 Apr 30 j 08:31	23°♑33'36	29.18499 AU	
direct	-5919 Jul 19 j 08:52	22°♑09'58		
evening set	-5919 Oct 14 j 12:00	24°♑03'18		
conjunction	-5919 Oct 29 j 14:42	24°♑37'24	1°51'21	
minimum elong	-5919 Oct 29 j 14:43	24°♑37'24	1°51'25	
max. Earth dist.	-5919 Oct 30 j 00:26	24°♑38'19	31.18091 AU	
morning rise	-5919 Nov 13 j 19:12	25°♑11'40		
retrograde	-5918 Feb 11 j 12:28	27°♑08'18		
opposition	-5918 May 03 j 07:28	25°♑44'37	1°57'08	
min. Earth dist.	-5918 May 02 j 20:23	25°♑45'22	29.17901 AU	
direct	-5918 Jul 21 j 18:40	24°♑21'42		
evening set	-5918 Oct 16 j 21:08	26°♑14'58		
conjunction	-5918 Nov 01 j 00:17	26°♑49'06	1°47'53	
minimum elong	-5918 Nov 01 j 00:18	26°♑49'06	1°47'56	
max. Earth dist.	-5918 Nov 01 j 11:30	26°♑50'09	31.17467 AU	
morning rise	-5918 Nov 16 j 05:09	27°♑23'25		
retrograde	-5917 Feb 14 j 00:33	29°♑20'11		
opposition	-5917 May 05 j 20:32	27°♑56'26	1°53'21	
min. Earth dist.	-5917 May 05 j 09:30	27°♑57'11	29.17240 AU	
direct	-5917 Jul 24 j 05:50	26°♑33'34		
evening set	-5917 Oct 19 j 06:26	28°♑26'47		
conjunction	-5917 Nov 03 j 09:54	29°♑00'57	1°44'16	
minimum elong	-5917 Nov 03 j 09:54	29°♑00'57	1°44'19	
max. Earth dist.	-5917 Nov 03 j 21:19	29°♑02'02	31.16775 AU	
morning rise	-5917 Nov 18 j 15:17	29°♑35'18		
	-5917 Nov 30 j 01:30	0°♎		
retrograde	-5916 Feb 16 j 14:33	1°♎32'12		
opposition	-5916 May 07 j 09:39	0°♎08'24	1°49'24	
min. Earth dist.	-5916 May 06 j 21:01	0°♎09'15	29.16486 AU	
	-5916 May 12 j 13:53	30°℞♑		
direct	-5916 Jul 25 j 16:33	28°♑45'34		
	-5916 Oct 02 j 07:40	0°♎		
evening set	-5916 Oct 20 j 15:43	0°♎38'42		
conjunction	-5916 Nov 04 j 19:31	1°♎12'54	1°40'30	
minimum elong	-5916 Nov 04 j 19:31	1°♎12'54	1°40'31	
max. Earth dist.	-5916 Nov 05 j 07:35	1°♎14'02	31.15955 AU	
morning rise	-5916 Nov 20 j 01:24	1°♎47'18		
retrograde	-5915 Feb 18 j 02:35	3°♎44'19		
opposition	-5915 May 09 j 22:59	2°♎20'26	1°45'18	
min. Earth dist.	-5915 May 09 j 10:48	2°♎21'16	29.15601 AU	
direct	-5915 Jul 28 j 03:41	0°♎57'38		
evening set	-5915 Oct 23 j 01:04	2°♎50'40		
conjunction	-5915 Nov 07 j 05:22	3°♎24'54	1°36'36	
minimum elong	-5915 Nov 07 j 05:23	3°♎24'54	1°36'37	
max. Earth dist.	-5915 Nov 07 j 18:25	3°♎26'08	31.15022 AU	
morning rise	-5915 Nov 22 j 11:44	3°♎59'21		
retrograde	-5914 Feb 20 j 15:34	5°♎56'27		
opposition	-5914 May 12 j 12:04	4°♎32'29	1°41'02	
min. Earth dist.	-5914 May 11 j 22:18	4°♎33'25	29.14595 AU	
direct	-5914 Jul 30 j 16:50	3°♎09'41		
evening set	-5914 Oct 25 j 10:28	5°♎02'37		
conjunction	-5914 Nov 09 j 15:06	5°♎36'54	1°32'32	
minimum elong	-5914 Nov 09 j 15:06	5°♎36'54	1°32'32	
max. Earth dist.	-5914 Nov 10 j 04:04	5°♎38'07	31.13969 AU	
morning rise	-5914 Nov 24 j 22:10	6°♎11'24		
retrograde	-5913 Feb 23 j 04:31	8°♎08'35		
min. Earth dist.	-5913 May 14 j 11:44	6°♎45'25	29.13501 AU	
opposition	-5913 May 15 j 01:15	6°♎44'30	1°36'38	
direct	-5913 Aug 02 j 03:59	5°♎21'41		
evening set	-5913 Oct 27 j 19:45	7°♎14'31		
conjunction	-5913 Nov 12 j 00:58	7°♎48'50	1°28'21	

Attention, astronomical year style is used: The year -5913 in astronomical counting style is the year 5914 BCE in historical counting style.

minimum elong	-5913 Nov 12 j 00:58	7°♎48'50	1°28'20
max. Earth dist.	-5913 Nov 12 j 15:35	7°♎50'13	31.12854 AU
morning rise	-5913 Nov 27 j 08:25	8°♎23'23	
retrograde	-5912 Feb 25 j 14:59	10°♎20'38	
opposition	-5912 May 16 j 14:08	8°♎56'27	1°32'05
min. Earth dist.	-5912 May 15 j 23:09	8°♎57'28	29.12364 AU
direct	-5912 Aug 03 j 16:35	7°♎33'38	
evening set	-5912 Oct 29 j 05:13	9°♎26'22	
conjunction	-5912 Nov 13 j 10:41	10°♎00'43	1°24'02
minimum elong	-5912 Nov 13 j 10:42	10°♎00'43	1°24'00
max. Earth dist.	-5912 Nov 14 j 01:11	10°♎02'05	31.11739 AU
morning rise	-5912 Nov 28 j 18:52	10°♎35'19	
retrograde	-5911 Feb 27 j 03:09	12°♎32'40	
min. Earth dist.	-5911 May 18 j 11:37	11°♎09'26	29.11279 AU
opposition	-5911 May 19 j 03:13	11°♎08'22	1°27'25
direct	-5911 Aug 06 j 02:40	9°♎45'33	
evening set	-5911 Oct 31 j 14:28	11°♎38'12	
conjunction	-5911 Nov 15 j 20:34	12°♎12'35	1°19'36
minimum elong	-5911 Nov 15 j 20:34	12°♎12'35	1°19'34
max. Earth dist.	-5911 Nov 16 j 13:10	12°♎14'09	31.10689 AU
morning rise	-5911 Dec 01 j 05:10	12°♎47'14	
retrograde	-5910 Mar 01 j 14:00	14°♎44'41	
opposition	-5910 May 21 j 16:12	13°♎20'19	1°22'36
min. Earth dist.	-5910 May 20 j 23:41	13°♎21'26	29.10267 AU
direct	-5910 Aug 08 j 13:54	11°♎57'30	
evening set	-5910 Nov 03 j 00:02	13°♎50'05	
conjunction	-5910 Nov 18 j 06:29	14°♎24'30	1°15'03
minimum elong	-5910 Nov 18 j 06:30	14°♎24'30	1°14'59
max. Earth dist.	-5910 Nov 18 j 23:10	14°♎26'05	31.09743 AU
morning rise	-5910 Dec 03 j 15:49	14°♎59'12	
retrograde	-5909 Mar 04 j 03:21	16°♎56'45	
min. Earth dist.	-5909 May 23 j 11:08	15°♎33'32	29.09374 AU
opposition	-5909 May 24 j 04:56	15°♎32'20	1°17'40
direct	-5909 Aug 10 j 23:37	14°♎09'32	
evening set	-5909 Nov 05 j 09:32	16°♎02'04	
conjunction	-5909 Nov 20 j 16:33	16°♎36'32	1°10'23
minimum elong	-5909 Nov 20 j 16:34	16°♎36'32	1°10'19
max. Earth dist.	-5909 Nov 21 j 10:46	16°♎38'16	31.08897 AU
morning rise	-5909 Dec 06 j 02:24	17°♎11'18	
retrograde	-5908 Mar 05 j 15:12	19°♎08'58	
opposition	-5908 May 25 j 17:53	17°♎44'30	1°12'37
min. Earth dist.	-5908 May 24 j 23:50	17°♎45'43	29.08573 AU
direct	-5908 Aug 12 j 10:10	16°♎21'45	
evening set	-5908 Nov 06 j 19:01	18°♎14'15	
conjunction	-5908 Nov 22 j 02:31	18°♎48'45	1°05'36
minimum elong	-5908 Nov 22 j 02:31	18°♎48'45	1°05'30
max. Earth dist.	-5908 Nov 22 j 21:21	18°♎50'32	31.08154 AU
morning rise	-5908 Dec 07 j 12:59	19°♎23'34	
retrograde	-5907 Mar 08 j 05:15	21°♎21'22	
min. Earth dist.	-5907 May 27 j 10:56	19°♎58'13	29.07856 AU
opposition	-5907 May 28 j 06:46	19°♎56'51	1°07'27
direct	-5907 Aug 14 j 20:03	18°♎34'10	
evening set	-5907 Nov 09 j 04:47	20°♎26'38	
conjunction	-5907 Nov 24 j 12:45	21°♎01'12	1°00'43
minimum elong	-5907 Nov 24 j 12:45	21°♎01'12	1°00'38
max. Earth dist.	-5907 Nov 25 j 08:20	21°♎03'03	31.07460 AU
morning rise	-5907 Dec 09 j 23:52	21°♎36'03	
retrograde	-5906 Mar 10 j 18:07	23°♎33'59	
opposition	-5906 May 30 j 19:43	22°♎09'27	1°02'10
min. Earth dist.	-5906 May 30 j 00:20	22°♎10'47	29.07177 AU
direct	-5906 Aug 17 j 06:25	20°♎46'49	
evening set	-5906 Nov 11 j 14:37	22°♎39'16	
conjunction	-5906 Nov 26 j 23:12	23°♎13'52	0°55'44
minimum elong	-5906 Nov 26 j 23:13	23°♎13'52	0°55'36
max. Earth dist.	-5906 Nov 27 j 19:54	23°♎15'49	31.06791 AU
morning rise	-5906 Dec 12 j 10:51	23°♎48'47	
retrograde	-5905 Mar 13 j 08:35	25°♎46'49	
min. Earth dist.	-5905 Jun 01 j 11:40	24°♎23'42	29.06483 AU
opposition	-5905 Jun 02 j 08:30	24°♎22'16	0°56'48
direct	-5905 Aug 19 j 19:10	22°♎59'41	
evening set	-5905 Nov 14 j 00:43	24°♎52'06	
conjunction	-5905 Nov 29 j 09:38	25°♎26'46	0°50'40
minimum elong	-5905 Nov 29 j 09:39	25°♎26'46	0°50'32
max. Earth dist.	-5905 Nov 30 j 06:01	25°♎28'41	31.06067 AU
morning rise	-5905 Dec 14 j 22:00	26°♎01'44	
retrograde	-5904 Mar 14 j 22:42	27°♎59'53	
opposition	-5904 Jun 03 j 21:26	26°♎35'18	0°51'20
min. Earth dist.	-5904 Jun 03 j 01:10	26°♎36'41	29.05726 AU
direct	-5904 Aug 21 j 05:58	25°♎12'45	
evening set	-5904 Nov 15 j 10:52	27°♎05'09	
conjunction	-5904 Nov 30 j 20:28	27°♎39'51	0°45'31
minimum elong	-5904 Nov 30 j 20:28	27°♎39'51	0°45'22
max. Earth dist.	-5904 Dec 01 j 18:06	27°♎41'54	31.05265 AU
morning rise	-5904 Dec 16 j 09:16	28°♎14'53	
	-5903 Feb 16 j 21:29	0°♏	
retrograde	-5903 Mar 17 j 10:28	0°♏13'07	
	-5903 Apr 15 j 10:53	30°℞♎	
opposition	-5903 Jun 06 j 10:19	28°♎48'29	0°45'47
min. Earth dist.	-5903 Jun 05 j 13:03	28°♎49'57	29.04858 AU
direct	-5903 Aug 23 j 18:23	27°♎25'57	
evening set	-5903 Nov 17 j 21:12	29°♎18'19	
conjunction	-5903 Dec 03 j 07:12	29°♎53'03	0°40'18
minimum elong	-5903 Dec 03 j 07:12	29°♎53'03	0°40'09
max. Earth dist.	-5903 Dec 04 j 04:02	29°♎55'01	31.04343 AU
	-5903 Dec 06 j 08:34	0°♏	
morning rise	-5903 Dec 18 j 20:48	0°♏28'08	
retrograde	-5902 Mar 20 j 00:02	2°♏26'27	
opposition	-5902 Jun 08 j 23:18	1°♏01'45	0°40'11
min. Earth dist.	-5902 Jun 08 j 02:11	1°♏03'12	29.03871 AU
	-5902 Jul 21 j 07:02	30°℞♎	
direct	-5902 Aug 26 j 05:24	29°♎39'12	
	-5902 Sep 30 j 01:59	0°♏	
evening set	-5902 Nov 20 j 07:34	1°♏31'30	
conjunction	-5902 Dec 05 j 18:16	2°♏06'18	0°35'01
minimum elong	-5902 Dec 05 j 18:16	2°♏06'18	0°34'51
max. Earth dist.	-5902 Dec 06 j 16:22	2°♏08'23	31.03290 AU
morning rise	-5902 Dec 21 j 08:21	2°♏41'25	
retrograde	-5901 Mar 22 j 11:35	4°♏39'47	
opposition	-5901 Jun 11 j 11:58	3°♏15'01	0°34'30
min. Earth dist.	-5901 Jun 10 j 14:42	3°♏16'28	29.02755 AU
direct	-5901 Aug 28 j 17:34	1°♏52'25	
evening set	-5901 Nov 22 j 18:02	3°♏44'40	
conjunction	-5901 Dec 08 j 05:10	4°♏19'30	0°29'42
minimum elong	-5901 Dec 08 j 05:10	4°♏19'30	0°29'32
max. Earth dist.	-5901 Dec 09 j 02:46	4°♏21'32	31.02148 AU
morning rise	-5901 Dec 23 j 19:59	4°♏54'41	
retrograde	-5900 Mar 24 j 00:21	6°♏53'05	
min. Earth dist.	-5900 Jun 12 j 02:48	5°♏29'43	29.01587 AU
opposition	-5900 Jun 13 j 00:43	5°♏28'12	0°28'47
direct	-5900 Aug 30 j 04:08	4°♏05'34	
evening set	-5900 Nov 24 j 04:19	5°♏57'45	

Attention, astronomical year style is used: The year -5900 in astronomical counting style is the year 5901 BCE in historical counting style.

conjunction	-5900 Dec 09 j 16:02	6°♏32'36	0°24'20
minimum elong	-5900 Dec 09 j 16:02	6°♏32'36	0°24'08
max. Earth dist.	-5900 Dec 10 j 14:44	6°♏34'45	31.00963 AU
morning rise	-5900 Dec 25 j 07:24	7°♏07'50	
retrograde	-5899 Mar 26 j 11:00	9°♏06'17	
opposition	-5899 Jun 15 j 13:28	7°♏41'18	0°23'02
min. Earth dist.	-5899 Jun 14 j 15:43	7°♏42'48	29.00410 AU
direct	-5899 Sep 01 j 15:01	6°♏18'37	
evening set	-5899 Nov 26 j 14:50	8°♏10'45	
conjunction	-5899 Dec 12 j 03:06	8°♏45'39	0°18'56
minimum elong	-5899 Dec 12 j 03:06	8°♏45'39	0°18'44
max. Earth dist.	-5899 Dec 13 j 02:07	8°♏47'49	30.99820 AU
morning rise	-5899 Dec 27 j 19:05	9°♏20'55	