

Planetary Phenomena of Uranus from -6400 through -5898 (UT), Astrodienst AG 18-Feb-2025 14:23, page 1

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

	-6400 Jan 04 j 06:40	0° <u>ℳ</u>		retrograde	-6395 Apr 14 j 11:45	22° <u>ℳ</u> 04'43	
desc. node	-6400 Jan 13 j 15:24	0° <u>ℳ</u> 28'22		opposition	-6395 Jul 01 j 16:56	20° <u>ℳ</u> 05'09	-0°22'11
retrograde	-6400 Mar 25 j 00:14	2° <u>ℳ</u> 22'08		min. Earth dist.	-6395 Jun 30 j 16:00	20° <u>ℳ</u> 07'40	19.14565 AU
min. Earth dist.	-6400 Jun 10 j 03:04	0° <u>ℳ</u> 25'56	19.10735 AU	direct	-6395 Sep 14 j 17:42	18° <u>ℳ</u> 09'17	
opposition	-6400 Jun 11 j 08:28	0° <u>ℳ</u> 23'00	-0°01'44	evening set	-6395 Dec 12 j 17:58	21° <u>ℳ</u> 05'22	
	-6400 Jun 21 j 00:12	30° <u>℞</u> <u>♂</u>					
direct	-6400 Aug 25 j 19:10	28° <u>♂</u> 27'19		conjunction	-6395 Dec 28 j 19:00	21° <u>ℳ</u> 59'32	-0°21'47
	-6400 Oct 26 j 15:03	0° <u>ℳ</u>		minimum elong	-6395 Dec 28 j 19:00	21° <u>ℳ</u> 59'32	0°22'05
evening set	-6400 Nov 22 j 21:21	1° <u>ℳ</u> 24'28		max. Earth dist.	-6395 Dec 29 j 22:44	22° <u>ℳ</u> 03'27	21.14296 AU
				morning rise	-6394 Jan 14 j 00:13	22° <u>ℳ</u> 54'17	
conjunction	-6400 Dec 08 j 17:29	2° <u>ℳ</u> 18'20	-0°03'30	retrograde	-6394 Apr 18 j 19:08	26° <u>ℳ</u> 00'38	
minimum elong	-6400 Dec 08 j 17:29	2° <u>ℳ</u> 18'20	0°03'41	opposition	-6394 Jul 05 j 22:25	24° <u>ℳ</u> 01'02	-0°26'01
behind sun begin	-6400 Dec 08 j 10:58	2° <u>ℳ</u> 17'26		min. Earth dist.	-6394 Jul 04 j 21:37	24° <u>ℳ</u> 03'32	19.14007 AU
behind sun end	-6400 Dec 09 j 00:01	2° <u>ℳ</u> 19'15		direct	-6394 Sep 18 j 22:35	22° <u>ℳ</u> 05'06	
max. Earth dist.	-6400 Dec 09 j 23:33	2° <u>ℳ</u> 22'38	21.11650 AU	evening set	-6394 Dec 16 j 22:36	25° <u>ℳ</u> 01'14	
morning rise	-6400 Dec 24 j 17:50	3° <u>ℳ</u> 12'47					
retrograde	-6399 Mar 29 j 07:28	6° <u>ℳ</u> 19'32		conjunction	-6393 Jan 02 j 00:29	25° <u>ℳ</u> 55'30	-0°25'12
min. Earth dist.	-6399 Jun 14 j 11:49	4° <u>ℳ</u> 23'08	19.12509 AU	minimum elong	-6393 Jan 02 j 00:29	25° <u>ℳ</u> 55'30	0°25'30
opposition	-6399 Jun 15 j 15:54	4° <u>ℳ</u> 20'20	-0°05'57	max. Earth dist.	-6393 Jan 03 j 02:13	25° <u>ℳ</u> 59'09	21.13545 AU
direct	-6399 Aug 29 j 23:42	2° <u>ℳ</u> 24'40		morning rise	-6393 Jan 18 j 06:54	26° <u>ℳ</u> 50'23	
evening set	-6399 Nov 27 j 01:14	5° <u>ℳ</u> 21'25		retrograde	-6393 Apr 23 j 02:15	29° <u>ℳ</u> 56'49	
				min. Earth dist.	-6393 Jul 09 j 04:54	27° <u>ℳ</u> 59'29	19.13059 AU
conjunction	-6399 Dec 12 j 22:25	6° <u>ℳ</u> 15'20	-0°07'16	opposition	-6393 Jul 10 j 03:54	27° <u>ℳ</u> 57'10	-0°29'44
minimum elong	-6399 Dec 12 j 22:26	6° <u>ℳ</u> 15'20	0°07'28	direct	-6393 Sep 23 j 01:04	26° <u>ℳ</u> 01'09	
behind sun begin	-6399 Dec 12 j 16:24	6° <u>ℳ</u> 14'30		evening set	-6393 Dec 21 j 03:37	28° <u>ℳ</u> 57'27	
behind sun end	-6399 Dec 13 j 04:27	6° <u>ℳ</u> 16'10					
max. Earth dist.	-6399 Dec 14 j 04:58	6° <u>ℳ</u> 19'41	21.13139 AU	conjunction	-6392 Jan 06 j 06:43	29° <u>ℳ</u> 51'51	-0°28'30
morning rise	-6399 Dec 28 j 23:34	7° <u>ℳ</u> 09'48		minimum elong	-6392 Jan 06 j 06:43	29° <u>ℳ</u> 51'51	0°28'50
retrograde	-6398 Apr 02 j 14:40	10° <u>ℳ</u> 16'22		max. Earth dist.	-6392 Jan 07 j 08:27	29° <u>ℳ</u> 55'29	21.12394 AU
opposition	-6398 Jun 19 j 22:40	8° <u>ℳ</u> 17'05	-0°10'07		-6392 Jan 08 j 16:16	0° <u>♂</u>	
min. Earth dist.	-6398 Jun 18 j 18:41	8° <u>ℳ</u> 19'54	19.13721 AU	morning rise	-6392 Jan 22 j 14:00	0° <u>♂</u> 46'51	
direct	-6398 Sep 03 j 05:42	6° <u>ℳ</u> 21'25		retrograde	-6392 Apr 26 j 10:22	3° <u>♂</u> 53'24	
evening set	-6398 Dec 01 j 05:19	9° <u>ℳ</u> 17'52		min. Earth dist.	-6392 Jul 12 j 10:31	1° <u>♂</u> 56'00	19.11693 AU
				opposition	-6392 Jul 13 j 09:01	1° <u>♂</u> 53'43	-0°33'19
conjunction	-6398 Dec 17 j 03:17	10° <u>ℳ</u> 11'48	-0°11'00		-6392 Sep 16 j 15:26	30° <u>℞</u> <u>ℳ</u>	
minimum elong	-6398 Dec 17 j 03:16	10° <u>ℳ</u> 11'47	0°11'15	direct	-6392 Sep 26 j 05:42	29° <u>ℳ</u> 57'39	
behind sun begin	-6398 Dec 16 j 22:23	10° <u>ℳ</u> 11'07			-6392 Oct 05 j 17:09	0° <u>♂</u>	
behind sun end	-6398 Dec 17 j 08:09	10° <u>ℳ</u> 12'28		evening set	-6392 Dec 24 j 09:16	2° <u>♂</u> 54'11	
max. Earth dist.	-6398 Dec 18 j 08:05	10° <u>ℳ</u> 15'53	21.14103 AU				
morning rise	-6397 Jan 02 j 05:36	11° <u>ℳ</u> 06'19		conjunction	-6391 Jan 09 j 13:14	3° <u>♂</u> 48'44	-0°31'41
retrograde	-6397 Apr 06 j 21:47	14° <u>ℳ</u> 12'46		minimum elong	-6391 Jan 09 j 13:13	3° <u>♂</u> 48'44	0°32'01
min. Earth dist.	-6397 Jun 23 j 02:36	12° <u>ℳ</u> 16'03	19.14449 AU	max. Earth dist.	-6391 Jan 10 j 12:31	3° <u>♂</u> 52'01	21.10820 AU
opposition	-6397 Jun 24 j 05:12	12° <u>ℳ</u> 13'23	-0°14'13	morning rise	-6391 Jan 25 j 21:40	4° <u>♂</u> 43'52	
direct	-6397 Sep 07 j 09:27	10° <u>ℳ</u> 17'39		retrograde	-6391 Apr 30 j 17:59	7° <u>♂</u> 50'36	
evening set	-6397 Dec 05 j 09:16	13° <u>ℳ</u> 13'52		opposition	-6391 Jul 17 j 14:21	5° <u>♂</u> 50'54	-0°36'46
				min. Earth dist.	-6391 Jul 16 j 18:02	5° <u>♂</u> 52'58	19.09900 AU
conjunction	-6397 Dec 21 j 08:21	14° <u>ℳ</u> 07'52	-0°14'40	direct	-6391 Sep 30 j 08:27	3° <u>♂</u> 54'44	
minimum elong	-6397 Dec 21 j 08:21	14° <u>ℳ</u> 07'52	0°14'56	evening set	-6391 Dec 28 j 15:09	6° <u>♂</u> 51'37	
behind sun begin	-6397 Dec 21 j 05:50	14° <u>ℳ</u> 07'31					
behind sun end	-6397 Dec 21 j 10:52	14° <u>ℳ</u> 08'13		conjunction	-6390 Jan 13 j 20:17	7° <u>♂</u> 46'18	-0°34'43
max. Earth dist.	-6397 Dec 22 j 13:39	14° <u>ℳ</u> 12'02	21.14597 AU	minimum elong	-6390 Jan 13 j 20:17	7° <u>♂</u> 46'18	0°35'06
	-6396 Jan 05 j 17:51	15° <u>ℳ</u>		max. Earth dist.	-6390 Jan 14 j 19:11	7° <u>♂</u> 49'33	21.08796 AU
morning rise	-6396 Jan 06 j 11:33	15° <u>ℳ</u> 02'27		morning rise	-6390 Jan 30 j 05:31	8° <u>♂</u> 41'36	
retrograde	-6396 Apr 10 j 04:50	18° <u>ℳ</u> 08'49		retrograde	-6390 May 05 j 02:51	11° <u>♂</u> 48'33	
min. Earth dist.	-6396 Jun 26 j 08:42	16° <u>ℳ</u> 12'00	19.14714 AU	opposition	-6390 Jul 21 j 19:35	9° <u>♂</u> 48'50	-0°40'02
opposition	-6396 Jun 27 j 11:13	16° <u>ℳ</u> 09'20	-0°18'15	min. Earth dist.	-6390 Jul 20 j 24:00	9° <u>♂</u> 50'50	19.07631 AU
	-6396 Jul 28 j 06:27	15° <u>℞</u> <u>ℳ</u>		direct	-6390 Oct 04 j 12:52	7° <u>♂</u> 52'33	
direct	-6396 Sep 10 j 14:49	14° <u>ℳ</u> 13'33		evening set	-6389 Jan 01 j 21:53	10° <u>♂</u> 49'50	
	-6396 Oct 23 j 12:53	15° <u>ℳ</u>					
evening set	-6396 Dec 08 j 13:38	17° <u>ℳ</u> 09'39		conjunction	-6389 Jan 18 j 03:53	11° <u>♂</u> 44'42	-0°37'36
				minimum elong	-6389 Jan 18 j 03:53	11° <u>♂</u> 44'42	0°37'59
conjunction	-6396 Dec 24 j 13:31	18° <u>ℳ</u> 03'43	-0°18'16	max. Earth dist.	-6389 Jan 18 j 23:55	11° <u>♂</u> 47'32	21.06286 AU
minimum elong	-6396 Dec 24 j 13:31	18° <u>ℳ</u> 03'43	0°18'33	morning rise	-6389 Feb 03 j 14:15	12° <u>♂</u> 40'10	
max. Earth dist.	-6396 Dec 25 j 16:57	18° <u>ℳ</u> 07'36	21.14649 AU	retrograde	-6389 May 09 j 11:19	15° <u>♂</u> 47'23	
morning rise	-6395 Jan 09 j 17:53	18° <u>ℳ</u> 58'23		min. Earth dist.	-6389 Jul 25 j 08:01	13° <u>♂</u> 49'21	19.04869 AU

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

opposition	-6389 Jul 26 j 01:01	13° $\mathring{\text{A}}$ 47'37	-0°43'08	conjunction	-6382 Feb 16 j 03:17	10° $\mathring{\text{Z}}$ 00'08	-0°52'07
direct	-6389 Oct 08 j 16:22	11° $\mathring{\text{A}}$ 51'09		minimum elong	-6382 Feb 16 j 03:17	10° $\mathring{\text{Z}}$ 00'08	0°52'32
evening set	-6388 Jan 06 j 05:06	14° $\mathring{\text{A}}$ 48'56		max. Earth dist.	-6382 Feb 16 j 09:08	10° $\mathring{\text{Z}}$ 00'58	20.74661 AU
				morning rise	-6382 Mar 04 j 19:23	10° $\mathring{\text{Z}}$ 57'04	
conjunction	-6388 Jan 22 j 12:21	15° $\mathring{\text{A}}$ 44'00	-0°40'19	retrograde	-6382 Jun 07 j 10:40	14° $\mathring{\text{Z}}$ 06'38	
minimum elong	-6388 Jan 22 j 12:20	15° $\mathring{\text{A}}$ 44'00	0°40'42	opposition	-6382 Aug 22 j 19:19	12° $\mathring{\text{Z}}$ 05'54	-0°58'24
max. Earth dist.	-6388 Jan 23 j 07:24	15° $\mathring{\text{A}}$ 46'42	21.03258 AU	min. Earth dist.	-6382 Aug 22 j 15:01	12° $\mathring{\text{Z}}$ 06'21	18.71700 AU
morning rise	-6388 Feb 07 j 23:29	16° $\mathring{\text{A}}$ 39'39		direct	-6382 Nov 05 j 08:44	10° $\mathring{\text{Z}}$ 07'09	
retrograde	-6388 May 12 j 21:01	19° $\mathring{\text{A}}$ 47'07		evening set	-6381 Feb 04 j 02:11	13° $\mathring{\text{Z}}$ 10'04	
opposition	-6388 Jul 29 j 06:28	17° $\mathring{\text{A}}$ 47'18	-0°46'02				
min. Earth dist.	-6388 Jul 28 j 14:33	17° $\mathring{\text{A}}$ 48'56	19.01558 AU	conjunction	-6381 Feb 20 j 16:08	14° $\mathring{\text{Z}}$ 06'49	-0°53'15
direct	-6388 Oct 11 j 21:14	15° $\mathring{\text{A}}$ 50'38		minimum elong	-6381 Feb 20 j 16:08	14° $\mathring{\text{Z}}$ 06'49	0°53'39
evening set	-6387 Jan 09 j 13:10	18° $\mathring{\text{A}}$ 48'58		max. Earth dist.	-6381 Feb 20 j 18:55	14° $\mathring{\text{Z}}$ 07'13	20.68666 AU
				morning rise	-6381 Mar 09 j 09:03	15° $\mathring{\text{Z}}$ 04'00	
conjunction	-6387 Jan 25 j 21:14	19° $\mathring{\text{A}}$ 44'14	-0°42'50	retrograde	-6381 Jun 11 j 20:45	18° $\mathring{\text{Z}}$ 14'02	
minimum elong	-6387 Jan 25 j 21:14	19° $\mathring{\text{A}}$ 44'14	0°43'14	opposition	-6381 Aug 27 j 02:32	16° $\mathring{\text{Z}}$ 13'09	-0°59'30
max. Earth dist.	-6387 Jan 26 j 12:59	19° $\mathring{\text{A}}$ 46'28	20.99670 AU	min. Earth dist.	-6381 Aug 27 j 01:02	16° $\mathring{\text{Z}}$ 13'18	18.65605 AU
morning rise	-6387 Feb 11 j 09:26	20° $\mathring{\text{A}}$ 40'04		direct	-6381 Nov 09 j 14:50	14° $\mathring{\text{Z}}$ 14'00	
retrograde	-6387 May 17 j 05:55	23° $\mathring{\text{A}}$ 47'50		evening set	-6380 Feb 08 j 15:01	17° $\mathring{\text{Z}}$ 17'57	
opposition	-6387 Aug 02 j 12:09	21° $\mathring{\text{A}}$ 47'55	-0°48'43				
min. Earth dist.	-6387 Aug 01 j 23:04	21° $\mathring{\text{A}}$ 49'15	18.97697 AU	conjunction	-6380 Feb 25 j 06:00	18° $\mathring{\text{Z}}$ 15'00	-0°54'06
direct	-6387 Oct 16 j 01:25	19° $\mathring{\text{A}}$ 50'59		minimum elong	-6380 Feb 25 j 06:00	18° $\mathring{\text{Z}}$ 15'00	0°54'31
evening set	-6386 Jan 13 j 21:35	22° $\mathring{\text{A}}$ 49'54		max. Earth dist.	-6380 Feb 25 j 07:26	18° $\mathring{\text{Z}}$ 15'12	20.62479 AU
				morning rise	-6380 Mar 12 j 23:25	19° $\mathring{\text{Z}}$ 12'26	
conjunction	-6386 Jan 30 j 06:52	23° $\mathring{\text{A}}$ 45'24	-0°45'09	retrograde	-6380 Jun 15 j 10:10	22° $\mathring{\text{Z}}$ 22'57	
minimum elong	-6386 Jan 30 j 06:52	23° $\mathring{\text{A}}$ 45'24	0°45'33	opposition	-6380 Aug 30 j 10:10	20° $\mathring{\text{Z}}$ 21'57	-1°00'19
max. Earth dist.	-6386 Jan 30 j 21:25	23° $\mathring{\text{A}}$ 47'28	20.95546 AU	min. Earth dist.	-6380 Aug 30 j 09:32	20° $\mathring{\text{Z}}$ 22'01	18.59325 AU
morning rise	-6386 Feb 15 j 19:47	24° $\mathring{\text{A}}$ 41'25		direct	-6380 Nov 13 j 00:05	18° $\mathring{\text{Z}}$ 22'27	
retrograde	-6386 May 21 j 16:25	27° $\mathring{\text{A}}$ 49'30		evening set	-6379 Feb 12 j 04:50	21° $\mathring{\text{Z}}$ 27'29	
opposition	-6386 Aug 06 j 17:55	25° $\mathring{\text{A}}$ 49'27	-0°51'09				
min. Earth dist.	-6386 Aug 06 j 05:55	25° $\mathring{\text{A}}$ 50'41	18.93308 AU	conjunction	-6379 Feb 28 j 20:28	22° $\mathring{\text{Z}}$ 24'49	-0°54'41
direct	-6386 Oct 20 j 07:31	23° $\mathring{\text{A}}$ 52'12		minimum elong	-6379 Feb 28 j 20:28	22° $\mathring{\text{Z}}$ 24'49	0°55'05
evening set	-6385 Jan 18 j 06:42	26° $\mathring{\text{A}}$ 51'47		max. Earth dist.	-6379 Feb 28 j 18:54	22° $\mathring{\text{Z}}$ 24'36	20.56114 AU
				morning rise	-6379 Mar 17 j 14:30	23° $\mathring{\text{Z}}$ 22'31	
conjunction	-6385 Feb 03 j 16:51	27° $\mathring{\text{A}}$ 47'30	-0°47'14	retrograde	-6379 Jun 19 j 21:47	26° $\mathring{\text{Z}}$ 33'35	
minimum elong	-6385 Feb 03 j 16:51	27° $\mathring{\text{A}}$ 47'30	0°47'40	opposition	-6379 Sep 03 j 18:27	24° $\mathring{\text{Z}}$ 32'29	-1°00'50
max. Earth dist.	-6385 Feb 04 j 04:09	27° $\mathring{\text{A}}$ 49'06	20.90918 AU	min. Earth dist.	-6379 Sep 03 j 20:36	24° $\mathring{\text{Z}}$ 32'16	18.52891 AU
morning rise	-6385 Feb 20 j 06:48	28° $\mathring{\text{A}}$ 43'45		direct	-6379 Nov 17 j 07:33	22° $\mathring{\text{Z}}$ 32'37	
	-6385 Mar 16 j 13:32	0° $\mathring{\text{Z}}$		evening set	-6378 Feb 16 j 19:26	25° $\mathring{\text{Z}}$ 38'49	
retrograde	-6385 May 26 j 01:23	1° $\mathring{\text{Z}}$ 52'09					
	-6385 Aug 07 j 17:46	30° $\mathring{\text{R}}$ $\mathring{\text{A}}$		conjunction	-6378 Mar 05 j 11:59	26° $\mathring{\text{Z}}$ 36'28	-0°54'59
opposition	-6385 Aug 11 j 00:00	29° $\mathring{\text{A}}$ 51'56	-0°53'22	minimum elong	-6378 Mar 05 j 11:59	26° $\mathring{\text{Z}}$ 36'28	0°55'24
min. Earth dist.	-6385 Aug 10 j 14:55	29° $\mathring{\text{A}}$ 52'52	18.88449 AU	max. Earth dist.	-6378 Mar 05 j 08:53	26° $\mathring{\text{Z}}$ 36'01	20.49618 AU
direct	-6385 Oct 24 j 11:59	27° $\mathring{\text{A}}$ 54'20		morning rise	-6378 Mar 22 j 06:25	27° $\mathring{\text{Z}}$ 34'26	
	-6384 Jan 05 j 16:02	0° $\mathring{\text{Z}}$			-6378 May 12 j 08:03	0° $\mathring{\text{Z}}$	
evening set	-6384 Jan 22 j 16:28	0° $\mathring{\text{Z}}$ 54'39		retrograde	-6378 Jun 24 j 12:25	0° $\mathring{\text{Z}}$ 46'05	
					-6378 Aug 07 j 03:15	30° $\mathring{\text{R}}$ $\mathring{\text{Z}}$	
conjunction	-6384 Feb 08 j 03:48	1° $\mathring{\text{Z}}$ 50'36	-0°49'07	opposition	-6378 Sep 08 j 03:09	28° $\mathring{\text{Z}}$ 44'55	-1°01'01
minimum elong	-6384 Feb 08 j 03:48	1° $\mathring{\text{Z}}$ 50'36	0°49'31	min. Earth dist.	-6378 Sep 08 j 06:14	28° $\mathring{\text{Z}}$ 44'35	18.46320 AU
max. Earth dist.	-6384 Feb 08 j 13:53	1° $\mathring{\text{Z}}$ 52'03	20.85852 AU	direct	-6378 Nov 21 j 17:42	26° $\mathring{\text{Z}}$ 44'42	
morning rise	-6384 Feb 24 j 18:25	2° $\mathring{\text{Z}}$ 47'04		evening set	-6377 Feb 21 j 11:11	29° $\mathring{\text{Z}}$ 52'08	
retrograde	-6384 May 29 j 13:01	5° $\mathring{\text{Z}}$ 55'49			-6377 Feb 23 j 18:26	0° $\mathring{\text{Z}}$	
opposition	-6384 Aug 14 j 06:00	3° $\mathring{\text{Z}}$ 55'26	-0°55'19				
min. Earth dist.	-6384 Aug 13 j 22:00	3° $\mathring{\text{Z}}$ 56'16	18.83180 AU	conjunction	-6377 Mar 10 j 04:22	0° $\mathring{\text{Z}}$ 50'05	-0°55'00
direct	-6384 Oct 27 j 19:21	1° $\mathring{\text{Z}}$ 57'28		minimum elong	-6377 Mar 10 j 04:22	0° $\mathring{\text{Z}}$ 50'06	0°55'22
evening set	-6383 Jan 26 j 03:06	4° $\mathring{\text{Z}}$ 58'34		max. Earth dist.	-6377 Mar 09 j 22:16	0° $\mathring{\text{Z}}$ 49'12	20.42972 AU
				morning rise	-6377 Mar 26 j 23:18	1° $\mathring{\text{Z}}$ 48'19	
conjunction	-6383 Feb 11 j 15:12	5° $\mathring{\text{Z}}$ 54'47	-0°50'44	retrograde	-6377 Jun 29 j 01:48	5° $\mathring{\text{Z}}$ 00'35	
minimum elong	-6383 Feb 11 j 15:12	5° $\mathring{\text{Z}}$ 54'47	0°51'10	opposition	-6377 Sep 12 j 12:43	2° $\mathring{\text{Z}}$ 59'22	-1°00'53
max. Earth dist.	-6383 Feb 11 j 22:09	5° $\mathring{\text{Z}}$ 55'46	20.80405 AU	min. Earth dist.	-6377 Sep 12 j 18:50	2° $\mathring{\text{Z}}$ 58'43	18.39602 AU
morning rise	-6383 Feb 28 j 06:44	6° $\mathring{\text{Z}}$ 51'29		direct	-6377 Nov 26 j 02:55	0° $\mathring{\text{Z}}$ 58'47	
retrograde	-6383 Jun 02 j 22:07	10° $\mathring{\text{Z}}$ 00'37		evening set	-6376 Feb 26 j 03:59	4° $\mathring{\text{Z}}$ 07'31	
opposition	-6383 Aug 18 j 12:34	8° $\mathring{\text{Z}}$ 00'03	-0°56'59				
min. Earth dist.	-6383 Aug 18 j 07:24	8° $\mathring{\text{Z}}$ 00'35	18.77578 AU	conjunction	-6376 Mar 13 j 21:55	5° $\mathring{\text{Z}}$ 05'48	-0°54'42
direct	-6383 Nov 01 j 00:20	6° $\mathring{\text{Z}}$ 01'41		minimum elong	-6376 Mar 13 j 21:55	5° $\mathring{\text{Z}}$ 05'48	0°55'04
evening set	-6382 Jan 30 j 14:05	9° $\mathring{\text{Z}}$ 03'39		max. Earth dist.	-6376 Mar 13 j 13:51	5° $\mathring{\text{Z}}$ 04'37	20.36177 AU
				morning rise	-6376 Mar 30 j 17:08	6° $\mathring{\text{Z}}$ 04'18	

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

retrograde	-6376 Jul 02 j 17:39	9° \approx 17'11	opposition	-6370 Oct 12 j 03:39	3° \mathbb{H} 38'05	-0°50'14
opposition	-6376 Sep 15 j 22:44	7° \approx 15'54 -1°00'24	min. Earth dist.	-6370 Oct 12 j 22:51	3° \mathbb{H} 36'01	17.88956 AU
min. Earth dist.	-6376 Sep 16 j 06:02	7° \approx 15'07 18.32718 AU	direct	-6370 Dec 26 j 06:36	1° \mathbb{H} 34'30	
direct	-6376 Nov 29 j 14:41	5° \approx 14'58	evening set	-6369 Mar 30 j 04:52	4° \mathbb{H} 52'49	
evening set	-6375 Mar 01 j 21:57	8° \approx 25'02	max. Earth dist.	-6369 Apr 15 j 00:58	5° \mathbb{H} 49'33	19.85344 AU
conjunction	-6375 Mar 18 j 16:22	9° \approx 23'38 -0°54'05	conjunction	-6369 Apr 16 j 01:19	5° \mathbb{H} 53'12	-0°43'54
minimum elong	-6375 Mar 18 j 16:22	9° \approx 23'38 0°54'26	minimum elong	-6369 Apr 16 j 01:20	5° \mathbb{H} 53'12	0°44'06
max. Earth dist.	-6375 Mar 18 j 05:17	9° \approx 22'00 20.29200 AU	morning rise	-6369 May 02 j 20:34	6° \mathbb{H} 53'29	
morning rise	-6375 Apr 04 j 11:51	10° \approx 22'24	retrograde	-6369 Aug 03 j 18:30	10° \mathbb{H} 10'37	
retrograde	-6375 Jul 07 j 08:28	13° \approx 35'55	opposition	-6369 Oct 16 j 19:16	8° \mathbb{H} 08'32	-0°47'22
opposition	-6375 Sep 20 j 09:48	11° \approx 34'34 -0°59'34	min. Earth dist.	-6369 Oct 17 j 16:40	8° \mathbb{H} 06'12	17.81825 AU
min. Earth dist.	-6375 Sep 20 j 20:12	11° \approx 33'28 18.25662 AU	direct	-6369 Dec 30 j 23:23	6° \mathbb{H} 04'29	
direct	-6375 Dec 04 j 02:05	9° \approx 33'15	evening set	-6368 Apr 03 j 05:05	9° \mathbb{H} 24'10	
evening set	-6374 Mar 06 j 16:38	12° \approx 44'40	max. Earth dist.	-6368 Apr 18 j 22:45	10° \mathbb{H} 20'48	19.78333 AU
conjunction	-6374 Mar 23 j 11:38	13° \approx 43'34 -0°53'10	conjunction	-6368 Apr 20 j 01:24	10° \mathbb{H} 24'49	-0°41'09
minimum elong	-6374 Mar 23 j 11:38	13° \approx 43'34 0°53'29	minimum elong	-6368 Apr 20 j 01:24	10° \mathbb{H} 24'49	0°41'20
max. Earth dist.	-6374 Mar 22 j 22:16	13° \approx 41'36 20.22064 AU	morning rise	-6368 May 06 j 20:25	11° \mathbb{H} 25'20	
morning rise	-6374 Apr 09 j 07:20	14° \approx 42'36	retrograde	-6368 Aug 07 j 15:09	14° \mathbb{H} 43'02	
	-6374 Apr 14 j 09:32	15° \approx	opposition	-6368 Oct 20 j 11:34	12° \mathbb{H} 40'49	-0°44'11
retrograde	-6374 Jul 12 j 01:18	17° \approx 56'46	min. Earth dist.	-6368 Oct 21 j 09:36	12° \mathbb{H} 38'25	17.74956 AU
opposition	-6374 Sep 24 j 21:28	15° \approx 55'19 -0°58'24	direct	-6367 Jan 03 j 18:25	10° \mathbb{H} 36'22	
min. Earth dist.	-6374 Sep 25 j 09:01	15° \approx 54'05 18.18441 AU	evening set	-6367 Apr 08 j 05:58	13° \mathbb{H} 57'24	
	-6374 Oct 17 j 06:05	15° \mathbb{R}	max. Earth dist.	-6367 Apr 23 j 23:09	14° \mathbb{H} 54'11	19.71608 AU
direct	-6374 Dec 08 j 16:03	13° \approx 53'34				
	-6373 Jan 28 j 23:19	15° \approx	conjunction	-6367 Apr 25 j 02:18	14° \mathbb{H} 58'19	-0°38'09
evening set	-6373 Mar 11 j 12:34	17° \approx 06'22	minimum elong	-6367 Apr 25 j 02:18	14° \mathbb{H} 58'19	0°38'17
			morning rise	-6367 May 11 j 20:40	15° \mathbb{H} 59'00	
conjunction	-6373 Mar 28 j 08:00	18° \approx 05'35 -0°51'56	retrograde	-6367 Aug 12 j 11:43	19° \mathbb{H} 17'17	
minimum elong	-6373 Mar 28 j 08:01	18° \approx 05'35 0°52'15	opposition	-6367 Oct 25 j 04:52	17° \mathbb{H} 14'59	-0°40'41
max. Earth dist.	-6373 Mar 27 j 15:52	18° \approx 03'12 20.14763 AU	min. Earth dist.	-6367 Oct 26 j 04:30	17° \mathbb{H} 12'25	17.68407 AU
morning rise	-6373 Apr 14 j 03:46	19° \approx 04'53	direct	-6366 Jan 08 j 13:00	15° \mathbb{H} 10'10	
retrograde	-6373 Jul 16 j 17:09	22° \approx 19'39	evening set	-6366 Apr 13 j 07:35	18° \mathbb{H} 32'30	
opposition	-6373 Sep 29 j 09:55	20° \approx 18'06 -0°56'52	max. Earth dist.	-6366 Apr 28 j 22:17	19° \mathbb{H} 29'11	19.65248 AU
min. Earth dist.	-6373 Sep 30 j 00:32	20° \approx 16'32 18.11085 AU				
direct	-6373 Dec 13 j 05:25	18° \approx 15'54	conjunction	-6366 Apr 30 j 03:34	19° \mathbb{H} 33'39	-0°34'52
evening set	-6372 Mar 15 j 09:25	21° \approx 30'05	minimum elong	-6366 Apr 30 j 03:35	19° \mathbb{H} 33'39	0°34'59
max. Earth dist.	-6372 Mar 31 j 10:35	22° \approx 26'50 20.07372 AU	morning rise	-6366 May 16 j 21:37	20° \mathbb{H} 34'33	
			retrograde	-6366 Aug 17 j 09:15	23° \mathbb{H} 53'24	
conjunction	-6372 Apr 01 j 05:14	22° \approx 29'36 -0°50'23	opposition	-6366 Oct 29 j 22:57	21° \mathbb{H} 51'02	-0°36'55
minimum elong	-6372 Apr 01 j 05:14	22° \approx 29'36 0°50'40	min. Earth dist.	-6366 Oct 30 j 23:08	21° \mathbb{H} 48'23	17.62243 AU
morning rise	-6372 Apr 18 j 01:05	23° \approx 29'09	direct	-6365 Jan 13 j 09:17	19° \mathbb{H} 45'52	
retrograde	-6372 Jul 20 j 11:19	26° \approx 44'32	evening set	-6365 Apr 18 j 10:00	23° \mathbb{H} 09'31	
opposition	-6372 Oct 02 j 23:04	24° \approx 42'51 -0°55'00	max. Earth dist.	-6365 May 04 j 00:34	24° \mathbb{H} 06'25	19.59276 AU
min. Earth dist.	-6372 Oct 03 j 14:45	24° \approx 41'10 18.03667 AU				
direct	-6372 Dec 16 j 21:45	22° \approx 40'12	conjunction	-6365 May 05 j 05:50	24° \mathbb{H} 10'54	-0°31'21
evening set	-6371 Mar 20 j 07:01	25° \approx 55'45	minimum elong	-6365 May 05 j 05:50	24° \mathbb{H} 10'54	0°31'26
max. Earth dist.	-6371 Apr 05 j 06:27	26° \approx 52'29 19.99940 AU	morning rise	-6365 May 21 j 23:03	25° \mathbb{H} 11'57	
			retrograde	-6365 Aug 22 j 07:21	28° \mathbb{H} 31'20	
conjunction	-6371 Apr 06 j 03:07	26° \approx 55'34 -0°48'31	opposition	-6365 Nov 03 j 17:57	26° \mathbb{H} 28'58	-0°32'53
minimum elong	-6371 Apr 06 j 03:08	26° \approx 55'34 0°48'47	min. Earth dist.	-6365 Nov 04 j 19:18	26° \mathbb{H} 26'11	17.56474 AU
morning rise	-6371 Apr 22 j 22:47	27° \approx 55'22	direct	-6364 Jan 18 j 06:15	24° \mathbb{H} 23'32	
	-6371 Jun 02 j 04:39	0° \mathbb{H}	evening set	-6364 Apr 22 j 13:17	27° \mathbb{H} 48'27	
retrograde	-6371 Jul 25 j 04:13	1° \mathbb{H} 11'21	max. Earth dist.	-6364 May 08 j 01:10	28° \mathbb{H} 45'12	19.53720 AU
	-6371 Sep 17 j 10:45	30° \mathbb{R}				
opposition	-6371 Oct 07 j 13:06	29° \approx 09'32 -0°52'47	conjunction	-6364 May 09 j 08:31	28° \mathbb{H} 50'01	-0°27'36
min. Earth dist.	-6371 Oct 08 j 07:25	29° \approx 07'33 17.96257 AU	minimum elong	-6364 May 09 j 08:31	28° \mathbb{H} 50'01	0°27'39
direct	-6371 Dec 21 j 12:42	27° \approx 06'25	morning rise	-6364 May 26 j 01:08	29° \mathbb{H} 51'14	
	-6370 Mar 18 j 11:44	0° \mathbb{H}		-6364 May 28 j 11:47	0° \mathbb{Y}	
evening set	-6370 Mar 25 j 05:32	0° \mathbb{H} 23'20	retrograde	-6364 Aug 26 j 05:17	3° \mathbb{Y} 11'08	
max. Earth dist.	-6370 Apr 10 j 02:44	1° \mathbb{H} 20'00 19.92578 AU	opposition	-6364 Nov 07 j 13:54	1° \mathbb{Y} 08'46	-0°28'35
			min. Earth dist.	-6364 Nov 08 j 15:56	1° \mathbb{Y} 05'55	17.51131 AU
conjunction	-6370 Apr 11 j 01:47	1° \mathbb{H} 23'27 -0°46'21		-6364 Dec 05 j 07:20	30° \mathbb{R}	
minimum elong	-6370 Apr 11 j 01:47	1° \mathbb{H} 23'27 0°46'36	direct	-6363 Jan 22 j 04:17	29° \mathbb{H} 03'05	
morning rise	-6370 Apr 27 j 21:24	2° \mathbb{H} 23'30		-6363 Mar 10 j 06:29	0° \mathbb{Y}	
retrograde	-6370 Jul 29 j 23:46	5° \mathbb{H} 40'04	evening set	-6363 Apr 27 j 16:52	2° \mathbb{Y} 29'14	

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

max. Earth dist.	-6363 May 13 j 04:49	3° Υ 26'11	19.48573 AU	opposition	-6358 Dec 06 j 07:21	29° Υ 39'22	0°00'42
				min. Earth dist.	-6358 Dec 07 j 12:26	29° Υ 36'11	17.27394 AU
conjunction	-6363 May 14 j 11:43	3° Υ 30'58	-0°23'38	direct	-6357 Feb 20 j 14:47	27° Υ 32'35	
minimum elong	-6363 May 14 j 11:43	3° Υ 30'58	0°23'39		-6357 May 09 j 22:39	0° \mathcal{B}	
morning rise	-6363 May 31 j 03:22	4° Υ 32'18		evening set	-6357 May 28 j 00:29	1° \mathcal{B} 04'03	
retrograde	-6363 Aug 31 j 04:43	7° Υ 52'43		max. Earth dist.	-6357 Jun 12 j 04:53	2° \mathcal{B} 01'00	19.26095 AU
opposition	-6363 Nov 12 j 10:48	5° Υ 50'22	-0°24'04				
min. Earth dist.	-6363 Nov 13 j 13:34	5° Υ 47'26	17.46180 AU	conjunction	-6357 Jun 13 j 13:54	2° \mathcal{B} 06'13	0°03'02
direct	-6362 Jan 27 j 03:53	3° Υ 44'30		minimum elong	-6357 Jun 13 j 13:54	2° \mathcal{B} 06'13	0°03'14
evening set	-6362 May 02 j 21:22	7° Υ 11'45		behind sun begin	-6357 Jun 13 j 07:12	2° \mathcal{B} 05'11	
max. Earth dist.	-6362 May 18 j 06:37	8° Υ 08'33	19.43818 AU	behind sun end	-6357 Jun 13 j 20:35	2° \mathcal{B} 07'14	
				morning rise	-6357 Jun 29 j 23:06	3° \mathcal{B} 07'48	
conjunction	-6362 May 19 j 15:24	8° Υ 13'38	-0°19'29	retrograde	-6357 Sep 29 j 05:19	6° \mathcal{B} 30'13	
minimum elong	-6362 May 19 j 15:24	8° Υ 13'38	0°19'28	opposition	-6357 Dec 11 j 08:36	4° \mathcal{B} 27'53	0°05'50
morning rise	-6362 Jun 05 j 06:17	9° Υ 15'05		min. Earth dist.	-6357 Dec 12 j 12:27	4° \mathcal{B} 24'51	17.25018 AU
retrograde	-6362 Sep 05 j 03:08	12° Υ 35'58		direct	-6356 Feb 25 j 20:07	2° \mathcal{B} 20'59	
opposition	-6362 Nov 17 j 08:24	10° Υ 33'38	-0°19'22	evening set	-6356 Jun 01 j 06:05	5° \mathcal{B} 52'55	
min. Earth dist.	-6362 Nov 18 j 12:08	10° Υ 30'36	17.41628 AU	max. Earth dist.	-6356 Jun 16 j 10:08	6° \mathcal{B} 49'58	19.24003 AU
direct	-6361 Feb 01 j 04:01	8° Υ 27'32					
evening set	-6361 May 08 j 02:16	11° Υ 55'53		conjunction	-6356 Jun 17 j 18:20	6° \mathcal{B} 55'04	0°07'36
max. Earth dist.	-6361 May 23 j 11:18	12° Υ 52'50	19.39447 AU	minimum elong	-6356 Jun 17 j 18:21	6° \mathcal{B} 55'04	0°07'49
				behind sun begin	-6356 Jun 17 j 12:18	6° \mathcal{B} 54'08	
conjunction	-6361 May 24 j 19:41	12° Υ 57'52	-0°15'11	behind sun end	-6356 Jun 18 j 00:23	6° \mathcal{B} 56'00	
minimum elong	-6361 May 24 j 19:42	12° Υ 57'53	0°15'09	morning rise	-6356 Jul 04 j 02:11	7° \mathcal{B} 56'35	
behind sun begin	-6361 May 24 j 17:41	12° Υ 57'34		retrograde	-6356 Oct 03 j 05:19	11° \mathcal{B} 19'10	
behind sun end	-6361 May 24 j 21:42	12° Υ 58'11		opposition	-6356 Dec 15 j 10:35	9° \mathcal{B} 16'49	0°10'55
morning rise	-6361 Jun 10 j 09:27	13° Υ 59'23		min. Earth dist.	-6356 Dec 16 j 14:45	9° \mathcal{B} 13'45	17.23234 AU
retrograde	-6361 Sep 10 j 03:35	17° Υ 20'41		direct	-6355 Mar 01 j 23:07	7° \mathcal{B} 09'50	
opposition	-6361 Nov 22 j 07:03	15° Υ 18'23	-0°14'29	evening set	-6355 Jun 06 j 11:19	10° \mathcal{B} 42'07	
min. Earth dist.	-6361 Nov 23 j 11:00	15° Υ 15'19	17.37440 AU				
direct	-6360 Feb 06 j 06:08	13° Υ 12'06		conjunction	-6355 Jun 22 j 22:16	11° \mathcal{B} 44'11	0°12'06
evening set	-6360 May 12 j 07:37	16° Υ 41'23		minimum elong	-6355 Jun 22 j 22:17	11° \mathcal{B} 44'12	0°12'21
max. Earth dist.	-6360 May 27 j 14:17	17° Υ 38'11	19.35450 AU	behind sun begin	-6355 Jun 22 j 17:53	11° \mathcal{B} 43'31	
				behind sun end	-6355 Jun 23 j 02:40	11° \mathcal{B} 44'52	
conjunction	-6360 May 29 j 00:02	17° Υ 43'28	-0°10'46	max. Earth dist.	-6355 Jun 21 j 14:57	11° \mathcal{B} 39'14	19.22535 AU
minimum elong	-6360 May 29 j 00:02	17° Υ 43'28	0°10'41	morning rise	-6355 Jul 09 j 04:57	12° \mathcal{B} 45'39	
behind sun begin	-6360 May 28 j 18:53	17° Υ 42'41			-6355 Aug 19 j 10:17	15° \mathcal{B}	
behind sun end	-6360 May 29 j 05:12	17° Υ 44'15		retrograde	-6355 Oct 08 j 07:46	16° \mathcal{B} 08'19	
morning rise	-6360 Jun 14 j 12:46	18° Υ 45'02			-6355 Nov 29 j 03:43	15° $\mathcal{R}\mathcal{B}$	
retrograde	-6360 Sep 14 j 02:39	22° Υ 06'42		opposition	-6355 Dec 20 j 12:49	14° \mathcal{B} 05'59	0°15'56
opposition	-6360 Nov 26 j 06:31	20° Υ 04'23	-0°09'30	min. Earth dist.	-6355 Dec 21 j 15:03	14° \mathcal{B} 03'07	17.22084 AU
min. Earth dist.	-6360 Nov 27 j 11:21	20° Υ 01'14	17.33654 AU	direct	-6354 Mar 07 j 05:02	11° \mathcal{B} 58'57	
direct	-6359 Feb 10 j 07:57	17° Υ 57'56			-6354 Jun 03 j 01:33	15° \mathcal{B}	
evening set	-6359 May 17 j 13:06	21° Υ 28'03		evening set	-6354 Jun 11 j 16:22	15° \mathcal{B} 31'27	
max. Earth dist.	-6359 Jun 01 j 19:27	22° Υ 24'59	19.31871 AU	max. Earth dist.	-6354 Jun 26 j 20:42	16° \mathcal{B} 28'46	19.21717 AU
conjunction	-6359 Jun 03 j 04:41	22° Υ 30'12	-0°06'16	conjunction	-6354 Jun 28 j 02:08	16° \mathcal{B} 33'26	0°16'32
minimum elong	-6359 Jun 03 j 04:40	22° Υ 30'12	0°06'09	minimum elong	-6354 Jun 28 j 02:08	16° \mathcal{B} 33'26	0°16'49
behind sun begin	-6359 Jun 02 j 22:17	22° Υ 29'13		morning rise	-6354 Jul 14 j 07:20	17° \mathcal{B} 34'47	
behind sun end	-6359 Jun 03 j 11:04	22° Υ 31'10		retrograde	-6354 Oct 13 j 07:38	20° \mathcal{B} 57'29	
morning rise	-6359 Jun 19 j 16:15	23° Υ 31'47		opposition	-6354 Dec 25 j 15:31	18° \mathcal{B} 55'11	0°20'50
retrograde	-6359 Sep 19 j 03:53	26° Υ 53'46		min. Earth dist.	-6354 Dec 26 j 17:36	18° \mathcal{B} 52'21	17.21616 AU
opposition	-6359 Dec 01 j 06:32	24° Υ 51'27	-0°04'25	direct	-6353 Mar 12 j 08:07	16° \mathcal{B} 48'11	
min. Earth dist.	-6359 Dec 02 j 10:52	24° Υ 48'21	17.30286 AU	evening set	-6353 Jun 16 j 21:13	20° \mathcal{B} 20'48	
direct	-6358 Feb 15 j 11:59	22° Υ 44'50		max. Earth dist.	-6353 Jul 02 j 00:57	21° \mathcal{B} 18'07	19.21612 AU
evening set	-6358 May 22 j 18:47	26° Υ 15'41					
max. Earth dist.	-6358 Jun 06 j 23:38	27° Υ 12'34	19.28731 AU	conjunction	-6353 Jul 03 j 05:30	21° \mathcal{B} 22'39	0°20'52
				minimum elong	-6353 Jul 03 j 05:30	21° \mathcal{B} 22'39	0°21'08
conjunction	-6358 Jun 08 j 09:18	27° Υ 17'51	-0°01'41	morning rise	-6353 Jul 19 j 09:31	22° \mathcal{B} 23'52	
minimum elong	-6358 Jun 08 j 09:18	27° Υ 17'51	0°01'32	retrograde	-6353 Oct 18 j 10:00	25° \mathcal{B} 46'35	
behind sun begin	-6358 Jun 08 j 02:33	27° Υ 16'49		opposition	-6353 Dec 30 j 18:33	23° \mathcal{B} 44'20	0°25'35
behind sun end	-6358 Jun 08 j 16:03	27° Υ 18'53		min. Earth dist.	-6353 Dec 31 j 18:11	23° \mathcal{B} 41'46	17.21867 AU
morning rise	-6358 Jun 24 j 19:42	28° Υ 19'27		direct	-6352 Mar 16 j 14:24	21° \mathcal{B} 37'24	
	-6358 Jul 24 j 07:50	0° \mathcal{B}		evening set	-6352 Jun 21 j 01:22	25° \mathcal{B} 10'01	
retrograde	-6358 Sep 24 j 03:29	1° \mathcal{B} 41'41		max. Earth dist.	-6352 Jul 06 j 06:42	26° \mathcal{B} 07'37	19.22222 AU
asc. node	-6358 Oct 17 j 17:11	1° \mathcal{B} 26'20					
	-6358 Nov 28 j 09:45	30° $\mathcal{R}\Upsilon$		conjunction	-6352 Jul 07 j 08:27	26° \mathcal{B} 11'43	0°25'02

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Attention, astronomical year style is used: The year -6352 in astronomical counting style is the year 6353 BCE in historical counting style.

minimum elong	-6352 Jul 07 j 08:26	26° 8 11'43	0°25'21	min. Earth dist.	-6345 Feb 03 j 07:46	27° II 13'35	17.41230 AU
morning rise	-6352 Jul 23 j 10:57	27° 8 12'46		direct	-6345 Apr 21 j 02:50	25° II 09'38	
	-6352 Sep 16 j 21:36	0° II		evening set	-6345 Jul 25 j 14:52	28° II 38'34	
retrograde	-6352 Oct 22 j 09:52	0° II 35'27					
	-6352 Nov 27 j 20:42	30° 8		conjunction	-6345 Aug 10 j 12:28	29° II 38'33	0°47'49
opposition	-6351 Jan 03 j 22:02	28° 8 33'19	0°30'10	minimum elong	-6345 Aug 10 j 12:28	29° II 38'33	0°48'13
min. Earth dist.	-6351 Jan 04 j 20:55	28° 8 30'50	17.22834 AU	max. Earth dist.	-6345 Aug 10 j 00:34	29° II 36'40	19.43495 AU
direct	-6351 Mar 21 j 18:23	26° 8 26'33			-6345 Aug 16 j 03:56	0° 8	
evening set	-6351 Jun 26 j 05:17	29° 8 59'00		morning rise	-6345 Aug 26 j 06:46	0° 8 38'02	
	-6351 Jun 26 j 11:44	0° II		retrograde	-6345 Nov 25 j 09:18	3° 8 58'56	
max. Earth dist.	-6351 Jul 11 j 10:01	0° II 56'34	19.23552 AU	opposition	-6344 Feb 07 j 23:41	1° 8 57'43	0°54'29
				min. Earth dist.	-6344 Feb 08 j 09:23	1° 8 56'41	17.45895 AU
conjunction	-6351 Jul 12 j 10:50	1° II 00'31	0°29'02		-6344 Apr 08 j 13:35	30° 8 II	
minimum elong	-6351 Jul 12 j 10:50	1° II 00'31	0°29'22	direct	-6344 Apr 25 j 05:17	29° II 52'50	
morning rise	-6351 Jul 28 j 12:13	2° II 01'25			-6344 May 11 j 18:54	0° 8	
retrograde	-6351 Oct 27 j 11:26	5° II 24'00		evening set	-6344 Jul 29 j 13:21	3° 8 20'45	
opposition	-6350 Jan 09 j 01:24	3° II 21'59	0°34'31				
min. Earth dist.	-6350 Jan 09 j 21:52	3° II 19'46	17.24504 AU	conjunction	-6344 Aug 14 j 09:53	4° 8 20'26	0°49'51
direct	-6350 Mar 27 j 01:09	1° II 15'25		minimum elong	-6344 Aug 14 j 09:52	4° 8 20'25	0°50'16
evening set	-6350 Jul 01 j 08:32	4° II 47'38		max. Earth dist.	-6344 Aug 14 j 00:55	4° 8 19'01	19.48347 AU
				morning rise	-6344 Aug 30 j 03:12	5° 8 19'38	
conjunction	-6350 Jul 17 j 12:54	5° II 48'57	0°32'50	retrograde	-6344 Nov 29 j 08:39	8° 8 40'04	
minimum elong	-6350 Jul 17 j 12:54	5° II 48'57	0°33'12	opposition	-6343 Feb 12 j 02:33	6° 8 38'54	0°56'34
max. Earth dist.	-6350 Jul 16 j 15:13	5° II 45'30	19.25548 AU	min. Earth dist.	-6343 Feb 12 j 09:32	6° 8 38'10	17.50914 AU
morning rise	-6350 Aug 02 j 12:50	6° II 49'39		direct	-6343 Apr 30 j 10:02	4° 8 34'20	
retrograde	-6350 Nov 01 j 10:53	10° II 12'05		evening set	-6343 Aug 03 j 11:00	8° 8 01'08	
opposition	-6349 Jan 14 j 05:13	8° II 10'14	0°38'38				
min. Earth dist.	-6349 Jan 15 j 00:37	8° II 08'09	17.26803 AU	conjunction	-6343 Aug 19 j 06:23	9° 8 00'30	0°51'34
direct	-6349 Apr 01 j 06:10	6° II 03'56		minimum elong	-6343 Aug 19 j 06:23	9° 8 00'30	0°51'58
evening set	-6349 Jul 06 j 11:20	9° II 35'44		max. Earth dist.	-6343 Aug 18 j 23:27	8° 8 59'24	19.53548 AU
				morning rise	-6343 Sep 03 j 22:54	9° 8 59'26	
conjunction	-6349 Jul 22 j 14:07	10° II 36'49	0°36'24	retrograde	-6343 Dec 04 j 05:05	13° 8 19'20	
minimum elong	-6349 Jul 22 j 14:07	10° II 36'49	0°36'47	opposition	-6342 Feb 17 j 04:49	11° 8 18'14	0°58'15
max. Earth dist.	-6349 Jul 21 j 17:25	10° II 33'32	19.28151 AU	min. Earth dist.	-6342 Feb 17 j 10:16	11° 8 17'39	17.56300 AU
morning rise	-6349 Aug 07 j 12:57	11° II 37'19		direct	-6342 May 05 j 11:13	9° 8 13'57	
retrograde	-6349 Nov 06 j 11:46	14° II 59'35		evening set	-6342 Aug 08 j 07:32	12° 8 39'35	
opposition	-6348 Jan 19 j 09:05	12° II 57'52	0°42'28				
min. Earth dist.	-6348 Jan 20 j 02:14	12° II 56'02	17.29690 AU	conjunction	-6342 Aug 24 j 01:55	13° 8 38'36	0°52'55
direct	-6348 Apr 05 j 12:23	10° II 51'50		minimum elong	-6342 Aug 24 j 01:55	13° 8 38'36	0°53'20
evening set	-6348 Jul 10 j 13:21	14° II 23'07		max. Earth dist.	-6342 Aug 23 j 21:43	13° 8 37'57	19.59118 AU
				morning rise	-6342 Sep 08 j 17:40	14° 8 37'15	
conjunction	-6348 Jul 26 j 14:56	15° II 23'57	0°39'42	retrograde	-6342 Dec 09 j 03:06	17° 8 56'36	
minimum elong	-6348 Jul 26 j 14:56	15° II 23'57	0°40'05	opposition	-6341 Feb 22 j 06:35	15° 8 55'32	0°59'33
max. Earth dist.	-6348 Jul 25 j 21:26	15° II 21'10	19.31305 AU	min. Earth dist.	-6341 Feb 22 j 08:46	15° 8 55'19	17.62041 AU
morning rise	-6348 Aug 11 j 12:24	16° II 24'12		direct	-6341 May 10 j 14:54	13° 8 51'36	
retrograde	-6348 Nov 10 j 11:17	19° II 46'13		evening set	-6341 Aug 13 j 02:54	17° 8 15'58	
opposition	-6347 Jan 23 j 13:01	17° II 44'40	0°46'00				
min. Earth dist.	-6347 Jan 24 j 04:34	17° II 43'00	17.33091 AU	conjunction	-6341 Aug 28 j 20:18	18° 8 14'40	0°53'55
direct	-6347 Apr 10 j 17:36	15° II 38'55		minimum elong	-6341 Aug 28 j 20:18	18° 8 14'40	0°54'19
evening set	-6347 Jul 15 j 14:40	19° II 09'32		max. Earth dist.	-6341 Aug 28 j 18:48	18° 8 14'26	19.65043 AU
				morning rise	-6341 Sep 13 j 11:20	19° 8 13'01	
conjunction	-6347 Jul 31 j 14:48	20° II 10'05	0°42'43	retrograde	-6341 Dec 13 j 22:05	22° 8 31'48	
minimum elong	-6347 Jul 31 j 14:47	20° II 10'05	0°43'07	opposition	-6340 Feb 27 j 07:56	20° 8 30'48	1°00'27
max. Earth dist.	-6347 Jul 30 j 22:24	20° II 07'29	19.34947 AU	min. Earth dist.	-6340 Feb 27 j 08:25	20° 8 30'45	17.68162 AU
morning rise	-6347 Aug 16 j 11:15	21° II 10'07		direct	-6340 May 14 j 14:35	18° 8 27'12	
retrograde	-6347 Nov 15 j 11:06	24° II 31'49		evening set	-6340 Aug 16 j 21:16	21° 8 50'17	
opposition	-6346 Jan 28 j 16:46	22° II 30'23	0°49'11				
min. Earth dist.	-6346 Jan 29 j 06:21	22° II 28'56	17.36961 AU	conjunction	-6340 Sep 01 j 13:47	22° 8 48'39	0°54'34
direct	-6346 Apr 15 j 21:46	20° II 24'55		minimum elong	-6340 Sep 01 j 13:47	22° 8 48'39	0°54'58
evening set	-6346 Jul 20 j 15:08	23° II 54'45		max. Earth dist.	-6340 Sep 01 j 14:53	22° 8 48'49	19.71356 AU
				morning rise	-6340 Sep 17 j 04:17	23° 8 46'43	
conjunction	-6346 Aug 05 j 14:06	24° II 55'02	0°45'25	retrograde	-6340 Dec 17 j 18:36	27° 8 04'54	
minimum elong	-6346 Aug 05 j 14:05	24° II 55'02	0°45'49	opposition	-6339 Mar 03 j 08:17	25° 8 04'00	1°00'58
max. Earth dist.	-6346 Aug 05 j 00:43	24° II 52'55	19.39026 AU	min. Earth dist.	-6339 Mar 03 j 05:07	25° 8 04'20	17.74655 AU
morning rise	-6346 Aug 21 j 09:20	25° II 54'47		direct	-6339 May 19 j 16:30	23° 8 00'48	
retrograde	-6346 Nov 20 j 10:49	29° II 16'07		evening set	-6339 Aug 21 j 14:33	26° 8 22'33	
opposition	-6345 Feb 02 j 20:18	27° II 14'48	0°52'02				

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Attention, astronomical year style is used: The year -6339 in astronomical counting style is the year 6340 BCE in historical counting style.

conjunction	-6339 Sep 06 j 06:20	27° Ω 20'36	0°54'53	morning rise	-6333 Oct 18 j 04:24	24° Ω 48'28	
minimum elong	-6339 Sep 06 j 06:20	27° Ω 20'36	0°55'16	retrograde	-6332 Jan 18 j 15:54	28° Ω 02'31	
max. Earth dist.	-6339 Sep 06 j 10:25	27° Ω 21'14	19.78023 AU	opposition	-6332 Apr 04 j 15:49	26° Ω 02'40	0°54'27
morning rise	-6339 Sep 21 j 20:18	28° Ω 18'23		min. Earth dist.	-6332 Apr 03 j 22:00	26° Ω 04'29	18.26016 AU
	-6339 Oct 22 j 05:37	0° Ω		direct	-6332 Jun 20 j 13:10	24° Ω 02'43	
retrograde	-6339 Dec 22 j 12:19	1° Ω 35'59		evening set	-6332 Sep 20 j 13:35	27° Ω 14'57	
	-6338 Feb 26 j 07:15	30° \mathbb{R} Ω					
opposition	-6338 Mar 08 j 08:10	29° Ω 35'12	1°01'07	conjunction	-6332 Oct 06 j 02:18	28° Ω 10'55	0°48'06
min. Earth dist.	-6338 Mar 08 j 03:25	29° Ω 35'41	17.81494 AU	minimum elong	-6332 Oct 06 j 02:18	28° Ω 10'55	0°48'21
direct	-6338 May 24 j 14:23	27° Ω 32'26		max. Earth dist.	-6332 Oct 06 j 20:58	28° Ω 13'44	20.29664 AU
	-6338 Aug 11 j 05:37	0° Ω		morning rise	-6332 Oct 21 j 15:33	29° Ω 06'56	
evening set	-6338 Aug 26 j 06:51	0° Ω 52'51			-6332 Nov 06 j 04:02	0° \mathbb{N}	
				retrograde	-6331 Jan 22 j 07:21	2° \mathbb{N} 20'22	
conjunction	-6338 Sep 10 j 21:52	1° Ω 50'34	0°54'52	opposition	-6331 Apr 09 j 10:08	0° \mathbb{N} 20'36	0°52'13
minimum elong	-6338 Sep 10 j 21:52	1° Ω 50'34	0°55'14	min. Earth dist.	-6331 Apr 08 j 14:03	0° \mathbb{N} 22'38	18.33293 AU
max. Earth dist.	-6338 Sep 11 j 04:09	1° Ω 51'33	19.85022 AU		-6331 Apr 17 j 22:29	30° \mathbb{R} Ω	
morning rise	-6338 Sep 26 j 11:29	2° Ω 48'05		direct	-6331 Jun 25 j 05:57	28° Ω 21'02	
retrograde	-6338 Dec 27 j 07:33	6° Ω 05'06			-6331 Aug 27 j 18:57	0° \mathbb{N}	
opposition	-6337 Mar 13 j 07:12	4° Ω 04'27	1°00'53	evening set	-6331 Sep 24 j 23:45	1° \mathbb{N} 31'56	
min. Earth dist.	-6337 Mar 12 j 22:49	4° Ω 05'19	17.88625 AU				
direct	-6337 May 29 j 14:06	2° Ω 02'09		conjunction	-6331 Oct 10 j 12:33	2° \mathbb{N} 27'38	0°45'59
evening set	-6337 Aug 30 j 22:09	5° Ω 21'13		minimum elong	-6331 Oct 10 j 12:33	2° \mathbb{N} 27'38	0°46'12
				max. Earth dist.	-6331 Oct 11 j 09:42	2° \mathbb{N} 30'49	20.36831 AU
conjunction	-6337 Sep 15 j 12:38	6° Ω 18'38	0°54'30	morning rise	-6331 Oct 26 j 01:55	3° \mathbb{N} 23'27	
minimum elong	-6337 Sep 15 j 12:38	6° Ω 18'38	0°54'52	retrograde	-6330 Jan 26 j 20:10	6° \mathbb{N} 36'14	
max. Earth dist.	-6337 Sep 15 j 22:05	6° Ω 20'06	19.92275 AU	min. Earth dist.	-6330 Apr 13 j 06:55	4° \mathbb{N} 38'40	18.40351 AU
morning rise	-6337 Oct 01 j 01:53	7° Ω 15'52		opposition	-6330 Apr 14 j 03:49	4° \mathbb{N} 36'34	0°49'42
retrograde	-6336 Jan 01 j 00:07	10° Ω 32'19		direct	-6330 Jun 29 j 20:47	2° \mathbb{N} 37'22	
opposition	-6336 Mar 17 j 05:45	8° Ω 31'50	1°00'17	evening set	-6330 Sep 29 j 09:05	5° \mathbb{N} 46'54	
min. Earth dist.	-6336 Mar 16 j 19:58	8° Ω 32'50	17.95986 AU				
direct	-6336 Jun 02 j 10:24	6° Ω 30'02		conjunction	-6330 Oct 14 j 21:46	6° \mathbb{N} 42'22	0°43'37
evening set	-6336 Sep 03 j 12:30	9° Ω 47'43		minimum elong	-6330 Oct 14 j 21:46	6° \mathbb{N} 42'22	0°43'50
				max. Earth dist.	-6330 Oct 15 j 19:23	6° \mathbb{N} 45'36	20.43785 AU
conjunction	-6336 Sep 19 j 02:25	10° Ω 44'49	0°53'50	morning rise	-6330 Oct 30 j 11:36	7° \mathbb{N} 37'58	
minimum elong	-6336 Sep 19 j 02:25	10° Ω 44'49	0°54'10	retrograde	-6329 Jan 31 j 10:06	10° \mathbb{N} 50'09	
max. Earth dist.	-6336 Sep 19 j 13:34	10° Ω 46'32	19.99723 AU	opposition	-6329 Apr 18 j 20:35	8° \mathbb{N} 50'30	0°46'57
morning rise	-6336 Oct 04 j 15:35	11° Ω 41'48		min. Earth dist.	-6329 Apr 17 j 21:44	8° \mathbb{N} 52'48	18.47198 AU
retrograde	-6335 Jan 04 j 17:55	14° Ω 57'39		direct	-6329 Jul 04 j 12:10	6° \mathbb{N} 51'37	
opposition	-6335 Mar 22 j 03:20	12° Ω 57'21	0°59'19	evening set	-6329 Oct 03 j 17:34	9° \mathbb{N} 59'51	
min. Earth dist.	-6335 Mar 21 j 14:18	12° Ω 58'41	18.03491 AU				
direct	-6335 Jun 07 j 07:27	10° Ω 56'01		conjunction	-6329 Oct 19 j 06:31	10° \mathbb{N} 55'05	0°41'03
evening set	-6335 Sep 08 j 02:00	14° Ω 12'21		minimum elong	-6329 Oct 19 j 06:31	10° \mathbb{N} 55'05	0°41'13
	-6335 Sep 21 j 03:47	15° Ω		max. Earth dist.	-6329 Oct 20 j 06:42	10° \mathbb{N} 58'41	20.50517 AU
				morning rise	-6329 Nov 03 j 20:36	11° \mathbb{N} 50'30	
conjunction	-6335 Sep 23 j 15:34	15° Ω 09'10	0°52'50	retrograde	-6328 Feb 04 j 21:54	15° \mathbb{N} 02'04	
minimum elong	-6335 Sep 23 j 15:35	15° Ω 09'10	0°53'09	opposition	-6328 Apr 22 j 12:25	13° \mathbb{N} 02'25	0°43'58
max. Earth dist.	-6335 Sep 24 j 05:41	15° Ω 11'19	20.07257 AU	min. Earth dist.	-6328 Apr 21 j 12:40	13° \mathbb{N} 04'49	18.53827 AU
morning rise	-6335 Oct 09 j 04:30	16° Ω 05'53		direct	-6328 Jul 08 j 01:40	11° \mathbb{N} 03'52	
retrograde	-6334 Jan 09 j 09:15	19° Ω 21'08		evening set	-6328 Oct 07 j 01:22	14° \mathbb{N} 10'48	
min. Earth dist.	-6334 Mar 26 j 10:08	17° Ω 22'26	18.11045 AU				
opposition	-6334 Mar 27 j 00:12	17° Ω 21'00	0°58'01	conjunction	-6328 Oct 22 j 14:22	15° \mathbb{N} 05'49	0°38'17
direct	-6334 Jun 12 j 01:51	15° Ω 20'10		minimum elong	-6328 Oct 22 j 14:23	15° \mathbb{N} 05'49	0°38'26
evening set	-6334 Sep 12 j 14:45	18° Ω 35'08		max. Earth dist.	-6328 Oct 23 j 14:59	15° \mathbb{N} 09'28	20.57050 AU
				morning rise	-6328 Nov 07 j 05:07	16° \mathbb{N} 01'04	
conjunction	-6334 Sep 28 j 03:52	19° Ω 31'38	0°51'32	retrograde	-6327 Feb 08 j 10:07	19° \mathbb{N} 12'02	
minimum elong	-6334 Sep 28 j 03:52	19° Ω 31'38	0°51'50	min. Earth dist.	-6327 Apr 26 j 01:54	17° \mathbb{N} 14'57	18.60272 AU
max. Earth dist.	-6334 Sep 28 j 19:07	19° Ω 33'58	20.14815 AU	opposition	-6327 Apr 27 j 03:20	17° \mathbb{N} 12'24	0°40'47
morning rise	-6334 Oct 13 j 16:53	20° Ω 28'07		direct	-6327 Jul 12 j 14:47	15° \mathbb{N} 14'07	
retrograde	-6333 Jan 14 j 01:45	23° Ω 42'46		evening set	-6327 Oct 11 j 08:23	18° \mathbb{N} 19'50	
opposition	-6333 Mar 31 j 20:21	21° Ω 42'47	0°56'23				
min. Earth dist.	-6333 Mar 31 j 03:26	21° Ω 44'30	18.18583 AU	conjunction	-6327 Oct 26 j 21:46	19° \mathbb{N} 14'40	0°35'21
direct	-6333 Jun 16 j 20:33	19° Ω 42'24		minimum elong	-6327 Oct 26 j 21:46	19° \mathbb{N} 14'40	0°35'27
evening set	-6333 Sep 17 j 02:28	22° Ω 56'00		max. Earth dist.	-6327 Oct 28 j 00:53	19° \mathbb{N} 18'41	20.63390 AU
				morning rise	-6327 Nov 11 j 12:51	20° \mathbb{N} 09'45	
conjunction	-6333 Oct 02 j 15:27	23° Ω 52'14	0°49'57	retrograde	-6326 Feb 12 j 20:50	23° \mathbb{N} 20'08	
minimum elong	-6333 Oct 02 j 15:27	23° Ω 52'14	0°50'13	opposition	-6326 May 01 j 17:20	21° \mathbb{N} 20'32	0°37'24
max. Earth dist.	-6333 Oct 03 j 09:28	23° Ω 54'58	20.22303 AU	min. Earth dist.	-6326 Apr 30 j 14:51	21° \mathbb{N} 23'12	18.66521 AU

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Attention, astronomical year style is used: The year -6326 in astronomical counting style is the year 6327 BCE in historical counting style.

direct	-6326 Jul 17 j 03:04	19° <u>♏</u> 22'33		conjunction	-6320 Nov 23 j 13:53	17° <u>♏</u> 37'21	0°11'08
evening set	-6326 Oct 15 j 14:57	22° <u>♏</u> 27'08		minimum elong	-6320 Nov 23 j 13:53	17° <u>♏</u> 37'21	0°11'03
				behind sun begin	-6320 Nov 23 j 08:56	17° <u>♏</u> 36'39	
conjunction	-6326 Oct 31 j 04:30	23° <u>♏</u> 21'46	0°32'14	behind sun end	-6320 Nov 23 j 18:50	17° <u>♏</u> 38'03	
minimum elong	-6326 Oct 31 j 04:30	23° <u>♏</u> 21'46	0°32'19	max. Earth dist.	-6320 Nov 24 j 21:23	17° <u>♏</u> 41'54	21.00922 AU
max. Earth dist.	-6326 Nov 01 j 07:53	23° <u>♏</u> 25'48	20.69556 AU	morning rise	-6320 Dec 09 j 10:22	18° <u>♏</u> 31'48	
morning rise	-6326 Nov 15 j 20:20	24° <u>♏</u> 16'43		retrograde	-6319 Mar 13 j 16:48	21° <u>♏</u> 39'21	
retrograde	-6325 Feb 17 j 07:46	27° <u>♏</u> 26'35		opposition	-6319 May 30 j 23:31	19° <u>♏</u> 40'14	0°10'08
min. Earth dist.	-6325 May 05 j 02:46	25° <u>♏</u> 29'48	18.72605 AU	min. Earth dist.	-6319 May 29 j 17:10	19° <u>♏</u> 43'16	19.02919 AU
opposition	-6325 May 06 j 06:38	25° <u>♏</u> 27'00	0°33'52	direct	-6319 Aug 14 j 15:52	17° <u>♏</u> 44'15	
direct	-6325 Jul 21 j 13:40	23° <u>♏</u> 29'20		evening set	-6319 Nov 12 j 01:08	20° <u>♏</u> 42'49	
evening set	-6325 Oct 19 j 20:43	26° <u>♏</u> 32'49					
				conjunction	-6319 Nov 27 j 18:52	21° <u>♏</u> 36'43	0°07'23
conjunction	-6325 Nov 04 j 10:51	27° <u>♏</u> 27'18	0°28'59	minimum elong	-6319 Nov 27 j 18:52	21° <u>♏</u> 36'43	0°07'16
minimum elong	-6325 Nov 04 j 10:51	27° <u>♏</u> 27'18	0°29'03	behind sun begin	-6319 Nov 27 j 12:50	21° <u>♏</u> 35'53	
max. Earth dist.	-6325 Nov 05 j 16:34	27° <u>♏</u> 31'40	20.75532 AU	behind sun end	-6319 Nov 28 j 00:55	21° <u>♏</u> 37'34	
morning rise	-6325 Nov 20 j 03:11	28° <u>♏</u> 22'07		max. Earth dist.	-6319 Nov 29 j 03:20	21° <u>♏</u> 41'23	21.04683 AU
	-6325 Dec 21 j 06:38	0° <u>♏</u>		morning rise	-6319 Dec 13 j 16:03	22° <u>♏</u> 31'08	
retrograde	-6324 Feb 21 j 17:46	1° <u>♏</u> 31'30		retrograde	-6318 Mar 18 j 00:14	25° <u>♏</u> 38'24	
	-6324 Apr 28 j 00:57	30° <u>♏</u>		min. Earth dist.	-6318 Jun 03 j 01:53	23° <u>♏</u> 42'22	19.06398 AU
opposition	-6324 May 09 j 19:08	29° <u>♏</u> 31'59	0°30'11	opposition	-6318 Jun 04 j 08:15	23° <u>♏</u> 39'20	0°05'56
min. Earth dist.	-6324 May 08 j 14:19	29° <u>♏</u> 34'53	18.78469 AU	direct	-6318 Aug 18 j 23:17	21° <u>♏</u> 43'31	
direct	-6324 Jul 25 j 00:30	27° <u>♏</u> 34'39		evening set	-6318 Nov 16 j 05:20	24° <u>♏</u> 41'30	
	-6324 Oct 11 j 23:37	0° <u>♏</u>					
evening set	-6324 Oct 23 j 02:18	0° <u>♏</u> 37'07		conjunction	-6318 Dec 01 j 23:41	25° <u>♏</u> 35'22	0°03'35
				minimum elong	-6318 Dec 01 j 23:41	25° <u>♏</u> 35'22	0°03'27
conjunction	-6324 Nov 07 j 16:45	1° <u>♏</u> 31'27	0°25'37	behind sun begin	-6318 Dec 01 j 17:10	25° <u>♏</u> 34'27	
minimum elong	-6324 Nov 07 j 16:45	1° <u>♏</u> 31'27	0°25'38	behind sun end	-6318 Dec 02 j 06:13	25° <u>♏</u> 36'16	
max. Earth dist.	-6324 Nov 08 j 22:22	1° <u>♏</u> 35'47	20.81282 AU	max. Earth dist.	-6318 Dec 03 j 06:43	25° <u>♏</u> 39'49	21.07884 AU
morning rise	-6324 Nov 23 j 09:58	2° <u>♏</u> 26'10		morning rise	-6318 Dec 17 j 21:59	26° <u>♏</u> 29'46	
retrograde	-6323 Feb 25 j 03:48	5° <u>♏</u> 35'06		retrograde	-6317 Mar 22 j 08:49	29° <u>♏</u> 36'48	
min. Earth dist.	-6323 May 13 j 01:11	3° <u>♏</u> 38'38	18.84094 AU	min. Earth dist.	-6317 Jun 07 j 11:02	27° <u>♏</u> 40'39	19.09318 AU
opposition	-6323 May 14 j 06:46	3° <u>♏</u> 35'40	0°26'22	opposition	-6317 Jun 08 j 16:33	27° <u>♏</u> 37'43	0°01'43
direct	-6323 Jul 29 j 08:53	1° <u>♏</u> 38'37		direct	-6317 Aug 23 j 04:44	25° <u>♏</u> 42'00	
evening set	-6323 Oct 27 j 07:19	4° <u>♏</u> 40'11		desc. node	-6317 Nov 07 j 08:19	27° <u>♏</u> 57'04	
				evening set	-6317 Nov 20 j 09:11	28° <u>♏</u> 39'28	
conjunction	-6323 Nov 11 j 22:26	5° <u>♏</u> 34'24	0°22'07				
minimum elong	-6323 Nov 11 j 22:26	5° <u>♏</u> 34'24	0°22'08	conjunction	-6317 Dec 06 j 04:35	29° <u>♏</u> 33'19	-0°00'18
max. Earth dist.	-6323 Nov 13 j 05:59	5° <u>♏</u> 38'59	20.86753 AU	minimum elong	-6317 Dec 06 j 04:34	29° <u>♏</u> 33'19	0°00'29
morning rise	-6323 Nov 27 j 16:14	6° <u>♏</u> 29'01		behind sun begin	-6317 Dec 05 j 22:01	29° <u>♏</u> 32'24	
retrograde	-6322 Mar 01 j 13:01	9° <u>♏</u> 37'32		behind sun end	-6317 Dec 06 j 11:08	29° <u>♏</u> 34'14	
min. Earth dist.	-6322 May 17 j 11:35	7° <u>♏</u> 41'14	18.89402 AU	max. Earth dist.	-6317 Dec 07 j 12:17	29° <u>♏</u> 37'51	21.10513 AU
opposition	-6322 May 18 j 17:51	7° <u>♏</u> 38'12	0°22'26		-6317 Dec 13 j 23:19	0° <u>♏</u>	
direct	-6322 Aug 02 j 18:26	5° <u>♏</u> 41'29		morning rise	-6317 Dec 22 j 03:41	0° <u>♏</u> 27'42	
evening set	-6322 Oct 31 j 12:02	8° <u>♏</u> 42'10		retrograde	-6316 Mar 25 j 15:58	3° <u>♏</u> 34'30	
				min. Earth dist.	-6316 Jun 10 j 18:53	1° <u>♏</u> 38'19	19.11651 AU
conjunction	-6322 Nov 16 j 03:35	9° <u>♏</u> 36'16	0°18'32	opposition	-6316 Jun 12 j 00:13	1° <u>♏</u> 35'23	-0°02'29
minimum elong	-6322 Nov 16 j 03:35	9° <u>♏</u> 36'16	0°18'30		-6316 Jul 28 j 17:27	30° <u>♏</u>	
max. Earth dist.	-6322 Nov 17 j 10:40	9° <u>♏</u> 40'47	20.91893 AU	direct	-6316 Aug 26 j 11:12	29° <u>♏</u> 39'44	
morning rise	-6322 Dec 01 j 22:20	10° <u>♏</u> 30'49			-6316 Sep 23 j 13:12	0° <u>♏</u>	
retrograde	-6321 Mar 05 j 22:51	13° <u>♏</u> 39'00		evening set	-6316 Nov 23 j 13:12	2° <u>♏</u> 36'45	
min. Earth dist.	-6321 May 21 j 21:55	11° <u>♏</u> 42'47	18.94360 AU				
opposition	-6321 May 23 j 04:26	11° <u>♏</u> 39'45	0°18'24	conjunction	-6316 Dec 09 j 09:17	3° <u>♏</u> 30'35	-0°04'09
direct	-6321 Aug 07 j 01:26	9° <u>♏</u> 43'17		minimum elong	-6316 Dec 09 j 09:16	3° <u>♏</u> 30'35	0°04'20
evening set	-6321 Nov 04 j 16:32	12° <u>♏</u> 43'12		behind sun begin	-6316 Dec 09 j 02:47	3° <u>♏</u> 29'41	
				behind sun end	-6316 Dec 09 j 15:45	3° <u>♏</u> 31'29	
conjunction	-6321 Nov 20 j 08:53	13° <u>♏</u> 37'14	0°14'52	max. Earth dist.	-6316 Dec 10 j 15:21	3° <u>♏</u> 34'53	21.12574 AU
minimum elong	-6321 Nov 20 j 08:52	13° <u>♏</u> 37'14	0°14'49	morning rise	-6316 Dec 25 j 09:32	4° <u>♏</u> 25'00	
behind sun begin	-6321 Nov 20 j 06:08	13° <u>♏</u> 36'51		retrograde	-6315 Mar 29 j 23:00	7° <u>♏</u> 31'36	
behind sun end	-6321 Nov 20 j 11:37	13° <u>♏</u> 37'37		min. Earth dist.	-6315 Jun 15 j 03:08	5° <u>♏</u> 35'13	19.13450 AU
max. Earth dist.	-6321 Nov 21 j 17:26	13° <u>♏</u> 41'56	20.96637 AU	opposition	-6315 Jun 16 j 07:19	5° <u>♏</u> 32'24	-0°06'39
morning rise	-6321 Dec 06 j 04:19	14° <u>♏</u> 31'43		direct	-6315 Aug 30 j 15:49	3° <u>♏</u> 36'46	
retrograde	-6320 Mar 09 j 07:15	17° <u>♏</u> 39'33		evening set	-6315 Nov 27 j 16:54	6° <u>♏</u> 33'23	
min. Earth dist.	-6320 May 25 j 07:24	15° <u>♏</u> 43'28	18.98880 AU				
opposition	-6320 May 26 j 14:11	15° <u>♏</u> 40'23	0°14'18	conjunction	-6315 Dec 13 j 14:02	7° <u>♏</u> 27'15	-0°07'53
direct	-6320 Aug 10 j 09:51	13° <u>♏</u> 44'12		minimum elong	-6315 Dec 13 j 14:02	7° <u>♏</u> 27'15	0°08'07
evening set	-6320 Nov 07 j 21:01	16° <u>♏</u> 43'24		behind sun begin	-6315 Dec 13 j 08:09	7° <u>♏</u> 26'26	

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Attention, astronomical year style is used: The year -6315 in astronomical counting style is the year 6316 BCE in historical counting style.

behind sun end	-6315 Dec 13 j 19:54	7° <u>M</u> 28'04		evening set	-6309 Dec 21 j 18:32	0° <u>♂</u> 08'27	
max. Earth dist.	-6315 Dec 14 j 20:46	7° <u>M</u> 31'38	21.14115 AU				
morning rise	-6315 Dec 29 j 15:07	8° <u>M</u> 21'42		conjunction	-6308 Jan 06 j 21:33	1° <u>♂</u> 02'49	-0°28'56
retrograde	-6314 Apr 03 j 06:12	11° <u>M</u> 28'07		minimum elong	-6308 Jan 06 j 21:33	1° <u>♂</u> 02'49	0°29'16
min. Earth dist.	-6314 Jun 19 j 09:53	9° <u>M</u> 31'40	19.14743 AU	max. Earth dist.	-6308 Jan 07 j 23:21	1° <u>♂</u> 06'27	21.14079 AU
opposition	-6314 Jun 20 j 13:58	9° <u>M</u> 28'51	-0°10'47	morning rise	-6308 Jan 23 j 04:45	1° <u>♂</u> 57'46	
direct	-6314 Sep 03 j 21:28	7° <u>M</u> 33'12		retrograde	-6308 Apr 27 j 01:12	5° <u>♂</u> 04'12	
evening set	-6314 Dec 01 j 20:42	10° <u>M</u> 29'31		opposition	-6308 Jul 13 j 23:53	3° <u>♂</u> 04'40	-0°33'46
				min. Earth dist.	-6308 Jul 13 j 01:19	3° <u>♂</u> 06'57	19.13395 AU
conjunction	-6314 Dec 17 j 18:35	11° <u>M</u> 23'25	-0°11'35	direct	-6308 Sep 26 j 20:26	1° <u>♂</u> 08'43	
minimum elong	-6314 Dec 17 j 18:35	11° <u>M</u> 23'25	0°11'49	evening set	-6308 Dec 25 j 00:09	4° <u>♂</u> 05'09	
behind sun begin	-6314 Dec 17 j 13:57	11° <u>M</u> 22'47					
behind sun end	-6314 Dec 17 j 23:13	11° <u>M</u> 24'04		conjunction	-6307 Jan 10 j 04:00	4° <u>♂</u> 59'38	-0°32'05
max. Earth dist.	-6314 Dec 18 j 23:43	11° <u>M</u> 27'34	21.15180 AU	minimum elong	-6307 Jan 10 j 04:00	4° <u>♂</u> 59'38	0°32'27
morning rise	-6313 Jan 02 j 20:52	12° <u>M</u> 17'55		max. Earth dist.	-6307 Jan 11 j 03:13	5° <u>♂</u> 02'55	21.12522 AU
	-6313 Mar 06 j 15:02	15° <u>M</u>		morning rise	-6307 Jan 26 j 12:20	5° <u>♂</u> 54'43	
retrograde	-6313 Apr 07 j 12:32	15° <u>M</u> 24'13		retrograde	-6307 May 01 j 08:57	9° <u>♂</u> 01'20	
	-6313 May 09 j 22:39	15° <u>κ</u> <u>M</u>		min. Earth dist.	-6307 Jul 17 j 08:47	7° <u>♂</u> 03'49	19.11589 AU
opposition	-6313 Jun 24 j 20:21	13° <u>M</u> 24'53	-0°14'51	opposition	-6307 Jul 18 j 05:08	7° <u>♂</u> 01'45	-0°37'10
min. Earth dist.	-6313 Jun 23 j 17:30	13° <u>M</u> 27'34	19.15589 AU	direct	-6307 Sep 30 j 23:08	5° <u>♂</u> 05'42	
direct	-6313 Sep 08 j 01:09	11° <u>M</u> 29'11		evening set	-6307 Dec 29 j 06:07	8° <u>♂</u> 02'27	
evening set	-6313 Dec 06 j 00:35	14° <u>M</u> 25'18					
	-6313 Dec 16 j 07:58	15° <u>M</u>		conjunction	-6306 Jan 14 j 11:10	8° <u>♂</u> 57'06	-0°35'05
				minimum elong	-6306 Jan 14 j 11:10	8° <u>♂</u> 57'06	0°35'27
conjunction	-6313 Dec 21 j 23:35	15° <u>M</u> 19'15	-0°15'13	max. Earth dist.	-6306 Jan 15 j 09:52	9° <u>♂</u> 00'19	21.10457 AU
minimum elong	-6313 Dec 21 j 23:35	15° <u>M</u> 19'15	0°15'29	morning rise	-6306 Jan 30 j 20:18	9° <u>♂</u> 52'21	
behind sun begin	-6313 Dec 21 j 21:48	15° <u>M</u> 19'00		retrograde	-6306 May 05 j 17:50	12° <u>♂</u> 59'10	
behind sun end	-6313 Dec 22 j 01:23	15° <u>M</u> 19'30		opposition	-6306 Jul 22 j 10:22	10° <u>♂</u> 59'33	-0°40'25
max. Earth dist.	-6313 Dec 23 j 05:13	15° <u>M</u> 23'28	21.15803 AU	min. Earth dist.	-6306 Jul 21 j 15:00	11° <u>♂</u> 01'31	19.09249 AU
morning rise	-6312 Jan 07 j 02:42	16° <u>M</u> 13'48		direct	-6306 Oct 05 j 04:06	9° <u>♂</u> 03'21	
retrograde	-6312 Apr 10 j 19:48	19° <u>M</u> 20'01		evening set	-6305 Jan 02 j 12:46	12° <u>♂</u> 00'30	
min. Earth dist.	-6312 Jun 26 j 23:27	17° <u>M</u> 23'18	19.15996 AU				
opposition	-6312 Jun 28 j 02:06	17° <u>M</u> 20'37	-0°18'50	conjunction	-6305 Jan 18 j 18:42	12° <u>♂</u> 55'19	-0°37'55
direct	-6312 Sep 11 j 05:59	15° <u>M</u> 24'54		minimum elong	-6305 Jan 18 j 18:42	12° <u>♂</u> 55'19	0°38'18
evening set	-6312 Dec 09 j 04:46	18° <u>M</u> 20'54		max. Earth dist.	-6305 Jan 19 j 14:24	12° <u>♂</u> 58'06	21.07844 AU
				morning rise	-6305 Feb 04 j 04:59	13° <u>♂</u> 50'44	
conjunction	-6312 Dec 25 j 04:35	19° <u>M</u> 14'56	-0°18'47	retrograde	-6305 May 10 j 02:04	16° <u>♂</u> 57'47	
minimum elong	-6312 Dec 25 j 04:35	19° <u>M</u> 14'56	0°19'04	opposition	-6305 Jul 26 j 15:52	14° <u>♂</u> 58'06	-0°43'27
max. Earth dist.	-6312 Dec 26 j 08:18	19° <u>M</u> 18'51	21.16005 AU	min. Earth dist.	-6305 Jul 25 j 23:06	14° <u>♂</u> 59'49	19.06352 AU
morning rise	-6311 Jan 10 j 08:53	20° <u>M</u> 09'33		direct	-6305 Oct 09 j 07:07	13° <u>♂</u> 01'42	
retrograde	-6311 Apr 15 j 02:20	23° <u>M</u> 15'46		evening set	-6304 Jan 06 j 19:58	15° <u>♂</u> 59'19	
min. Earth dist.	-6311 Jul 01 j 06:36	21° <u>M</u> 18'50	19.15994 AU				
opposition	-6311 Jul 02 j 07:51	21° <u>M</u> 16'18	-0°22'44	conjunction	-6304 Jan 23 j 03:08	16° <u>♂</u> 54'20	-0°40'35
direct	-6311 Sep 15 j 09:02	19° <u>M</u> 20'32		minimum elong	-6304 Jan 23 j 03:07	16° <u>♂</u> 54'20	0°40'58
evening set	-6311 Dec 13 j 08:52	22° <u>M</u> 16'30		max. Earth dist.	-6304 Jan 23 j 21:49	16° <u>♂</u> 56'59	21.04657 AU
				morning rise	-6304 Feb 08 j 14:11	17° <u>♂</u> 49'55	
conjunction	-6311 Dec 29 j 09:50	23° <u>M</u> 10'37	-0°22'16	retrograde	-6304 May 13 j 11:29	20° <u>♂</u> 57'13	
minimum elong	-6311 Dec 29 j 09:50	23° <u>M</u> 10'37	0°22'34	opposition	-6304 Jul 29 j 21:10	18° <u>♂</u> 57'26	-0°46'18
max. Earth dist.	-6311 Dec 30 j 13:51	23° <u>M</u> 14'35	21.15790 AU	min. Earth dist.	-6304 Jul 29 j 05:38	18° <u>♂</u> 59'01	19.02870 AU
morning rise	-6310 Jan 14 j 14:58	24° <u>M</u> 05'20		direct	-6304 Oct 12 j 12:53	17° <u>♂</u> 00'48	
retrograde	-6310 Apr 19 j 09:49	27° <u>M</u> 11'34		evening set	-6303 Jan 10 j 03:52	19° <u>♂</u> 58'56	
opposition	-6310 Jul 06 j 13:18	25° <u>M</u> 12'05	-0°26'32				
min. Earth dist.	-6310 Jul 05 j 12:19	25° <u>M</u> 14'36	19.15563 AU	conjunction	-6303 Jan 26 j 11:53	20° <u>♂</u> 54'09	-0°43'03
direct	-6310 Sep 19 j 13:16	23° <u>M</u> 16'16		minimum elong	-6303 Jan 26 j 11:53	20° <u>♂</u> 54'09	0°43'27
evening set	-6310 Dec 17 j 13:34	26° <u>M</u> 12'18		max. Earth dist.	-6303 Jan 27 j 03:16	20° <u>♂</u> 56'20	21.00902 AU
				morning rise	-6303 Feb 12 j 00:02	21° <u>♂</u> 49'56	
conjunction	-6309 Jan 02 j 15:23	27° <u>M</u> 06'31	-0°25'40	retrograde	-6303 May 17 j 19:59	24° <u>♂</u> 57'31	
minimum elong	-6309 Jan 02 j 15:23	27° <u>M</u> 06'31	0°25'59	opposition	-6303 Aug 03 j 02:51	22° <u>♂</u> 57'36	-0°48'56
max. Earth dist.	-6309 Jan 03 j 17:15	27° <u>M</u> 10'11	21.15155 AU	min. Earth dist.	-6303 Aug 02 j 14:02	22° <u>♂</u> 58'55	18.98847 AU
morning rise	-6309 Jan 18 j 21:43	28° <u>M</u> 01'21		direct	-6303 Oct 16 j 16:45	21° <u>♂</u> 00'40	
	-6309 Feb 28 j 12:44	0° <u>♂</u>		evening set	-6302 Jan 14 j 11:58	23° <u>♂</u> 59'24	
retrograde	-6309 Apr 23 j 17:04	1° <u>♂</u> 07'40					
	-6309 Jun 18 j 14:34	30° <u>κ</u> <u>M</u>		conjunction	-6302 Jan 30 j 21:12	24° <u>♂</u> 54'50	-0°45'19
opposition	-6309 Jul 10 j 18:41	29° <u>M</u> 08'09	-0°30'13	minimum elong	-6302 Jan 30 j 21:12	24° <u>♂</u> 54'50	0°45'44
min. Earth dist.	-6309 Jul 09 j 19:27	29° <u>M</u> 10'29	19.14713 AU	max. Earth dist.	-6302 Jan 31 j 11:36	24° <u>♂</u> 56'53	20.96627 AU
direct	-6309 Sep 23 j 16:07	27° <u>M</u> 12'16		morning rise	-6302 Feb 16 j 10:04	25° <u>♂</u> 50'49	
	-6309 Dec 19 j 04:59	0° <u>♂</u>		retrograde	-6302 May 22 j 05:48	28° <u>♂</u> 58'42	

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Attention, astronomical year style is used: The year -6302 in astronomical counting style is the year 6303 BCE in historical counting style.

opposition	-6302 Aug 07 j 08:29	26° \mathring{A} 58'38	-0°51'19	conjunction	-6295 Mar 01 j 10:00	23° \mathring{B} 32'26	-0°54'32
min. Earth dist.	-6302 Aug 06 j 20:48	26° \mathring{A} 59'50	18.94324 AU	minimum elong	-6295 Mar 01 j 10:00	23° \mathring{B} 32'26	0°54'56
direct	-6302 Oct 20 j 22:49	25° \mathring{A} 01'23		max. Earth dist.	-6295 Mar 01 j 08:27	23° \mathring{B} 32'13	20.57110 AU
evening set	-6301 Jan 18 j 21:02	28° \mathring{A} 00'46		morning rise	-6295 Mar 18 j 04:00	24° \mathring{B} 30'07	
				retrograde	-6295 Jun 20 j 12:02	27° \mathring{B} 41'10	
conjunction	-6301 Feb 04 j 07:07	28° \mathring{A} 56'26	-0°47'22	opposition	-6295 Sep 04 j 08:20	25° \mathring{B} 40'12	-1°00'38
minimum elong	-6301 Feb 04 j 07:07	28° \mathring{A} 56'26	0°47'46	min. Earth dist.	-6295 Sep 04 j 10:22	25° \mathring{B} 39'59	18.53882 AU
max. Earth dist.	-6301 Feb 04 j 18:17	28° \mathring{A} 58'01	20.91889 AU	direct	-6295 Nov 17 j 20:31	23° \mathring{B} 40'28	
morning rise	-6301 Feb 20 j 21:01	29° \mathring{A} 52'38		evening set	-6294 Feb 17 j 08:55	26° \mathring{B} 46'38	
	-6301 Feb 23 j 02:19	0° \mathring{B}					
retrograde	-6301 May 26 j 15:04	3° \mathring{B} 00'51		conjunction	-6294 Mar 06 j 01:25	27° \mathring{B} 44'15	-0°54'47
opposition	-6301 Aug 11 j 14:20	1° \mathring{B} 00'37	-0°53'28	minimum elong	-6294 Mar 06 j 01:25	27° \mathring{B} 44'15	0°55'09
min. Earth dist.	-6301 Aug 11 j 05:23	1° \mathring{B} 01'32	18.89384 AU	max. Earth dist.	-6294 Mar 05 j 22:28	27° \mathring{B} 43'50	20.50594 AU
	-6301 Sep 06 j 07:21	30° \mathring{R} \mathring{A}		morning rise	-6294 Mar 22 j 19:50	28° \mathring{B} 42'12	
direct	-6301 Oct 25 j 03:38	29° \mathring{A} 03'00			-6294 Apr 16 j 03:16	0° \mathring{B}	
	-6301 Dec 11 j 19:57	0° \mathring{B}		retrograde	-6294 Jun 25 j 03:04	1° \mathring{B} 53'52	
evening set	-6300 Jan 23 j 06:37	2° \mathring{B} 03'08			-6294 Sep 05 j 21:03	30° \mathring{R} \mathring{B}	
				opposition	-6294 Sep 08 j 17:04	29° \mathring{B} 52'49	-1°00'46
conjunction	-6300 Feb 08 j 17:52	2° \mathring{B} 59'03	-0°49'11	min. Earth dist.	-6294 Sep 08 j 20:14	29° \mathring{B} 52'29	18.47262 AU
minimum elong	-6300 Feb 08 j 17:52	2° \mathring{B} 59'03	0°49'36	direct	-6294 Nov 22 j 07:09	27° \mathring{B} 52'43	
max. Earth dist.	-6300 Feb 09 j 03:59	3° \mathring{B} 00'30	20.86761 AU		-6293 Feb 03 j 14:35	0° \mathring{B}	
morning rise	-6300 Feb 25 j 08:25	3° \mathring{B} 55'28		evening set	-6293 Feb 22 j 00:48	1° \mathring{B} 00'08	
retrograde	-6300 May 30 j 01:34	7° \mathring{B} 04'03					
opposition	-6300 Aug 14 j 20:18	5° \mathring{B} 03'40	-0°55'22	conjunction	-6293 Mar 10 j 17:55	1° \mathring{B} 58'05	-0°54'44
min. Earth dist.	-6300 Aug 14 j 12:21	5° \mathring{B} 04'29	18.84078 AU	minimum elong	-6293 Mar 10 j 17:55	1° \mathring{B} 58'05	0°55'07
direct	-6300 Oct 28 j 09:48	3° \mathring{B} 05'42		max. Earth dist.	-6293 Mar 10 j 11:39	1° \mathring{B} 57'10	20.43870 AU
evening set	-6299 Jan 26 j 16:58	6° \mathring{B} 06'39		morning rise	-6293 Mar 27 j 12:49	2° \mathring{B} 56'18	
				retrograde	-6293 Jun 29 j 15:50	6° \mathring{B} 08'33	
conjunction	-6299 Feb 12 j 04:58	7° \mathring{B} 02'49	-0°50'46	opposition	-6293 Sep 13 j 02:33	4° \mathring{B} 07'27	-1°00'34
minimum elong	-6299 Feb 12 j 04:58	7° \mathring{B} 02'48	0°51'10	min. Earth dist.	-6293 Sep 13 j 08:55	4° \mathring{B} 06'46	18.40438 AU
max. Earth dist.	-6299 Feb 12 j 11:57	7° \mathring{B} 03'48	20.81297 AU	direct	-6293 Nov 26 j 15:53	2° \mathring{B} 06'58	
morning rise	-6299 Feb 28 j 20:25	7° \mathring{B} 59'28		evening set	-6292 Feb 26 j 17:38	5° \mathring{B} 15'41	
retrograde	-6299 Jun 03 j 11:55	11° \mathring{B} 08'29					
opposition	-6299 Aug 19 j 02:43	9° \mathring{B} 07'55	-0°56'59	conjunction	-6292 Mar 14 j 11:31	6° \mathring{B} 13'56	-0°54'24
min. Earth dist.	-6299 Aug 18 j 21:22	9° \mathring{B} 08'29	18.78477 AU	minimum elong	-6292 Mar 14 j 11:31	6° \mathring{B} 13'56	0°54'44
direct	-6299 Nov 01 j 15:26	7° \mathring{B} 09'35		max. Earth dist.	-6292 Mar 14 j 03:18	6° \mathring{B} 12'44	20.36938 AU
evening set	-6298 Jan 31 j 03:56	10° \mathring{B} 11'26		morning rise	-6292 Mar 31 j 06:42	7° \mathring{B} 12'25	
				retrograde	-6292 Jul 03 j 08:06	10° \mathring{B} 25'18	
conjunction	-6298 Feb 16 j 17:03	11° \mathring{B} 07'52	-0°52'06	opposition	-6292 Sep 16 j 12:42	8° \mathring{B} 24'05	-1°00'02
minimum elong	-6298 Feb 16 j 17:03	11° \mathring{B} 07'52	0°52'31	min. Earth dist.	-6292 Sep 16 j 20:18	8° \mathring{B} 23'17	18.33390 AU
max. Earth dist.	-6298 Feb 16 j 23:00	11° \mathring{B} 08'44	20.75569 AU	direct	-6292 Nov 30 j 04:48	6° \mathring{B} 23'14	
morning rise	-6298 Mar 05 j 09:04	12° \mathring{B} 04'46		evening set	-6291 Mar 02 j 11:25	9° \mathring{B} 33'14	
retrograde	-6298 Jun 07 j 23:31	15° \mathring{B} 14'14					
opposition	-6298 Aug 23 j 09:18	13° \mathring{B} 13'33	-0°58'20	conjunction	-6291 Mar 19 j 05:47	10° \mathring{B} 31'48	-0°53'44
min. Earth dist.	-6298 Aug 23 j 04:50	13° \mathring{B} 14'01	18.72627 AU	minimum elong	-6291 Mar 19 j 05:47	10° \mathring{B} 31'48	0°54'04
direct	-6298 Nov 05 j 22:27	11° \mathring{B} 14'51		max. Earth dist.	-6291 Mar 18 j 18:19	10° \mathring{B} 30'07	20.29775 AU
evening set	-6297 Feb 04 j 15:52	14° \mathring{B} 17'40		morning rise	-6291 Apr 05 j 01:15	11° \mathring{B} 30'33	
				retrograde	-6291 Jul 07 j 21:46	14° \mathring{B} 44'03	
conjunction	-6297 Feb 21 j 05:45	15° \mathring{B} 14'23	-0°53'11	opposition	-6291 Sep 20 j 23:45	12° \mathring{B} 42'44	-0°59'09
minimum elong	-6297 Feb 21 j 05:45	15° \mathring{B} 14'23	0°53'35	min. Earth dist.	-6291 Sep 21 j 10:29	12° \mathring{B} 41'35	18.26132 AU
max. Earth dist.	-6297 Feb 21 j 08:33	15° \mathring{B} 14'47	20.69610 AU	direct	-6291 Dec 04 j 15:35	10° \mathring{B} 41'25	
morning rise	-6297 Mar 09 j 22:37	16° \mathring{B} 11'32		evening set	-6290 Mar 07 j 06:09	13° \mathring{B} 52'46	
retrograde	-6297 Jun 12 j 10:49	19° \mathring{B} 21'30		max. Earth dist.	-6290 Mar 23 j 11:30	14° \mathring{B} 49'38	20.22430 AU
opposition	-6297 Aug 27 j 16:33	17° \mathring{B} 20'42	-0°59'24				
min. Earth dist.	-6297 Aug 27 j 14:47	17° \mathring{B} 20'53	18.66567 AU	conjunction	-6290 Mar 24 j 01:09	14° \mathring{B} 51'39	-0°52'46
direct	-6297 Nov 10 j 04:44	15° \mathring{B} 21'38		minimum elong	-6290 Mar 24 j 01:09	14° \mathring{B} 51'39	0°53'06
evening set	-6296 Feb 09 j 04:38	18° \mathring{B} 25'31			-6290 Mar 26 j 09:49	15° \mathring{B}	
				morning rise	-6290 Apr 09 j 20:48	15° \mathring{B} 50'40	
conjunction	-6296 Feb 25 j 19:32	19° \mathring{B} 22'32	-0°54'00	retrograde	-6290 Jul 12 j 15:06	19° \mathring{B} 04'46	
minimum elong	-6296 Feb 25 j 19:32	19° \mathring{B} 22'32	0°54'23	opposition	-6290 Sep 25 j 11:13	17° \mathring{B} 03'18	-0°57'56
max. Earth dist.	-6296 Feb 25 j 21:07	19° \mathring{B} 22'45	20.63454 AU	min. Earth dist.	-6290 Sep 25 j 23:08	17° \mathring{B} 02'01	18.18704 AU
morning rise	-6296 Mar 13 j 12:52	20° \mathring{B} 19'56		direct	-6290 Dec 09 j 06:26	15° \mathring{B} 01'32	
retrograde	-6296 Jun 16 j 00:08	23° \mathring{B} 30'26		evening set	-6289 Mar 12 j 01:58	18° \mathring{B} 14'12	
opposition	-6296 Aug 31 j 00:02	21° \mathring{B} 29'32	-1°00'10				
min. Earth dist.	-6296 Aug 30 j 23:13	21° \mathring{B} 29'37	18.60311 AU	conjunction	-6289 Mar 28 j 21:23	19° \mathring{B} 13'24	-0°51'30
direct	-6296 Nov 13 j 13:25	19° \mathring{B} 30'08		minimum elong	-6289 Mar 28 j 21:23	19° \mathring{B} 13'24	0°51'47
evening set	-6295 Feb 12 j 18:26	22° \mathring{B} 35'07		max. Earth dist.	-6289 Mar 28 j 04:49	19° \mathring{B} 10'58	20.14933 AU

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Attention, astronomical year style is used: The year -6289 in astronomical counting style is the year 6290 BCE in historical counting style.

morning rise	-6289 Apr 14 j 17:10	20° \approx 12'41	direct	-6282 Jan 09 j 02:04	16° \approx 15'28	
retrograde	-6289 Jul 17 j 06:07	23° \approx 27'23	evening set	-6282 Apr 13 j 20:07	19° \approx 37'46	
opposition	-6289 Sep 29 j 23:40	21° \approx 25'45 -0°56'22	max. Earth dist.	-6282 Apr 29 j 11:03	20° \approx 34'29	19.65077 AU
min. Earth dist.	-6289 Sep 30 j 14:36	21° \approx 24'09 18.11164 AU				
direct	-6289 Dec 13 j 19:20	19° \approx 23'30	conjunction	-6282 Apr 30 j 16:09	20° \approx 38'56 -0°34'16	
evening set	-6288 Mar 15 j 22:35	22° \approx 37'33	minimum elong	-6282 Apr 30 j 16:09	20° \approx 38'56 0°34'23	
			morning rise	-6282 May 17 j 10:14	21° \approx 39'50	
conjunction	-6288 Apr 01 j 18:24	23° \approx 37'03 -0°49'54	retrograde	-6282 Aug 17 j 22:16	24° \approx 58'43	
minimum elong	-6288 Apr 01 j 18:24	23° \approx 37'03 0°50'11	opposition	-6282 Oct 30 j 12:05	22° \approx 56'20 -0°36'15	
max. Earth dist.	-6288 Mar 31 j 23:40	23° \approx 34'16 20.07373 AU	min. Earth dist.	-6282 Oct 31 j 11:59	22° \approx 53'43 17.62080 AU	
morning rise	-6288 Apr 18 j 14:14	24° \approx 36'35	direct	-6281 Jan 13 j 22:58	20° \approx 51'11	
retrograde	-6288 Jul 21 j 00:26	27° \approx 51'53	evening set	-6281 Apr 18 j 22:38	24° \approx 14'52	
opposition	-6288 Oct 03 j 12:37	25° \approx 50'05 -0°54'27				
min. Earth dist.	-6288 Oct 04 j 04:28	25° \approx 48'23 18.03600 AU	conjunction	-6281 May 05 j 18:30	25° \approx 16'15 -0°30'44	
direct	-6288 Dec 17 j 11:37	23° \approx 47'21	minimum elong	-6281 May 05 j 18:30	25° \approx 16'15 0°30'49	
evening set	-6287 Mar 20 j 20:06	27° \approx 02'45	max. Earth dist.	-6281 May 04 j 13:17	25° \approx 11'46 19.59119 AU	
			morning rise	-6281 May 22 j 11:46	26° \approx 17'19	
conjunction	-6287 Apr 06 j 16:12	28° \approx 02'34 -0°48'01	retrograde	-6281 Aug 22 j 19:53	29° \approx 36'47	
minimum elong	-6287 Apr 06 j 16:12	28° \approx 02'34 0°48'16	opposition	-6281 Nov 04 j 07:13	27° \approx 34'26 -0°32'12	
max. Earth dist.	-6287 Apr 05 j 19:20	27° \approx 59'27 19.99821 AU	min. Earth dist.	-6281 Nov 05 j 08:33	27° \approx 31'39 17.56309 AU	
morning rise	-6287 Apr 23 j 11:54	29° \approx 02'21	direct	-6280 Jan 18 j 18:54	25° \approx 29'02	
	-6287 May 10 j 14:58	0° \approx	evening set	-6280 Apr 23 j 01:55	28° \approx 54'00	
retrograde	-6287 Jul 25 j 17:03	2° \approx 18'14				
opposition	-6287 Oct 08 j 02:31	0° \approx 16'17 -0°52'12	conjunction	-6280 May 09 j 21:10	29° \approx 55'35 -0°26'59	
min. Earth dist.	-6287 Oct 08 j 20:57	0° \approx 14'17 17.96097 AU	minimum elong	-6280 May 09 j 21:10	29° \approx 55'35 0°27'01	
	-6287 Oct 14 j 09:32	30° \approx	max. Earth dist.	-6280 May 08 j 13:52	29° \approx 50'46 19.53538 AU	
direct	-6287 Dec 22 j 02:20	28° \approx 13'03		-6280 May 11 j 01:48	0° \approx	
	-6286 Feb 26 j 06:07	0° \approx	morning rise	-6280 May 26 j 13:51	0° \approx 56'49	
evening set	-6286 Mar 25 j 18:21	1° \approx 29'51	retrograde	-6280 Aug 26 j 19:32	4° \approx 16'51	
			opposition	-6280 Nov 08 j 03:11	2° \approx 14'31 -0°27'53	
conjunction	-6286 Apr 11 j 14:39	2° \approx 29'57 -0°45'50	min. Earth dist.	-6280 Nov 09 j 05:10	2° \approx 11'40 17.50920 AU	
minimum elong	-6286 Apr 11 j 14:39	2° \approx 29'57 0°46'03	direct	-6279 Jan 22 j 17:35	0° \approx 08'53	
max. Earth dist.	-6286 Apr 10 j 15:43	2° \approx 26'30 19.92384 AU	evening set	-6279 Apr 28 j 05:47	3° \approx 35'06	
morning rise	-6286 Apr 28 j 10:19	3° \approx 29'59	max. Earth dist.	-6279 May 13 j 17:36	4° \approx 32'04 19.48321 AU	
retrograde	-6286 Jul 30 j 12:39	6° \approx 46'28				
opposition	-6286 Oct 12 j 17:04	4° \approx 44'22 -0°49'38	conjunction	-6279 May 15 j 00:39	4° \approx 36'52 -0°23'00	
min. Earth dist.	-6286 Oct 13 j 12:09	4° \approx 42'18 17.88739 AU	minimum elong	-6279 May 15 j 00:39	4° \approx 36'52 0°23'00	
direct	-6286 Dec 26 j 20:08	2° \approx 40'40	morning rise	-6279 May 31 j 16:21	5° \approx 38'14	
evening set	-6285 Mar 30 j 17:36	5° \approx 58'51	retrograde	-6279 Aug 31 j 18:04	8° \approx 58'46	
			opposition	-6279 Nov 13 j 00:06	6° \approx 56'28 -0°23'22	
conjunction	-6285 Apr 16 j 14:03	6° \approx 59'14 -0°43'21	min. Earth dist.	-6279 Nov 14 j 03:05	6° \approx 53'31 17.45883 AU	
minimum elong	-6285 Apr 16 j 14:03	6° \approx 59'14 0°43'32	direct	-6278 Jan 27 j 16:05	4° \approx 50'38	
max. Earth dist.	-6285 Apr 15 j 13:42	6° \approx 55'34 19.85112 AU	evening set	-6278 May 03 j 10:23	8° \approx 18'00	
morning rise	-6285 May 03 j 09:20	7° \approx 59'30	max. Earth dist.	-6278 May 18 j 19:23	9° \approx 14'46 19.43463 AU	
retrograde	-6285 Aug 04 j 06:45	11° \approx 16'35				
opposition	-6285 Oct 17 j 08:31	9° \approx 14'22 -0°46'44	conjunction	-6278 May 20 j 04:28	9° \approx 19'54 -0°18'51	
min. Earth dist.	-6285 Oct 18 j 05:49	9° \approx 12'03 17.81590 AU	minimum elong	-6278 May 20 j 04:28	9° \approx 19'54 0°18'50	
direct	-6285 Dec 31 j 12:36	7° \approx 10'14	morning rise	-6278 Jun 05 j 19:25	10° \approx 21'23	
evening set	-6284 Apr 03 j 17:43	10° \approx 29'49	retrograde	-6278 Sep 05 j 17:48	13° \approx 42'24	
max. Earth dist.	-6284 Apr 19 j 11:38	11° \approx 26'28 19.78104 AU	opposition	-6278 Nov 17 j 21:56	11° \approx 40'05 -0°18'39	
			min. Earth dist.	-6278 Nov 19 j 01:42	11° \approx 37'03 17.41211 AU	
conjunction	-6284 Apr 20 j 14:04	11° \approx 30'28 -0°40'36	direct	-6277 Feb 01 j 16:48	9° \approx 34'02	
minimum elong	-6284 Apr 20 j 14:04	11° \approx 30'28 0°40'45	evening set	-6277 May 08 j 15:22	13° \approx 02'27	
morning rise	-6284 May 07 j 09:07	12° \approx 30'57	max. Earth dist.	-6277 May 24 j 00:12	13° \approx 59'24 19.38966 AU	
retrograde	-6284 Aug 08 j 03:53	15° \approx 48'38				
opposition	-6284 Oct 21 j 00:50	13° \approx 46'19 -0°43'32	conjunction	-6277 May 25 j 08:51	14° \approx 04'29 -0°14'34	
min. Earth dist.	-6284 Oct 21 j 22:31	13° \approx 43'58 17.74738 AU	minimum elong	-6277 May 25 j 08:50	14° \approx 04'29 0°14'29	
direct	-6283 Jan 04 j 08:02	11° \approx 41'49	behind sun begin	-6277 May 25 j 06:02	14° \approx 04'04	
evening set	-6283 Apr 08 j 18:23	15° \approx 02'45	behind sun end	-6277 May 25 j 11:39	14° \approx 04'55	
max. Earth dist.	-6283 Apr 24 j 11:44	15° \approx 59'34 19.71406 AU	morning rise	-6277 Jun 10 j 22:38	15° \approx 06'02	
			retrograde	-6277 Sep 10 j 17:13	18° \approx 27'28	
conjunction	-6283 Apr 25 j 14:44	16° \approx 03'40 -0°37'34	opposition	-6277 Nov 22 j 20:36	16° \approx 25'09 -0°13'47	
minimum elong	-6283 Apr 25 j 14:44	16° \approx 03'40 0°37'43	min. Earth dist.	-6277 Nov 24 j 00:43	16° \approx 22'04 17.36899 AU	
morning rise	-6283 May 12 j 09:11	17° \approx 04'22	direct	-6276 Feb 06 j 18:41	14° \approx 18'54	
retrograde	-6283 Aug 12 j 23:41	20° \approx 22'40	evening set	-6276 May 12 j 20:51	17° \approx 48'16	
opposition	-6283 Oct 25 j 18:08	18° \approx 20'18 -0°40'02	max. Earth dist.	-6276 May 28 j 03:16	18° \approx 45'04 19.34857 AU	
min. Earth dist.	-6283 Oct 26 j 17:31	18° \approx 17'45 17.68218 AU				

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Attention, astronomical year style is used: The year -6276 in astronomical counting style is the year 6277 BCE in historical counting style.

conjunction	-6276 May 29 j 13:19	18° Υ 50'23	-0°10'09	behind sun end	-6271 Jun 23 j 15:41	12° S 52'12	
minimum elong	-6276 May 29 j 13:19	18° Υ 50'23	0°10'03	morning rise	-6271 Jul 09 j 18:18	13° S 53'03	
behind sun begin	-6276 May 29 j 07:56	18° Υ 49'34			-6271 Jul 28 j 13:58	15° S	
behind sun end	-6276 May 29 j 18:43	18° Υ 51'12		retrograde	-6271 Oct 08 j 20:56	17° S 15'44	
morning rise	-6276 Jun 15 j 02:09	19° Υ 51'59		opposition	-6271 Dec 21 j 02:10	15° S 13'20	0°16'29
retrograde	-6276 Sep 14 j 16:42	23° Υ 13'46		min. Earth dist.	-6271 Dec 22 j 04:10	15° S 10'30	17.21572 AU
opposition	-6276 Nov 26 j 20:04	21° Υ 11'27	-0°08'48		-6271 Dec 26 j 04:36	15° R S	
min. Earth dist.	-6276 Nov 28 j 00:54	21° Υ 08'17	17.33014 AU	direct	-6270 Mar 07 j 18:00	13° S 06'15	
direct	-6275 Feb 10 j 21:06	19° Υ 04'59			-6270 May 14 j 13:34	15° S	
evening set	-6275 May 18 j 02:13	22° Υ 35'11		evening set	-6270 Jun 12 j 05:40	16° S 38'47	
max. Earth dist.	-6275 Jun 02 j 08:39	23° Υ 32'09	19.31194 AU	max. Earth dist.	-6270 Jun 27 j 10:18	17° S 36'10	19.21269 AU
conjunction	-6275 Jun 03 j 17:53	23° Υ 37'21	-0°05'40	conjunction	-6270 Jun 28 j 15:29	17° S 40'47	0°17'01
minimum elong	-6275 Jun 03 j 17:54	23° Υ 37'21	0°05'32	minimum elong	-6270 Jun 28 j 15:29	17° S 40'47	0°17'17
behind sun begin	-6275 Jun 03 j 11:24	23° Υ 36'22		morning rise	-6270 Jul 14 j 20:46	18° S 42'09	
behind sun end	-6275 Jun 04 j 00:23	23° Υ 38'21		retrograde	-6270 Oct 13 j 21:15	22° S 04'54	
morning rise	-6275 Jun 20 j 05:33	24° Υ 38'59		opposition	-6270 Dec 26 j 05:00	20° S 02'33	0°21'21
retrograde	-6275 Sep 19 j 17:18	28° Υ 01'04		min. Earth dist.	-6270 Dec 27 j 06:49	19° S 59'44	17.21236 AU
opposition	-6275 Dec 01 j 20:09	25° Υ 58'43	-0°03'45	direct	-6269 Mar 12 j 21:49	17° S 55'30	
min. Earth dist.	-6275 Dec 03 j 00:34	25° Υ 55'36	17.29578 AU	evening set	-6269 Jun 17 j 10:30	21° S 28'09	
direct	-6274 Feb 16 j 01:11	23° Υ 52'04					
evening set	-6274 May 23 j 08:00	27° Υ 22'58		conjunction	-6269 Jul 03 j 18:52	22° S 30'01	0°21'18
				minimum elong	-6269 Jul 03 j 18:52	22° S 30'01	0°21'37
conjunction	-6274 Jun 08 j 22:33	28° Υ 25'10	-0°01'04	max. Earth dist.	-6269 Jul 02 j 14:43	22° S 25'33	19.21295 AU
minimum elong	-6274 Jun 08 j 22:35	28° Υ 25'10	0°00'54	morning rise	-6269 Jul 19 j 22:56	23° S 31'15	
behind sun begin	-6274 Jun 08 j 15:51	28° Υ 24'09		retrograde	-6269 Oct 18 j 23:19	26° S 54'00	
behind sun end	-6274 Jun 09 j 05:19	28° Υ 26'12		opposition	-6269 Dec 31 j 08:04	24° S 51'45	0°26'05
max. Earth dist.	-6274 Jun 07 j 12:50	28° Υ 19'52	19.28009 AU	min. Earth dist.	-6268 Jan 01 j 07:27	24° S 49'12	17.21608 AU
morning rise	-6274 Jun 25 j 09:04	29° Υ 26'49		direct	-6268 Mar 17 j 03:42	22° S 44'49	
	-6274 Jul 04 j 12:54	0° S		evening set	-6268 Jun 21 j 14:51	26° S 17'28	
asc. node	-6274 Sep 01 j 22:49	2° S 34'19					
retrograde	-6274 Sep 24 j 16:55	2° S 49'07		conjunction	-6268 Jul 07 j 22:00	27° S 19'11	0°25'27
opposition	-6274 Dec 06 j 20:49	0° S 46'45	0°01'21	minimum elong	-6268 Jul 07 j 22:00	27° S 19'11	0°25'46
min. Earth dist.	-6274 Dec 08 j 01:51	0° S 43'34	17.26666 AU	max. Earth dist.	-6268 Jul 06 j 20:27	27° S 15'08	19.22015 AU
	-6274 Dec 25 j 02:12	30° R Υ		morning rise	-6268 Jul 24 j 00:35	28° S 20'16	
direct	-6273 Feb 21 j 04:19	28° Υ 39'54			-6268 Aug 21 j 22:34	0° II	
	-6273 Apr 18 j 09:46	0° S		retrograde	-6268 Oct 22 j 23:35	1° II 42'59	
evening set	-6273 May 28 j 13:43	2° S 11'25			-6268 Dec 28 j 02:03	30° R S	
max. Earth dist.	-6273 Jun 12 j 18:27	3° S 08'27	19.25378 AU	opposition	-6267 Jan 04 j 11:32	29° S 40'52	0°30'37
				min. Earth dist.	-6267 Jan 05 j 10:25	29° S 38'23	17.22666 AU
conjunction	-6273 Jun 14 j 03:14	3° S 13'37	0°03'36	direct	-6267 Mar 22 j 08:05	27° S 34'07	
minimum elong	-6273 Jun 14 j 03:13	3° S 13'37	0°03'47		-6267 Jun 08 j 02:45	0° II	
behind sun begin	-6273 Jun 13 j 20:33	3° S 12'36		evening set	-6267 Jun 26 j 18:48	1° II 06'38	
behind sun end	-6273 Jun 14 j 09:52	3° S 14'39		max. Earth dist.	-6267 Jul 11 j 23:48	2° II 04'15	19.23407 AU
morning rise	-6273 Jun 30 j 12:29	4° S 15'13					
retrograde	-6273 Sep 29 j 18:48	7° S 37'43		conjunction	-6267 Jul 13 j 00:27	2° II 08'10	0°29'25
opposition	-6273 Dec 11 j 22:08	5° S 35'19	0°06'27	minimum elong	-6267 Jul 13 j 00:27	2° II 08'10	0°29'46
min. Earth dist.	-6273 Dec 13 j 01:55	5° S 32'16	17.24320 AU	morning rise	-6267 Jul 29 j 01:56	3° II 09'05	
direct	-6272 Feb 26 j 09:26	3° S 28'21		retrograde	-6267 Oct 28 j 01:17	6° II 31'44	
evening set	-6272 Jun 01 j 19:11	7° S 00'19		opposition	-6266 Jan 09 j 15:09	4° II 29'45	0°34'56
max. Earth dist.	-6272 Jun 16 j 23:29	7° S 57'25	19.23337 AU	min. Earth dist.	-6266 Jan 10 j 11:37	4° II 27'32	17.24363 AU
				direct	-6266 Mar 27 j 14:09	2° II 23'13	
conjunction	-6272 Jun 18 j 07:29	8° S 02'28	0°08'08	evening set	-6266 Jul 01 j 22:14	5° II 55'29	
minimum elong	-6272 Jun 18 j 07:29	8° S 02'28	0°08'22	max. Earth dist.	-6266 Jul 17 j 04:57	6° II 53'22	19.25398 AU
behind sun begin	-6272 Jun 18 j 01:35	8° S 01'34					
behind sun end	-6272 Jun 18 j 13:23	8° S 03'23		conjunction	-6266 Jul 18 j 02:39	6° II 56'49	0°33'11
morning rise	-6272 Jul 04 j 15:25	9° S 04'02		minimum elong	-6266 Jul 18 j 02:39	6° II 56'49	0°33'33
retrograde	-6272 Oct 03 j 18:47	12° S 26'39		morning rise	-6266 Aug 03 j 02:39	7° II 57'32	
opposition	-6272 Dec 16 j 00:04	10° S 24'14	0°11'30	retrograde	-6266 Nov 02 j 01:31	11° II 20'03	
min. Earth dist.	-6272 Dec 17 j 04:02	10° S 21'11	17.22610 AU	opposition	-6265 Jan 14 j 19:05	9° II 18'14	0°39'01
direct	-6271 Mar 02 j 12:46	8° S 17'10		min. Earth dist.	-6265 Jan 15 j 14:43	9° II 16'07	17.26633 AU
evening set	-6271 Jun 07 j 00:33	11° S 49'29		direct	-6265 Apr 01 j 19:39	7° II 11'58	
max. Earth dist.	-6271 Jun 22 j 04:40	12° S 46'40	19.21962 AU	evening set	-6265 Jul 07 j 01:17	10° II 43'51	
				max. Earth dist.	-6265 Jul 22 j 07:16	11° II 41'38	19.27946 AU
conjunction	-6271 Jun 23 j 11:35	12° S 51'34	0°12'37	conjunction	-6265 Jul 23 j 04:08	11° II 44'57	0°36'42
minimum elong	-6271 Jun 23 j 11:34	12° S 51'34	0°12'51	minimum elong	-6265 Jul 23 j 04:07	11° II 44'57	0°37'05
behind sun begin	-6271 Jun 23 j 07:28	12° S 50'56					

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Attention, astronomical year style is used: The year -6265 in astronomical counting style is the year 6266 BCE in historical counting style.

morning rise	-6265 Aug 08 j 03:01	12° Π 45'28	direct	-6258 May 06 j 01:49	10° Θ 23'41	
retrograde	-6265 Nov 07 j 02:14	16° Π 07'48	evening set	-6258 Aug 08 j 22:09	13° Θ 49'28	
opposition	-6264 Jan 19 j 23:07	14° Π 06'07	0°42'48			
min. Earth dist.	-6264 Jan 20 j 16:24	14° Π 04'16	17.29444 AU	conjunction	-6258 Aug 24 j 16:36	14° Θ 48'32 0°52'53
direct	-6264 Apr 06 j 01:35	12° Π 00'06		minimum elong	-6258 Aug 24 j 16:36	14° Θ 48'32 0°53'16
evening set	-6264 Jul 11 j 03:20	15° Π 31'28		max. Earth dist.	-6258 Aug 24 j 12:33	14° Θ 47'54 19.58304 AU
max. Earth dist.	-6264 Jul 26 j 11:19	16° Π 29'31	19.31001 AU	morning rise	-6258 Sep 09 j 08:22	15° Θ 47'13
				retrograde	-6258 Dec 09 j 17:48	19° Θ 06'41
conjunction	-6264 Jul 27 j 05:00	16° Π 32'19	0°39'58	opposition	-6257 Feb 22 j 21:10	17° Θ 05'38 0°59'29
minimum elong	-6264 Jul 27 j 05:00	16° Π 32'19	0°40'21	min. Earth dist.	-6257 Feb 22 j 23:12	17° Θ 05'25 17.61257 AU
morning rise	-6264 Aug 12 j 02:32	17° Π 32'36		direct	-6257 May 11 j 04:30	15° Θ 01'40
retrograde	-6264 Nov 11 j 02:11	20° Π 54'42		evening set	-6257 Aug 13 j 17:43	18° Θ 26'11
opposition	-6263 Jan 24 j 03:12	18° Π 53'10	0°46'16			
min. Earth dist.	-6263 Jan 24 j 19:06	18° Π 51'27	17.32726 AU	conjunction	-6257 Aug 29 j 11:10	19° Θ 24'56 0°53'50
direct	-6263 Apr 11 j 07:19	16° Π 47'26		minimum elong	-6257 Aug 29 j 11:10	19° Θ 24'56 0°54'14
evening set	-6263 Jul 16 j 04:57	20° Π 18'08		max. Earth dist.	-6257 Aug 29 j 09:42	19° Θ 24'42 19.64300 AU
				morning rise	-6257 Sep 14 j 02:15	20° Θ 23'20
conjunction	-6263 Aug 01 j 05:08	21° Π 18'43	0°42'56	retrograde	-6257 Dec 14 j 13:31	23° Θ 42'14
minimum elong	-6263 Aug 01 j 05:07	21° Π 18'43	0°43'19	opposition	-6256 Feb 27 j 22:33	21° Θ 41'15 1°00'20
max. Earth dist.	-6263 Jul 31 j 12:23	21° Π 16'04	19.34513 AU	min. Earth dist.	-6256 Feb 27 j 22:43	21° Θ 41'14 17.67474 AU
morning rise	-6263 Aug 17 j 01:38	22° Π 18'46		direct	-6256 May 15 j 05:04	19° Θ 37'40
retrograde	-6263 Nov 16 j 01:45	25° Π 40'34		evening set	-6256 Aug 17 j 12:06	23° Θ 00'55
opposition	-6262 Jan 29 j 06:56	23° Π 39'07	0°49'25			
min. Earth dist.	-6262 Jan 29 j 20:46	23° Π 37'39	17.36459 AU	conjunction	-6256 Sep 02 j 04:42	23° Θ 59'20 0°54'26
direct	-6262 Apr 16 j 12:14	21° Π 33'39		minimum elong	-6256 Sep 02 j 04:42	23° Θ 59'20 0°54'49
evening set	-6262 Jul 21 j 05:36	25° Π 03'37		max. Earth dist.	-6256 Sep 02 j 06:00	23° Θ 59'32 19.70722 AU
				morning rise	-6256 Sep 17 j 19:14	24° Θ 57'26
conjunction	-6262 Aug 06 j 04:38	26° Π 03'55	0°45'36	retrograde	-6256 Dec 18 j 10:12	28° Θ 15'46
minimum elong	-6262 Aug 06 j 04:38	26° Π 03'55	0°46'00	opposition	-6255 Mar 03 j 23:04	26° Θ 14'54 1°00'48
max. Earth dist.	-6262 Aug 05 j 14:59	26° Π 01'45	19.38456 AU	min. Earth dist.	-6255 Mar 03 j 19:38	26° Θ 15'16 17.74075 AU
morning rise	-6262 Aug 21 j 23:55	27° Π 03'42		direct	-6255 May 20 j 06:17	24° Θ 11'44
	-6262 Oct 22 j 00:16	0° Θ		evening set	-6255 Aug 22 j 05:34	27° Θ 33'40
retrograde	-6262 Nov 21 j 01:05	0° Θ 25'07				
	-6262 Dec 21 j 22:12	30° \mathbb{R} Π		conjunction	-6255 Sep 06 j 21:23	28° Θ 31'46 0°54'42
opposition	-6261 Feb 03 j 10:40	28° Π 23'48	0°52'11	minimum elong	-6255 Sep 06 j 21:23	28° Θ 31'46 0°55'04
min. Earth dist.	-6261 Feb 03 j 22:30	28° Π 22'33	17.40596 AU	max. Earth dist.	-6255 Sep 07 j 01:30	28° Θ 32'24 19.77499 AU
direct	-6261 Apr 21 j 17:01	26° Π 18'37		morning rise	-6255 Sep 22 j 11:23	29° Θ 29'35
evening set	-6261 Jul 26 j 05:19	29° Π 47'40			-6255 Sep 30 j 22:58	0° Ω
	-6261 Jul 29 j 12:43	0° Θ		retrograde	-6255 Dec 23 j 03:53	2° Ω 47'20
				opposition	-6254 Mar 08 j 22:59	0° Ω 46'36 1°00'53
conjunction	-6261 Aug 11 j 02:59	0° Θ 47'41	0°47'56	min. Earth dist.	-6254 Mar 08 j 18:03	0° Ω 47'07 17.81019 AU
minimum elong	-6261 Aug 11 j 02:59	0° Θ 47'41	0°48'20		-6254 Mar 28 j 03:49	30° \mathbb{R} Θ
max. Earth dist.	-6261 Aug 10 j 14:47	0° Θ 45'45	19.42802 AU	direct	-6254 May 25 j 05:08	28° Θ 43'54
morning rise	-6261 Aug 26 j 21:21	1° Θ 47'12			-6254 Jul 19 j 05:37	0° Ω
retrograde	-6261 Nov 25 j 23:55	5° Θ 08'13		evening set	-6254 Aug 26 j 22:05	2° Ω 04'29
opposition	-6260 Feb 08 j 14:05	3° Θ 06'58	0°54'36			
min. Earth dist.	-6260 Feb 08 j 23:57	3° Θ 05'55	17.45151 AU	conjunction	-6254 Sep 11 j 13:10	3° Ω 02'15 0°54'38
direct	-6260 Apr 25 j 20:32	1° Θ 02'04		minimum elong	-6254 Sep 11 j 13:10	3° Ω 02'15 0°55'00
evening set	-6260 Jul 30 j 03:58	4° Θ 30'07		max. Earth dist.	-6254 Sep 11 j 19:33	3° Ω 03'14 19.84595 AU
				morning rise	-6254 Sep 27 j 02:49	3° Ω 59'47
conjunction	-6260 Aug 15 j 00:36	5° Θ 29'49	0°49'55	retrograde	-6254 Dec 27 j 23:23	7° Ω 16'57
minimum elong	-6260 Aug 15 j 00:36	5° Θ 29'49	0°50'20	opposition	-6253 Mar 13 j 22:13	5° Ω 16'22 1°00'36
max. Earth dist.	-6260 Aug 14 j 15:30	5° Θ 28'23	19.47563 AU	min. Earth dist.	-6253 Mar 13 j 13:45	5° Ω 17'15 17.88230 AU
morning rise	-6260 Aug 30 j 17:58	6° Θ 29'04		direct	-6253 May 30 j 04:35	3° Ω 14'08
retrograde	-6260 Nov 29 j 22:32	9° Θ 49'36		evening set	-6253 Aug 31 j 13:28	6° Ω 33'22
opposition	-6259 Feb 12 j 16:52	7° Θ 48'25	0°56'37			
min. Earth dist.	-6259 Feb 13 j 00:06	7° Θ 47'39	17.50103 AU	conjunction	-6253 Sep 16 j 03:59	7° Ω 30'48 0°54'14
direct	-6259 Apr 30 j 23:51	5° Θ 43'48		minimum elong	-6253 Sep 16 j 03:59	7° Ω 30'48 0°54'34
evening set	-6259 Aug 04 j 01:39	9° Θ 10'45		max. Earth dist.	-6253 Sep 16 j 13:21	7° Ω 32'15 19.91906 AU
				morning rise	-6253 Oct 01 j 17:17	8° Ω 28'04
conjunction	-6259 Aug 19 j 21:06	10° Θ 10'09	0°51'34	retrograde	-6252 Jan 01 j 15:41	11° Ω 44'38
minimum elong	-6259 Aug 19 j 21:06	10° Θ 10'09	0°51'59	opposition	-6252 Mar 17 j 20:56	9° Ω 44'13 0°59'56
max. Earth dist.	-6259 Aug 19 j 13:59	10° Θ 09'01	19.52722 AU	min. Earth dist.	-6252 Mar 17 j 11:13	9° Ω 45'13 17.95629 AU
morning rise	-6259 Sep 04 j 13:42	11° Θ 09'07		direct	-6252 Jun 03 j 01:10	7° Ω 42'28
retrograde	-6259 Dec 04 j 20:11	14° Θ 29'08		evening set	-6252 Sep 04 j 04:08	11° Ω 00'18
opposition	-6258 Feb 17 j 19:20	12° Θ 28'00	0°58'15			
min. Earth dist.	-6258 Feb 18 j 00:42	12° Θ 27'26	17.55475 AU	conjunction	-6252 Sep 19 j 18:05	11° Ω 57'26 0°53'30

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

minimum elong	-6252 Sep 19 j 18:05	11°Ω57'26	0°53'50	max. Earth dist.	-6246 Oct 16 j 11:30	7°♊58'22	20.43074 AU
max. Earth dist.	-6252 Sep 20 j 05:08	11°Ω59'08	19.99370 AU	morning rise	-6246 Oct 31 j 03:41	8°♊50'45	
morning rise	-6252 Oct 05 j 07:16	12°Ω54'26		retrograde	-6245 Feb 01 j 01:32	12°♊02'54	
	-6252 Nov 13 j 21:01	15°Ω		opposition	-6245 Apr 19 j 12:18	10°♊03'07	0°46'16
retrograde	-6251 Jan 05 j 10:02	16°Ω10'22		min. Earth dist.	-6245 Apr 18 j 13:24	10°♊05'26	18.46498 AU
	-6251 Mar 01 j 21:12	15°♋Ω		direct	-6245 Jul 05 j 04:08	8°♊04'08	
opposition	-6251 Mar 22 j 18:31	14°Ω10'07	0°58'55	evening set	-6245 Oct 04 j 09:27	11°♊12'21	
min. Earth dist.	-6251 Mar 22 j 05:42	14°Ω11'26	18.03129 AU				
direct	-6251 Jun 07 j 22:21	12°Ω08'48		conjunction	-6245 Oct 19 j 22:25	12°♊07'35	0°40'26
	-6251 Sep 01 j 14:33	15°Ω		minimum elong	-6245 Oct 19 j 22:25	12°♊07'35	0°40'36
evening set	-6251 Sep 08 j 17:49	15°Ω25'16		max. Earth dist.	-6245 Oct 20 j 22:45	12°♊11'13	20.49844 AU
				morning rise	-6245 Nov 04 j 12:33	13°♊03'01	
conjunction	-6251 Sep 24 j 07:25	16°Ω22'06	0°52'27	retrograde	-6244 Feb 05 j 12:35	16°♊14'33	
minimum elong	-6251 Sep 24 j 07:25	16°Ω22'06	0°52'45	min. Earth dist.	-6244 Apr 22 j 04:17	14°♊17'13	18.53197 AU
max. Earth dist.	-6251 Sep 24 j 21:13	16°Ω24'13	20.06880 AU	opposition	-6244 Apr 23 j 04:08	14°♊14'49	0°43'16
morning rise	-6251 Oct 09 j 20:23	17°Ω18'50		direct	-6244 Jul 08 j 18:15	12°♊16'09	
retrograde	-6250 Jan 10 j 00:56	20°Ω34'09		evening set	-6244 Oct 07 j 17:18	15°♊23'06	
opposition	-6250 Mar 27 j 15:41	18°Ω34'03	0°57'34				
min. Earth dist.	-6250 Mar 27 j 01:55	18°Ω35'27	18.10643 AU	conjunction	-6244 Oct 23 j 06:18	16°♊18'07	0°37'39
direct	-6250 Jun 12 j 17:05	16°Ω33'12		minimum elong	-6244 Oct 23 j 06:19	16°♊18'07	0°37'46
evening set	-6250 Sep 13 j 06:37	19°Ω48'15		max. Earth dist.	-6244 Oct 24 j 07:08	16°♊21'48	20.56476 AU
				morning rise	-6244 Nov 07 j 21:02	17°♊13'22	
conjunction	-6250 Sep 28 j 19:46	20°Ω44'46	0°51'06	retrograde	-6243 Feb 09 j 01:27	20°♊24'20	
minimum elong	-6250 Sep 28 j 19:46	20°Ω44'47	0°51'23	opposition	-6243 Apr 27 j 18:51	18°♊24'37	0°40'03
max. Earth dist.	-6250 Sep 29 j 10:49	20°Ω47'04	20.14377 AU	min. Earth dist.	-6243 Apr 26 j 17:04	18°♊27'13	18.59769 AU
morning rise	-6250 Oct 14 j 08:48	21°Ω41'16		direct	-6243 Jul 13 j 06:26	16°♊26'17	
retrograde	-6249 Jan 14 j 18:04	24°Ω55'58		evening set	-6243 Oct 12 j 00:19	19°♊32'02	
opposition	-6249 Apr 01 j 11:59	22°Ω55'58	0°55'52				
min. Earth dist.	-6249 Mar 31 j 19:21	22°Ω57'40	18.18106 AU	conjunction	-6243 Oct 27 j 13:42	20°♊26'52	0°34'41
direct	-6249 Jun 17 j 12:10	20°Ω55'32		minimum elong	-6243 Oct 27 j 13:42	20°♊26'52	0°34'47
evening set	-6249 Sep 17 j 18:33	24°Ω09'12		max. Earth dist.	-6243 Oct 28 j 17:02	20°♊30'55	20.62968 AU
				morning rise	-6243 Nov 12 j 04:47	21°♊21'58	
conjunction	-6249 Oct 03 j 07:34	25°Ω05'27	0°49'28	retrograde	-6242 Feb 13 j 11:33	24°♊32'22	
minimum elong	-6249 Oct 03 j 07:34	25°Ω05'27	0°49'44	min. Earth dist.	-6242 May 01 j 06:09	22°♊35'26	18.66186 AU
max. Earth dist.	-6249 Oct 04 j 01:14	25°Ω08'08	20.21780 AU	opposition	-6242 May 02 j 08:56	22°♊32'44	0°36'40
morning rise	-6249 Oct 18 j 20:33	26°Ω01'42		direct	-6242 Jul 17 j 18:20	20°♊34'45	
retrograde	-6248 Jan 19 j 07:49	29°Ω15'46		evening set	-6242 Oct 16 j 06:44	23°♊39'21	
opposition	-6248 Apr 05 j 07:27	27°Ω15'52	0°53'53				
min. Earth dist.	-6248 Apr 04 j 14:03	27°Ω17'38	18.25449 AU	conjunction	-6242 Oct 31 j 20:18	24°♊34'00	0°31'34
direct	-6248 Jun 21 j 05:24	25°Ω15'50		minimum elong	-6242 Oct 31 j 20:18	24°♊34'00	0°31'39
evening set	-6248 Sep 21 j 05:38	28°Ω28'06		max. Earth dist.	-6242 Nov 01 j 23:59	24°♊38'05	20.69310 AU
				morning rise	-6242 Nov 16 j 12:08	25°♊28'58	
conjunction	-6248 Oct 06 j 18:25	29°Ω24'05	0°47'34	retrograde	-6241 Feb 17 j 23:41	28°♊38'52	
minimum elong	-6248 Oct 06 j 18:25	29°Ω24'05	0°47'48	opposition	-6241 May 06 j 22:15	26°♊39'18	0°33'07
max. Earth dist.	-6248 Oct 07 j 12:52	29°Ω26'52	20.29052 AU	min. Earth dist.	-6241 May 05 j 17:56	26°♊42'09	18.72444 AU
	-6248 Oct 16 j 16:28	0°♊		direct	-6241 Jul 22 j 05:06	24°♊41'39	
morning rise	-6248 Oct 22 j 07:43	0°♊20'07		evening set	-6241 Oct 20 j 12:37	27°♊45'12	
retrograde	-6247 Jan 22 j 23:16	3°♊33'32					
min. Earth dist.	-6247 Apr 09 j 06:06	1°♊35'42	18.32637 AU	conjunction	-6241 Nov 05 j 02:44	28°♊39'42	0°28'18
opposition	-6247 Apr 10 j 01:56	1°♊33'41	0°51'36	minimum elong	-6241 Nov 05 j 02:45	28°♊39'42	0°28'21
	-6247 May 24 j 05:52	30°♋Ω		max. Earth dist.	-6241 Nov 06 j 08:42	28°♊44'06	20.75457 AU
direct	-6247 Jun 25 j 22:03	29°Ω34'01		morning rise	-6241 Nov 20 j 19:04	29°♊34'32	
	-6247 Jul 27 j 17:11	0°♊			-6241 Nov 28 j 07:43	0°♊	
evening set	-6247 Sep 25 j 15:45	2°♊44'55		retrograde	-6240 Feb 22 j 09:14	2°♊43'57	
				min. Earth dist.	-6240 May 09 j 05:37	0°♊47'24	18.78473 AU
conjunction	-6247 Oct 11 j 04:35	3°♊40'38	0°45'24	opposition	-6240 May 10 j 10:39	0°♊44'30	0°29'25
minimum elong	-6247 Oct 11 j 04:35	3°♊40'38	0°45'38		-6240 May 29 j 10:15	30°♋♊	
max. Earth dist.	-6247 Oct 12 j 01:34	3°♊43'48	20.36144 AU	direct	-6240 Jul 25 j 15:05	28°♊47'12	
morning rise	-6247 Oct 26 j 17:58	4°♊36'27			-6240 Sep 17 j 20:44	0°♊	
retrograde	-6246 Jan 27 j 11:34	7°♊49'14		evening set	-6240 Oct 23 j 18:10	1°♊49'45	
opposition	-6246 Apr 14 j 19:35	5°♊49'26	0°49'03				
min. Earth dist.	-6246 Apr 13 j 22:56	5°♊51'32	18.39642 AU	conjunction	-6240 Nov 08 j 08:37	2°♊44'06	0°24'55
direct	-6246 Jun 30 j 13:56	3°♊50'08		minimum elong	-6240 Nov 08 j 08:37	2°♊44'06	0°24'57
evening set	-6246 Sep 30 j 01:06	6°♊59'39		max. Earth dist.	-6240 Nov 09 j 14:27	2°♊48'27	20.81359 AU
				morning rise	-6240 Nov 24 j 01:50	3°♊38'49	
conjunction	-6246 Oct 15 j 13:50	7°♊55'08	0°43'01	retrograde	-6239 Feb 25 j 20:12	6°♊47'48	
minimum elong	-6246 Oct 15 j 13:50	7°♊55'08	0°43'12	opposition	-6239 May 14 j 22:26	4°♊48'27	0°25'35

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Attention, astronomical year style is used: The year -6239 in astronomical counting style is the year 6240 BCE in historical counting style.

min. Earth dist.	-6239 May 13 j 16:32	4° <u>♂</u> 51'26	18.84233 AU	retrograde	-6233 Mar 22 j 23:30	0° <u>♂</u> 49'55	
direct	-6239 Jul 30 j 00:25	2° <u>♂</u> 51'28			-6233 May 09 j 10:53	30° <u>♂</u> 49'55	
evening set	-6239 Oct 27 j 23:08	5° <u>♂</u> 53'06		min. Earth dist.	-6233 Jun 08 j 02:34	28° <u>♂</u> 53'43	19.09585 AU
				opposition	-6233 Jun 09 j 08:05	28° <u>♂</u> 50'47	0°00'59
conjunction	-6239 Nov 12 j 14:14	6° <u>♂</u> 47'19	0°21'25	direct	-6233 Aug 23 j 20:45	26° <u>♂</u> 55'00	
minimum elong	-6239 Nov 12 j 14:14	6° <u>♂</u> 47'19	0°21'24	desc. node	-6233 Sep 03 j 14:51	26° <u>♂</u> 58'00	
max. Earth dist.	-6239 Nov 13 j 21:58	6° <u>♂</u> 51'57	20.86945 AU	evening set	-6233 Nov 21 j 00:58	29° <u>♂</u> 52'21	
morning rise	-6239 Nov 28 j 08:00	7° <u>♂</u> 41'56			-6233 Nov 23 j 07:34	0° <u>♂</u>	
retrograde	-6238 Mar 02 j 05:17	10° <u>♂</u> 50'31					
min. Earth dist.	-6238 May 18 j 03:13	8° <u>♂</u> 54'18	18.89639 AU	conjunction	-6233 Dec 06 j 20:18	0° <u>♂</u> 46'11	-0°00'59
opposition	-6238 May 19 j 09:33	8° <u>♂</u> 51'16	0°21'39	minimum elong	-6233 Dec 06 j 20:19	0° <u>♂</u> 46'11	0°01'09
direct	-6238 Aug 03 j 09:18	6° <u>♂</u> 54'37		behind sun begin	-6233 Dec 06 j 13:44	0° <u>♂</u> 45'16	
evening set	-6238 Nov 01 j 04:02	9° <u>♂</u> 55'22		behind sun end	-6233 Dec 07 j 02:54	0° <u>♂</u> 47'05	
				max. Earth dist.	-6233 Dec 08 j 04:04	0° <u>♂</u> 50'43	21.10800 AU
conjunction	-6238 Nov 16 j 19:33	10° <u>♂</u> 49'28	0°17'49	morning rise	-6233 Dec 22 j 19:24	1° <u>♂</u> 40'33	
minimum elong	-6238 Nov 16 j 19:33	10° <u>♂</u> 49'28	0°17'48	retrograde	-6232 Mar 26 j 06:35	4° <u>♂</u> 47'11	
max. Earth dist.	-6238 Nov 18 j 02:44	10° <u>♂</u> 54'00	20.92164 AU	min. Earth dist.	-6232 Jun 11 j 10:10	2° <u>♂</u> 50'55	19.11973 AU
morning rise	-6238 Dec 02 j 14:16	11° <u>♂</u> 44'02		opposition	-6232 Jun 12 j 15:28	2° <u>♂</u> 48'00	-0°03'11
retrograde	-6237 Mar 06 j 14:57	14° <u>♂</u> 52'14		direct	-6232 Aug 27 j 03:15	0° <u>♂</u> 52'16	
opposition	-6237 May 23 j 20:05	12° <u>♂</u> 53'04	0°17'36	evening set	-6232 Nov 24 j 04:46	3° <u>♂</u> 49'08	
min. Earth dist.	-6237 May 22 j 13:30	12° <u>♂</u> 56'07	18.94656 AU				
direct	-6237 Aug 07 j 17:19	10° <u>♂</u> 56'40		conjunction	-6232 Dec 10 j 00:50	4° <u>♂</u> 42'57	-0°04'46
evening set	-6237 Nov 05 j 08:33	13° <u>♂</u> 56'38		minimum elong	-6232 Dec 10 j 00:49	4° <u>♂</u> 42'57	0°04'58
				behind sun begin	-6232 Dec 09 j 18:24	4° <u>♂</u> 42'03	
conjunction	-6237 Nov 21 j 00:52	14° <u>♂</u> 50'39	0°14'09	behind sun end	-6232 Dec 10 j 07:14	4° <u>♂</u> 43'50	
minimum elong	-6237 Nov 21 j 00:52	14° <u>♂</u> 50'39	0°14'05	max. Earth dist.	-6232 Dec 11 j 07:06	4° <u>♂</u> 47'16	21.12950 AU
behind sun begin	-6237 Nov 20 j 21:30	14° <u>♂</u> 50'11		morning rise	-6232 Dec 26 j 01:02	5° <u>♂</u> 37'19	
behind sun end	-6237 Nov 21 j 04:13	14° <u>♂</u> 51'07		retrograde	-6231 Mar 30 j 13:54	8° <u>♂</u> 43'44	
max. Earth dist.	-6237 Nov 22 j 09:24	14° <u>♂</u> 55'22	20.96944 AU	opposition	-6231 Jun 16 j 22:33	6° <u>♂</u> 44'29	-0°07'19
morning rise	-6237 Dec 06 j 20:15	15° <u>♂</u> 45'08		min. Earth dist.	-6231 Jun 15 j 18:02	6° <u>♂</u> 47'19	19.13896 AU
retrograde	-6236 Mar 09 j 23:50	18° <u>♂</u> 52'59		direct	-6231 Aug 31 j 07:33	4° <u>♂</u> 48'45	
min. Earth dist.	-6236 May 25 j 23:19	16° <u>♂</u> 56'56	18.99190 AU	evening set	-6231 Nov 28 j 08:14	7° <u>♂</u> 45'14	
opposition	-6236 May 27 j 05:56	16° <u>♂</u> 53'52	0°13'30				
direct	-6236 Aug 11 j 01:19	14° <u>♂</u> 57'43		conjunction	-6231 Dec 14 j 05:18	8° <u>♂</u> 39'03	-0°08'28
evening set	-6236 Nov 08 j 13:03	17° <u>♂</u> 56'56		minimum elong	-6231 Dec 14 j 05:18	8° <u>♂</u> 39'03	0°08'41
				behind sun begin	-6231 Dec 13 j 23:34	8° <u>♂</u> 38'16	
conjunction	-6236 Nov 24 j 05:53	18° <u>♂</u> 50'53	0°10'26	behind sun end	-6231 Dec 14 j 11:02	8° <u>♂</u> 39'51	
minimum elong	-6236 Nov 24 j 05:53	18° <u>♂</u> 50'53	0°10'20	max. Earth dist.	-6231 Dec 15 j 12:25	8° <u>♂</u> 43'29	21.14642 AU
behind sun begin	-6236 Nov 24 j 00:40	18° <u>♂</u> 50'09		morning rise	-6231 Dec 30 j 06:19	9° <u>♂</u> 33'27	
behind sun end	-6236 Nov 24 j 11:05	18° <u>♂</u> 51'37		retrograde	-6230 Apr 03 j 20:16	12° <u>♂</u> 39'41	
max. Earth dist.	-6236 Nov 25 j 13:17	18° <u>♂</u> 55'24	21.01223 AU	min. Earth dist.	-6230 Jun 20 j 00:40	10° <u>♂</u> 43'13	19.15371 AU
morning rise	-6236 Dec 10 j 02:17	19° <u>♂</u> 45'19		opposition	-6230 Jun 21 j 05:07	10° <u>♂</u> 40'22	-0°11'25
retrograde	-6235 Mar 14 j 07:55	22° <u>♂</u> 52'50		direct	-6230 Sep 04 j 13:06	8° <u>♂</u> 44'40	
min. Earth dist.	-6235 May 30 j 08:52	20° <u>♂</u> 56'46	19.03209 AU	evening set	-6230 Dec 02 j 12:00	11° <u>♂</u> 40'50	
opposition	-6235 May 31 j 15:08	20° <u>♂</u> 53'45	0°09'21				
direct	-6235 Aug 15 j 07:57	18° <u>♂</u> 57'46		conjunction	-6230 Dec 18 j 09:50	12° <u>♂</u> 34'41	-0°12'08
evening set	-6235 Nov 12 j 17:12	21° <u>♂</u> 56'19		minimum elong	-6230 Dec 18 j 09:49	12° <u>♂</u> 34'41	0°12'23
				behind sun begin	-6230 Dec 18 j 05:28	12° <u>♂</u> 34'04	
conjunction	-6235 Nov 28 j 10:55	22° <u>♂</u> 50'12	0°06'41	behind sun end	-6230 Dec 18 j 14:11	12° <u>♂</u> 35'17	
minimum elong	-6235 Nov 28 j 10:54	22° <u>♂</u> 50'12	0°06'34	max. Earth dist.	-6230 Dec 19 j 15:24	12° <u>♂</u> 38'53	21.15916 AU
behind sun begin	-6235 Nov 28 j 04:44	22° <u>♂</u> 49'20		morning rise	-6229 Jan 03 j 12:01	13° <u>♂</u> 29'07	
behind sun end	-6235 Nov 28 j 17:05	22° <u>♂</u> 51'04			-6229 Feb 02 j 03:13	15° <u>♂</u>	
max. Earth dist.	-6235 Nov 29 j 19:14	22° <u>♂</u> 54'51	21.04962 AU	retrograde	-6229 Apr 08 j 03:46	16° <u>♂</u> 35'15	
morning rise	-6235 Dec 14 j 08:03	23° <u>♂</u> 44'35			-6229 Jun 15 j 08:45	15° <u>♂</u> 44'35	
retrograde	-6234 Mar 18 j 16:08	26° <u>♂</u> 51'47		min. Earth dist.	-6229 Jun 24 j 07:49	14° <u>♂</u> 38'37	19.16448 AU
opposition	-6234 Jun 04 j 23:52	24° <u>♂</u> 52'43	0°05'10	opposition	-6229 Jun 25 j 11:18	14° <u>♂</u> 35'52	-0°15'27
min. Earth dist.	-6234 Jun 03 j 17:41	24° <u>♂</u> 55'43	19.06666 AU	direct	-6229 Sep 08 j 16:30	12° <u>♂</u> 40'09	
direct	-6234 Aug 19 j 15:19	22° <u>♂</u> 56'52			-6229 Nov 25 j 12:22	15° <u>♂</u>	
evening set	-6234 Nov 16 j 21:10	25° <u>♂</u> 54'46		evening set	-6229 Dec 06 j 15:42	15° <u>♂</u> 36'07	
conjunction	-6234 Dec 02 j 15:31	26° <u>♂</u> 48'37	0°02'55	conjunction	-6229 Dec 22 j 14:39	16° <u>♂</u> 30'01	-0°15'45
minimum elong	-6234 Dec 02 j 15:31	26° <u>♂</u> 48'37	0°02'46	minimum elong	-6229 Dec 22 j 14:39	16° <u>♂</u> 30'01	0°16'00
behind sun begin	-6234 Dec 02 j 08:58	26° <u>♂</u> 47'42		behind sun begin	-6229 Dec 22 j 14:09	16° <u>♂</u> 29'57	
behind sun end	-6234 Dec 02 j 22:05	26° <u>♂</u> 49'32		behind sun end	-6229 Dec 22 j 15:09	16° <u>♂</u> 30'05	
max. Earth dist.	-6234 Dec 03 j 22:30	26° <u>♂</u> 53'04	21.08151 AU	max. Earth dist.	-6229 Dec 23 j 20:47	16° <u>♂</u> 34'18	21.16784 AU
morning rise	-6234 Dec 18 j 13:48	27° <u>♂</u> 42'59		morning rise	-6228 Jan 07 j 17:43	17° <u>♂</u> 24'31	
	-6233 Feb 04 j 21:10	0° <u>♂</u>		retrograde	-6228 Apr 11 j 10:14	20° <u>♂</u> 30'34	



























































































































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Attention, astronomical year style is used: The year -6228 in astronomical counting style is the year 6229 BCE in historical counting style.

opposition	-6228 Jun 28 j 17:06	18° \mathbb{M} 31'10	-0°19'24	conjunction	-6221 Jan 19 j 09:07	14° \mathbb{Z} 04'37	-0°38'12
min. Earth dist.	-6228 Jun 27 j 13:53	18° \mathbb{M} 33'54	19.17106 AU	minimum elong	-6221 Jan 19 j 09:07	14° \mathbb{Z} 04'37	0°38'33
direct	-6228 Sep 11 j 21:10	16° \mathbb{M} 35'28		max. Earth dist.	-6221 Jan 20 j 04:42	14° \mathbb{Z} 07'24	21.09883 AU
evening set	-6228 Dec 09 j 19:43	19° \mathbb{M} 31'18		morning rise	-6221 Feb 04 j 19:19	14° \mathbb{Z} 59'59	
				retrograde	-6221 May 10 j 16:01	18° \mathbb{Z} 06'51	
conjunction	-6228 Dec 25 j 19:27	20° \mathbb{M} 25'17	-0°19'17	opposition	-6221 Jul 27 j 06:10	16° \mathbb{Z} 07'17	-0°43'44
minimum elong	-6228 Dec 25 j 19:27	20° \mathbb{M} 25'17	0°19'34	min. Earth dist.	-6221 Jul 26 j 13:24	16° \mathbb{Z} 09'00	19.08379 AU
max. Earth dist.	-6228 Dec 26 j 23:45	20° \mathbb{M} 29'17	21.17239 AU	direct	-6221 Oct 09 j 22:25	14° \mathbb{Z} 11'00	
morning rise	-6227 Jan 10 j 23:40	21° \mathbb{M} 19'52		evening set	-6220 Jan 07 j 10:14	17° \mathbb{Z} 08'26	
retrograde	-6227 Apr 15 j 17:32	24° \mathbb{M} 25'54					
opposition	-6227 Jul 02 j 22:42	22° \mathbb{M} 26'29	-0°23'16	conjunction	-6220 Jan 23 j 17:19	18° \mathbb{Z} 03'23	-0°40'49
min. Earth dist.	-6227 Jul 01 j 20:47	22° \mathbb{M} 29'05	19.17356 AU	minimum elong	-6220 Jan 23 j 17:19	18° \mathbb{Z} 03'23	0°41'12
direct	-6227 Sep 16 j 00:04	20° \mathbb{M} 30'46		max. Earth dist.	-6220 Jan 24 j 11:54	18° \mathbb{Z} 06'01	21.06669 AU
evening set	-6227 Dec 13 j 23:49	23° \mathbb{M} 26'36		morning rise	-6220 Feb 09 j 04:17	18° \mathbb{Z} 58'55	
				retrograde	-6220 May 14 j 00:54	22° \mathbb{Z} 06'00	
conjunction	-6227 Dec 30 j 00:42	24° \mathbb{M} 20'40	-0°22'44	opposition	-6220 Jul 30 j 11:25	20° \mathbb{Z} 06'20	-0°46'31
minimum elong	-6227 Dec 30 j 00:42	24° \mathbb{M} 20'40	0°23'02	min. Earth dist.	-6220 Jul 29 j 19:54	20° \mathbb{Z} 07'55	19.04869 AU
max. Earth dist.	-6227 Dec 31 j 05:18	24° \mathbb{M} 24'43	21.17274 AU	direct	-6220 Oct 13 j 03:14	18° \mathbb{Z} 09'48	
morning rise	-6226 Jan 15 j 05:46	25° \mathbb{M} 15'20		evening set	-6219 Jan 10 j 17:48	21° \mathbb{Z} 07'43	
retrograde	-6226 Apr 20 j 00:42	28° \mathbb{M} 21'24					
min. Earth dist.	-6226 Jul 06 j 02:41	26° \mathbb{M} 24'33	19.17164 AU	conjunction	-6219 Jan 27 j 01:42	22° \mathbb{Z} 02'52	-0°43'14
opposition	-6226 Jul 07 j 04:04	26° \mathbb{M} 21'59	-0°27'02	minimum elong	-6219 Jan 27 j 01:42	22° \mathbb{Z} 02'52	0°43'38
direct	-6226 Sep 20 j 04:20	24° \mathbb{M} 26'17		max. Earth dist.	-6219 Jan 27 j 17:05	22° \mathbb{Z} 05'02	21.02895 AU
evening set	-6226 Dec 18 j 04:22	27° \mathbb{M} 22'10		morning rise	-6219 Feb 12 j 13:44	22° \mathbb{Z} 58'34	
				retrograde	-6219 May 18 j 09:14	26° \mathbb{Z} 05'56	
conjunction	-6225 Jan 03 j 06:07	28° \mathbb{M} 16'20	-0°26'05	opposition	-6219 Aug 03 j 16:49	24° \mathbb{Z} 06'06	-0°49'06
minimum elong	-6225 Jan 03 j 06:07	28° \mathbb{M} 16'20	0°26'24	min. Earth dist.	-6219 Aug 03 j 03:49	24° \mathbb{Z} 07'26	19.00842 AU
max. Earth dist.	-6225 Jan 04 j 08:32	28° \mathbb{M} 20'04	21.16863 AU	direct	-6219 Oct 17 j 07:18	22° \mathbb{Z} 09'15	
morning rise	-6225 Jan 19 j 12:24	29° \mathbb{M} 11'07		evening set	-6218 Jan 15 j 01:46	25° \mathbb{Z} 07'45	
	-6225 Feb 03 j 18:42	0° \mathbb{Z}					
retrograde	-6225 Apr 24 j 08:05	2° \mathbb{Z} 17'17		conjunction	-6218 Jan 31 j 10:53	26° \mathbb{Z} 03'07	-0°45'27
min. Earth dist.	-6225 Jul 10 j 09:49	0° \mathbb{Z} 20'16	19.16514 AU	minimum elong	-6218 Jan 31 j 10:53	26° \mathbb{Z} 03'07	0°45'51
opposition	-6225 Jul 11 j 09:26	0° \mathbb{Z} 17'53	-0°30'41	max. Earth dist.	-6218 Feb 01 j 01:25	26° \mathbb{Z} 05'10	20.98634 AU
	-6225 Jul 18 j 19:28	30° \mathbb{R} \mathbb{M}		morning rise	-6218 Feb 16 j 23:39	26° \mathbb{Z} 59'01	
direct	-6225 Sep 24 j 07:05	28° \mathbb{M} 22'08			-6218 May 06 j 07:08	0° \mathbb{Z}	
	-6225 Nov 27 j 02:45	0° \mathbb{Z}		retrograde	-6218 May 22 j 18:56	0° \mathbb{Z} 06'40	
evening set	-6225 Dec 22 j 09:21	1° \mathbb{Z} 18'11			-6218 Jun 08 j 08:26	30° \mathbb{R} \mathbb{Z}	
				opposition	-6218 Aug 07 j 22:10	28° \mathbb{Z} 06'40	-0°51'26
conjunction	-6224 Jan 07 j 12:16	2° \mathbb{Z} 12'29	-0°29'20	min. Earth dist.	-6218 Aug 07 j 10:19	28° \mathbb{Z} 07'53	18.96355 AU
minimum elong	-6224 Jan 07 j 12:16	2° \mathbb{Z} 12'29	0°29'41	direct	-6218 Oct 21 j 13:02	26° \mathbb{Z} 09'29	
max. Earth dist.	-6224 Jan 08 j 14:27	2° \mathbb{Z} 16'11	21.15957 AU	evening set	-6217 Jan 19 j 10:33	29° \mathbb{Z} 08'37	
morning rise	-6224 Jan 23 j 19:21	3° \mathbb{Z} 07'23			-6217 Feb 03 j 14:53	0° \mathbb{Z}	
retrograde	-6224 Apr 27 j 15:56	6° \mathbb{Z} 13'40					
opposition	-6224 Jul 14 j 14:28	4° \mathbb{Z} 14'16	-0°34'11	conjunction	-6217 Feb 04 j 20:32	0° \mathbb{Z} 04'13	-0°47'27
min. Earth dist.	-6224 Jul 13 j 15:49	4° \mathbb{Z} 16'33	19.15339 AU	minimum elong	-6217 Feb 04 j 20:31	0° \mathbb{Z} 04'13	0°47'52
direct	-6224 Sep 27 j 11:20	2° \mathbb{Z} 18'28		max. Earth dist.	-6217 Feb 05 j 07:53	0° \mathbb{Z} 05'49	20.93950 AU
evening set	-6224 Dec 25 j 14:54	5° \mathbb{Z} 14'46		morning rise	-6217 Feb 21 j 10:20	1° \mathbb{Z} 00'20	
				retrograde	-6217 May 27 j 03:46	4° \mathbb{Z} 08'18	
conjunction	-6223 Jan 10 j 18:40	6° \mathbb{Z} 09'12	-0°32'26	opposition	-6217 Aug 12 j 03:52	2° \mathbb{Z} 08'08	-0°53'32
minimum elong	-6223 Jan 10 j 18:40	6° \mathbb{Z} 09'12	0°32'47	min. Earth dist.	-6217 Aug 11 j 18:35	2° \mathbb{Z} 09'06	18.91485 AU
max. Earth dist.	-6223 Jan 11 j 18:06	6° \mathbb{Z} 12'31	21.14516 AU	direct	-6217 Oct 25 j 17:03	0° \mathbb{Z} 10'36	
morning rise	-6223 Jan 27 j 02:54	7° \mathbb{Z} 04'14		evening set	-6216 Jan 23 j 19:53	3° \mathbb{Z} 10'28	
retrograde	-6223 May 01 j 23:32	10° \mathbb{Z} 10'42					
opposition	-6223 Jul 18 j 19:43	8° \mathbb{Z} 11'17	-0°37'33	conjunction	-6216 Feb 09 j 07:00	4° \mathbb{Z} 06'18	-0°49'14
min. Earth dist.	-6223 Jul 17 j 23:17	8° \mathbb{Z} 13'21	19.13619 AU	minimum elong	-6216 Feb 09 j 07:00	4° \mathbb{Z} 06'18	0°49'37
direct	-6223 Oct 01 j 14:19	6° \mathbb{Z} 15'22		max. Earth dist.	-6216 Feb 09 j 17:28	4° \mathbb{Z} 07'48	20.88902 AU
evening set	-6223 Dec 29 j 20:40	9° \mathbb{Z} 11'58		morning rise	-6216 Feb 25 j 21:26	5° \mathbb{Z} 02'38	
				retrograde	-6216 May 30 j 14:42	8° \mathbb{Z} 10'58	
conjunction	-6222 Jan 15 j 01:37	10° \mathbb{Z} 06'34	-0°35'24	opposition	-6216 Aug 15 j 09:34	6° \mathbb{Z} 10'39	-0°55'23
minimum elong	-6222 Jan 15 j 01:37	10° \mathbb{Z} 06'34	0°35'46	min. Earth dist.	-6216 Aug 15 j 01:20	6° \mathbb{Z} 11'30	18.86271 AU
max. Earth dist.	-6222 Jan 16 j 00:24	10° \mathbb{Z} 09'47	21.12500 AU	direct	-6216 Oct 28 j 23:50	4° \mathbb{Z} 12'46	
morning rise	-6222 Jan 31 j 10:40	11° \mathbb{Z} 01'45		evening set	-6215 Jan 27 j 06:03	7° \mathbb{Z} 13'26	
retrograde	-6222 May 06 j 07:57	14° \mathbb{Z} 08'24					
min. Earth dist.	-6222 Jul 22 j 05:39	12° \mathbb{Z} 10'54	19.11296 AU	conjunction	-6215 Feb 12 j 17:57	8° \mathbb{Z} 09'31	-0°50'46
opposition	-6222 Jul 23 j 00:56	12° \mathbb{Z} 08'56	-0°40'44	minimum elong	-6215 Feb 12 j 17:57	8° \mathbb{Z} 09'31	0°51'11
direct	-6222 Oct 05 j 18:43	10° \mathbb{Z} 12'53		max. Earth dist.	-6215 Feb 13 j 01:15	8° \mathbb{Z} 10'34	20.83545 AU
evening set	-6221 Jan 03 j 03:16	13° \mathbb{Z} 09'52		morning rise	-6215 Mar 01 j 09:18	9° \mathbb{Z} 06'06	

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Attention, astronomical year style is used: The year -6215 in astronomical counting style is the year 6216 BCE in historical counting style.

retrograde	-6215 Jun 04 j 00:04	12°  14°50	evening set	-6208 Feb 27 j 05:27	6°  18°56	
opposition	-6215 Aug 19 j 15:50	10°  14°22 -0°56'58				
min. Earth dist.	-6215 Aug 19 j 10:07	10°  14°57 18.80784 AU	conjunction	-6208 Mar 14 j 23:15	7°  17°07 -0°54'07	
direct	-6215 Nov 02 j 04:23	8°  16°07	minimum elong	-6208 Mar 14 j 23:15	7°  17°07 0°54'27	
evening set	-6214 Jan 31 j 16:40	11°  17°41	max. Earth dist.	-6208 Mar 14 j 14:43	7°  15°52 20.39184 AU	
			morning rise	-6208 Mar 31 j 18:20	8°  15°31	
conjunction	-6214 Feb 17 j 05:42	12°  14°02 -0°52'04	retrograde	-6208 Jul 03 j 19:29	11°  28°08	
minimum elong	-6214 Feb 17 j 05:42	12°  14°02 0°52'27	opposition	-6208 Sep 17 j 00:55	9°  27°00 -0°59'41	
max. Earth dist.	-6214 Feb 17 j 12:06	12°  14°57 20.77930 AU	min. Earth dist.	-6208 Sep 17 j 08:43	9°  26°10 18.35543 AU	
morning rise	-6214 Mar 05 j 21:39	13°  10°51	direct	-6208 Nov 30 j 16:41	7°  26°12	
retrograde	-6214 Jun 08 j 12:12	16°  20°03	evening set	-6207 Mar 02 j 23:05	10°  35°54	
opposition	-6214 Aug 23 j 22:20	14°  19°27 -0°58'16				
min. Earth dist.	-6214 Aug 23 j 17:38	14°  19°56 18.75038 AU	conjunction	-6207 Mar 19 j 17:22	11°  34°23 -0°53'25	
direct	-6214 Nov 06 j 12:00	12°  20°52	minimum elong	-6207 Mar 19 j 17:22	11°  34°23 0°53'44	
evening set	-6213 Feb 05 j 04:29	15°  23°24	max. Earth dist.	-6207 Mar 19 j 05:23	11°  32°38 20.31834 AU	
			morning rise	-6207 Apr 05 j 12:49	12°  33°04	
conjunction	-6213 Feb 21 j 18:17	16°  20°02 -0°53'06		-6207 May 26 j 12:57	15° 	
minimum elong	-6213 Feb 21 j 18:17	16°  20°02 0°53'29	retrograde	-6207 Jul 08 j 09:56	15°  46°18	
max. Earth dist.	-6213 Feb 21 j 21:24	16°  20°29 20.72071 AU		-6207 Aug 20 j 19:26	15° 	
morning rise	-6213 Mar 10 j 11:04	17°  17°06	opposition	-6207 Sep 21 j 11:42	13°  45°01 -0°58'46	
retrograde	-6213 Jun 12 j 22:49	20°  26°47	min. Earth dist.	-6207 Sep 21 j 22:38	13°  43°51 18.28096 AU	
opposition	-6213 Aug 28 j 05:19	18°  26°05 -0°59'17	direct	-6207 Dec 05 j 03:50	11°  43°46	
min. Earth dist.	-6213 Aug 28 j 03:21	18°  26°18 18.69067 AU	evening set	-6206 Mar 07 j 17:25	14°  54°47	
direct	-6213 Nov 10 j 18:02	16°  27°09		-6206 Mar 09 j 05:42	15° 	
evening set	-6212 Feb 09 j 17:04	19°  30°44				
			conjunction	-6206 Mar 24 j 12:24	15°  53°36 -0°52'25	
conjunction	-6212 Feb 26 j 07:54	20°  27°40 -0°53'53	minimum elong	-6206 Mar 24 j 12:24	15°  53°36 0°52'43	
minimum elong	-6212 Feb 26 j 07:54	20°  27°40 0°54'16	max. Earth dist.	-6206 Mar 23 j 22:31	15°  51°34 20.24306 AU	
max. Earth dist.	-6212 Feb 26 j 09:49	20°  27°57 20.65989 AU	morning rise	-6206 Apr 10 j 08:03	16°  52°33	
morning rise	-6212 Mar 14 j 01:09	21°  24°59	retrograde	-6206 Jul 13 j 02:16	20°  06°24	
retrograde	-6212 Jun 16 j 11:54	24°  35°12	opposition	-6206 Sep 25 j 23:00	18°  04°57 -0°57'31	
opposition	-6212 Aug 31 j 12:46	22°  34°26 -1°00'01	min. Earth dist.	-6206 Sep 26 j 11:02	18°  03°40 18.20490 AU	
min. Earth dist.	-6212 Aug 31 j 11:54	22°  34°32 18.62864 AU	direct	-6206 Dec 09 j 17:43	16°  03°14	
direct	-6212 Nov 14 j 02:21	20°  35°11	evening set	-6205 Mar 12 j 12:58	19°  15°36	
evening set	-6211 Feb 13 j 06:36	23°  39°52				
			conjunction	-6205 Mar 29 j 08:19	20°  14°44 -0°51'07	
conjunction	-6211 Mar 01 j 22:04	24°  37°06 -0°54'22	minimum elong	-6205 Mar 29 j 08:19	20°  14°44 0°51'24	
minimum elong	-6211 Mar 01 j 22:04	24°  37°06 0°54'45	max. Earth dist.	-6205 Mar 28 j 15:27	20°  12°14 20.16645 AU	
max. Earth dist.	-6211 Mar 01 j 20:39	24°  36°54 20.59670 AU	morning rise	-6205 Apr 15 j 04:06	21°  13°56	
morning rise	-6211 Mar 18 j 16:01	25°  34°41	retrograde	-6205 Jul 17 j 17:29	24°  28°24	
retrograde	-6211 Jun 21 j 00:11	28°  45°30	opposition	-6205 Sep 30 j 11:05	22°  26°47 -0°55'55	
opposition	-6211 Sep 04 j 20:57	26°  44°39 -1°00'25	min. Earth dist.	-6205 Oct 01 j 02:06	22°  25°10 18.12808 AU	
min. Earth dist.	-6211 Sep 04 j 23:00	26°  44°26 18.56430 AU	direct	-6205 Dec 14 j 06:36	20°  24°34	
direct	-6211 Nov 18 j 09:58	24°  45°02	evening set	-6204 Mar 16 j 09:16	23°  38°19	
evening set	-6210 Feb 17 j 21:07	27°  50°55	max. Earth dist.	-6204 Apr 01 j 10:22	24°  34°59 20.08962 AU	
conjunction	-6210 Mar 06 j 13:32	28°  48°27 -0°54'35	conjunction	-6204 Apr 02 j 05:03	24°  37°46 -0°49'30	
minimum elong	-6210 Mar 06 j 13:32	28°  48°27 0°54'58	minimum elong	-6204 Apr 02 j 05:03	24°  37°46 0°49'45	
max. Earth dist.	-6210 Mar 06 j 10:34	28°  48°02 20.53113 AU	morning rise	-6204 Apr 19 j 00:52	25°  37°14	
morning rise	-6210 Mar 23 j 07:51	29°  46°19	retrograde	-6204 Jul 21 j 11:05	28°  52°18	
	-6210 Mar 27 j 09:28	0° 	opposition	-6204 Oct 03 j 23:50	26°  50°31 -0°53'59	
retrograde	-6210 Jun 25 j 14:26	2°  57°42	min. Earth dist.	-6204 Oct 04 j 15:38	26°  48°49 18.05138 AU	
opposition	-6210 Sep 09 j 05:29	0°  56°47 -1°00'31	direct	-6204 Dec 17 j 22:41	24°  47°50	
min. Earth dist.	-6210 Sep 09 j 08:51	0°  56°26 18.49737 AU	evening set	-6203 Mar 21 j 06:19	28°  02°57	
	-6210 Oct 02 j 14:11	30° 	max. Earth dist.	-6203 Apr 06 j 05:29	28°  59°36 20.01319 AU	
direct	-6210 Nov 22 j 19:35	28°  56°49				
	-6209 Jan 11 j 23:17	0° 	conjunction	-6203 Apr 07 j 02:22	29°  02°42 -0°47'35	
evening set	-6209 Feb 22 j 12:53	2°  03°56	minimum elong	-6203 Apr 07 j 02:22	29°  02°42 0°47'50	
			morning rise	-6203 Apr 23 j 22:06	0°  02°26	
conjunction	-6209 Mar 11 j 05:54	3°  01°48 -0°54'30		-6203 Apr 23 j 05:22	0° 	
minimum elong	-6209 Mar 11 j 05:54	3°  01°48 0°54°51	retrograde	-6203 Jul 26 j 03:21	3° 	
max. Earth dist.	-6209 Mar 10 j 23:16	3°  00°50 20.46283 AU	opposition	-6203 Oct 08 j 13:31	1°  16°12 -0°51'43	
morning rise	-6209 Mar 28 j 00:45	3°  59°55	min. Earth dist.	-6203 Oct 09 j 07:54	1°  14°13 17.97558 AU	
retrograde	-6209 Jun 30 j 04:09	7°  11°56		-6203 Nov 09 j 06:35	30° 	
opposition	-6209 Sep 13 j 14:58	5°  10°55 -1°00'16	direct	-6203 Dec 22 j 13:00	29°  13°02	
min. Earth dist.	-6209 Sep 13 j 21:30	5°  10°13 18.42775 AU		-6202 Feb 03 j 06:31	0° 	
direct	-6209 Nov 27 j 04:59	3°  10°33	evening set	-6202 Mar 26 j 04:24	2° 	

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Attention, astronomical year style is used: The year -6202 in astronomical counting style is the year 6203 BCE in historical counting style.

max. Earth dist.	-6202 Apr 11 j 01:59	3° $\mathbf{\text{X}}$ 26'12	19.93817 AU	morning rise	-6196 May 26 j 23:19	1° $\mathbf{\text{Y}}$ 55'07	
				retrograde	-6196 Aug 27 j 04:43	5° $\mathbf{\text{Y}}$ 15'04	
conjunction	-6202 Apr 12 j 00:40	3° $\mathbf{\text{X}}$ 29'36	-0°45'23	opposition	-6196 Nov 08 j 13:08	3° $\mathbf{\text{Y}}$ 12'45	-0°27'20
minimum elong	-6202 Apr 12 j 00:41	3° $\mathbf{\text{X}}$ 29'36	0°45'35	min. Earth dist.	-6196 Nov 09 j 15:25	3° $\mathbf{\text{Y}}$ 09'53	17.51679 AU
morning rise	-6202 Apr 28 j 20:19	4° $\mathbf{\text{X}}$ 29'35		direct	-6195 Jan 23 j 03:29	1° $\mathbf{\text{Y}}$ 07'09	
retrograde	-6202 Jul 30 j 22:38	7° $\mathbf{\text{X}}$ 45'54		evening set	-6195 Apr 28 j 14:59	4° $\mathbf{\text{Y}}$ 33'13	
opposition	-6202 Oct 13 j 03:44	5° $\mathbf{\text{X}}$ 43'49	-0°49'08	max. Earth dist.	-6195 May 14 j 02:22	5° $\mathbf{\text{Y}}$ 30'05	19.48942 AU
min. Earth dist.	-6202 Oct 13 j 22:42	5° $\mathbf{\text{X}}$ 41'46	17.90148 AU				
direct	-6202 Dec 27 j 06:59	3° $\mathbf{\text{X}}$ 40'12		conjunction	-6195 May 15 j 09:55	5° $\mathbf{\text{Y}}$ 34'58	-0°22'31
evening set	-6201 Mar 31 j 03:27	6° $\mathbf{\text{X}}$ 58'09		minimum elong	-6195 May 15 j 09:55	5° $\mathbf{\text{Y}}$ 34'58	0°22'31
				morning rise	-6195 Jun 01 j 01:42	6° $\mathbf{\text{Y}}$ 36'18	
conjunction	-6201 Apr 16 j 23:51	7° $\mathbf{\text{X}}$ 58'29	-0°42'54	retrograde	-6195 Sep 01 j 03:54	9° $\mathbf{\text{Y}}$ 56'46	
minimum elong	-6201 Apr 16 j 23:52	7° $\mathbf{\text{X}}$ 58'29	0°43'05	opposition	-6195 Nov 13 j 10:04	7° $\mathbf{\text{Y}}$ 54'26	-0°22'49
max. Earth dist.	-6201 Apr 15 j 23:34	7° $\mathbf{\text{X}}$ 54'50	19.86504 AU	min. Earth dist.	-6195 Nov 14 j 13:34	7° $\mathbf{\text{Y}}$ 51'25	17.46359 AU
morning rise	-6201 May 03 j 19:09	8° $\mathbf{\text{X}}$ 58'42		direct	-6194 Jan 28 j 02:18	5° $\mathbf{\text{Y}}$ 48'35	
retrograde	-6201 Aug 04 j 16:45	12° $\mathbf{\text{X}}$ 15'38		evening set	-6194 May 03 j 19:37	9° $\mathbf{\text{Y}}$ 15'47	
opposition	-6201 Oct 17 j 19:07	10° $\mathbf{\text{X}}$ 13'28	-0°46'13	max. Earth dist.	-6194 May 19 j 04:04	10° $\mathbf{\text{Y}}$ 12'27	19.43789 AU
min. Earth dist.	-6201 Oct 18 j 16:21	10° $\mathbf{\text{X}}$ 11'10	17.82966 AU				
direct	-6201 Dec 31 j 23:05	8° $\mathbf{\text{X}}$ 09'26		conjunction	-6194 May 20 j 13:44	10° $\mathbf{\text{Y}}$ 17'41	-0°18'22
evening set	-6200 Apr 04 j 03:15	11° $\mathbf{\text{X}}$ 28'48		minimum elong	-6194 May 20 j 13:45	10° $\mathbf{\text{Y}}$ 17'41	0°18'20
				morning rise	-6194 Jun 06 j 04:46	11° $\mathbf{\text{Y}}$ 19'08	
conjunction	-6200 Apr 20 j 23:35	12° $\mathbf{\text{X}}$ 29'24	-0°40'08	retrograde	-6194 Sep 06 j 02:46	14° $\mathbf{\text{Y}}$ 40'04	
minimum elong	-6200 Apr 20 j 23:35	12° $\mathbf{\text{X}}$ 29'24	0°40'17	opposition	-6194 Nov 18 j 07:40	12° $\mathbf{\text{Y}}$ 37'42	-0°18'07
max. Earth dist.	-6200 Apr 19 j 21:28	12° $\mathbf{\text{X}}$ 25'27	19.79463 AU	min. Earth dist.	-6194 Nov 19 j 11:50	12° $\mathbf{\text{Y}}$ 34'37	17.41386 AU
morning rise	-6200 May 07 j 18:38	13° $\mathbf{\text{X}}$ 29'51		direct	-6193 Feb 02 j 03:05	10° $\mathbf{\text{Y}}$ 31'34	
retrograde	-6200 Aug 08 j 13:30	16° $\mathbf{\text{X}}$ 47'25		evening set	-6193 May 09 j 00:32	13° $\mathbf{\text{Y}}$ 59'52	
opposition	-6200 Oct 21 j 11:13	14° $\mathbf{\text{X}}$ 45'10	-0°43'01	max. Earth dist.	-6193 May 24 j 08:56	14° $\mathbf{\text{Y}}$ 56'43	19.38995 AU
min. Earth dist.	-6200 Oct 22 j 08:46	14° $\mathbf{\text{X}}$ 42'49	17.76074 AU				
direct	-6199 Jan 04 j 18:15	12° $\mathbf{\text{X}}$ 40'46		conjunction	-6193 May 25 j 18:05	15° $\mathbf{\text{Y}}$ 01'53	-0°14'05
evening set	-6199 Apr 09 j 03:55	16° $\mathbf{\text{X}}$ 01'32		minimum elong	-6193 May 25 j 18:05	15° $\mathbf{\text{Y}}$ 01'53	0°14'02
max. Earth dist.	-6199 Apr 24 j 21:18	16° $\mathbf{\text{X}}$ 58'18	19.72718 AU	behind sun begin	-6193 May 25 j 14:52	15° $\mathbf{\text{Y}}$ 01'23	
				behind sun end	-6193 May 25 j 21:19	15° $\mathbf{\text{Y}}$ 02'22	
conjunction	-6199 Apr 26 j 00:16	17° $\mathbf{\text{X}}$ 02'24	-0°37'05	morning rise	-6193 Jun 11 j 07:59	16° $\mathbf{\text{Y}}$ 03'25	
minimum elong	-6199 Apr 26 j 00:16	17° $\mathbf{\text{X}}$ 02'24	0°37'13	retrograde	-6193 Sep 11 j 02:42	19° $\mathbf{\text{Y}}$ 24'46	
morning rise	-6199 May 12 j 18:45	18° $\mathbf{\text{X}}$ 03'04		opposition	-6193 Nov 23 j 06:18	17° $\mathbf{\text{Y}}$ 22'22	-0°13'16
retrograde	-6199 Aug 13 j 09:51	21° $\mathbf{\text{X}}$ 21'15		min. Earth dist.	-6193 Nov 24 j 10:57	17° $\mathbf{\text{Y}}$ 19'13	17.36787 AU
opposition	-6199 Oct 26 j 04:16	19° $\mathbf{\text{X}}$ 18'58	-0°39'30	direct	-6192 Feb 07 j 04:21	15° $\mathbf{\text{Y}}$ 16'00	
min. Earth dist.	-6199 Oct 27 j 03:49	19° $\mathbf{\text{X}}$ 16'24	17.69495 AU	evening set	-6192 May 13 j 05:46	18° $\mathbf{\text{Y}}$ 45'14	
direct	-6198 Jan 09 j 12:08	17° $\mathbf{\text{X}}$ 14'14		max. Earth dist.	-6192 May 28 j 11:46	19° $\mathbf{\text{Y}}$ 41'57	19.34613 AU
evening set	-6198 Apr 14 j 05:33	20° $\mathbf{\text{X}}$ 36'23					
max. Earth dist.	-6198 Apr 29 j 20:35	21° $\mathbf{\text{X}}$ 33'05	19.66309 AU	conjunction	-6192 May 29 j 22:20	19° $\mathbf{\text{Y}}$ 47'21	-0°09'42
				minimum elong	-6192 May 29 j 22:20	19° $\mathbf{\text{Y}}$ 47'21	0°09'36
conjunction	-6198 May 01 j 01:37	21° $\mathbf{\text{X}}$ 37'30	-0°33'47	behind sun begin	-6192 May 29 j 16:47	19° $\mathbf{\text{Y}}$ 46'30	
minimum elong	-6198 May 01 j 01:37	21° $\mathbf{\text{X}}$ 37'30	0°33'54	behind sun end	-6192 May 30 j 03:53	19° $\mathbf{\text{Y}}$ 48'12	
morning rise	-6198 May 17 j 19:45	22° $\mathbf{\text{X}}$ 38'23		morning rise	-6192 Jun 15 j 11:17	20° $\mathbf{\text{Y}}$ 48'57	
retrograde	-6198 Aug 18 j 07:59	25° $\mathbf{\text{X}}$ 57'11		retrograde	-6192 Sep 15 j 01:58	24° $\mathbf{\text{Y}}$ 10'41	
opposition	-6198 Oct 30 j 22:12	23° $\mathbf{\text{X}}$ 54'53	-0°35'42	opposition	-6192 Nov 27 j 05:36	22° $\mathbf{\text{Y}}$ 08'13	-0°08'19
min. Earth dist.	-6198 Oct 31 j 22:14	23° $\mathbf{\text{X}}$ 52'16	17.63245 AU	min. Earth dist.	-6192 Nov 28 j 10:43	22° $\mathbf{\text{Y}}$ 05'02	17.32643 AU
direct	-6197 Jan 14 j 08:46	21° $\mathbf{\text{X}}$ 49'50		direct	-6191 Feb 11 j 06:46	20° $\mathbf{\text{Y}}$ 01'38	
evening set	-6197 Apr 19 j 07:59	25° $\mathbf{\text{X}}$ 13'21		evening set	-6191 May 18 j 11:10	23° $\mathbf{\text{Y}}$ 31'44	
max. Earth dist.	-6197 May 04 j 22:26	26° $\mathbf{\text{X}}$ 10'12	19.60204 AU	max. Earth dist.	-6191 Jun 02 j 17:23	24° $\mathbf{\text{Y}}$ 28'39	19.30711 AU
conjunction	-6197 May 06 j 03:51	26° $\mathbf{\text{X}}$ 14'43	-0°30'15	conjunction	-6191 Jun 04 j 02:58	24° $\mathbf{\text{Y}}$ 33'55	-0°05'14
minimum elong	-6197 May 06 j 03:51	26° $\mathbf{\text{X}}$ 14'43	0°30'18	minimum elong	-6191 Jun 04 j 02:57	24° $\mathbf{\text{Y}}$ 33'54	0°05'07
morning rise	-6197 May 22 j 21:09	27° $\mathbf{\text{X}}$ 15'45		behind sun begin	-6191 Jun 03 j 20:25	24° $\mathbf{\text{Y}}$ 32'54	
	-6197 Jul 18 j 06:28	0° $\mathbf{\text{Y}}$		behind sun end	-6191 Jun 04 j 09:30	24° $\mathbf{\text{Y}}$ 34'55	
retrograde	-6197 Aug 23 j 06:00	0° $\mathbf{\text{Y}}$ 35'08		morning rise	-6191 Jun 20 j 14:43	25° $\mathbf{\text{Y}}$ 35'33	
	-6197 Sep 28 j 16:15	30° $\mathbf{\text{R}}$ $\mathbf{\text{X}}$		retrograde	-6191 Sep 20 j 02:32	28° $\mathbf{\text{Y}}$ 57'35	
opposition	-6197 Nov 04 j 17:13	28° $\mathbf{\text{X}}$ 32'51	-0°31'39	opposition	-6191 Dec 02 j 05:26	26° $\mathbf{\text{Y}}$ 55'06	-0°03'17
min. Earth dist.	-6197 Nov 05 j 18:58	28° $\mathbf{\text{X}}$ 30'02	17.57300 AU	min. Earth dist.	-6191 Dec 03 j 10:15	26° $\mathbf{\text{Y}}$ 51'56	17.28994 AU
direct	-6196 Jan 19 j 04:56	26° $\mathbf{\text{X}}$ 27'32		direct	-6190 Feb 16 j 10:10	24° $\mathbf{\text{Y}}$ 48'18	
evening set	-6196 Apr 23 j 11:18	29° $\mathbf{\text{X}}$ 52'21		evening set	-6190 May 23 j 16:53	28° $\mathbf{\text{Y}}$ 19'09	
	-6196 Apr 25 j 14:08	0° $\mathbf{\text{Y}}$		max. Earth dist.	-6190 Jun 07 j 21:25	29° $\mathbf{\text{Y}}$ 16'00	19.27339 AU
max. Earth dist.	-6196 May 08 j 22:57	0° $\mathbf{\text{Y}}$ 49'03	19.54419 AU				
				conjunction	-6190 Jun 09 j 07:34	29° $\mathbf{\text{Y}}$ 21'22	-0°00'40
conjunction	-6196 May 10 j 06:34	0° $\mathbf{\text{Y}}$ 53'55	-0°26'29	minimum elong	-6190 Jun 09 j 07:34	29° $\mathbf{\text{Y}}$ 21'22	0°00'30
minimum elong	-6196 May 10 j 06:34	0° $\mathbf{\text{Y}}$ 53'55	0°26'31	behind sun begin	-6190 Jun 09 j 00:50	29° $\mathbf{\text{Y}}$ 20'20	

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Attention, astronomical year style is used: The year -6190 in astronomical counting style is the year 6191 BCE in historical counting style.

behind sun end	-6190 Jun 09 j 14:17	29° Υ 22'24		min. Earth dist.	-6184 Jan 01 j 16:55	25° B 46'20	17.20728 AU
	-6190 Jun 19 j 13:38	0° B		direct	-6184 Mar 17 j 12:42	23° B 41'59	
morning rise	-6190 Jun 25 j 18:12	0° B 23'01		evening set	-6184 Jun 22 j 00:09	27° B 14'52	
asc. node	-6190 Aug 01 j 07:07	2° B 24'02		max. Earth dist.	-6184 Jul 07 j 05:46	28° B 12'35	19.21131 AU
retrograde	-6190 Sep 25 j 02:05	3° B 45'19					
opposition	-6190 Dec 07 j 06:07	1° B 42'48	0°01'47	conjunction	-6184 Jul 08 j 07:27	28° B 16'40	0°25'42
min. Earth dist.	-6190 Dec 08 j 11:15	1° B 39'36	17.25924 AU	minimum elong	-6184 Jul 08 j 07:26	28° B 16'40	0°26'02
	-6189 Jan 21 j 22:44	30° R Υ		morning rise	-6184 Jul 24 j 10:12	29° B 17'49	
direct	-6189 Feb 21 j 13:30	29° Υ 35'50			-6184 Aug 05 j 00:05	0° II	
	-6189 Mar 23 j 19:57	0° B		retrograde	-6184 Oct 23 j 10:06	2° II 40'47	
evening set	-6189 May 28 j 22:24	3° B 07'19		opposition	-6183 Jan 04 j 21:20	0° II 38'43	0°30'53
max. Earth dist.	-6189 Jun 13 j 03:15	4° B 04'22	19.24572 AU	min. Earth dist.	-6183 Jan 05 j 20:16	0° II 36'14	17.21765 AU
					-6183 Jan 20 j 00:24	30° R B	
conjunction	-6189 Jun 14 j 12:02	4° B 09'32	0°03'58	direct	-6183 Mar 22 j 16:10	28° B 32'01	
minimum elong	-6189 Jun 14 j 12:02	4° B 09'32	0°04'11		-6183 May 20 j 19:46	0° II	
behind sun begin	-6189 Jun 14 j 05:24	4° B 08'31		evening set	-6183 Jun 27 j 04:31	2° II 04'48	
behind sun end	-6189 Jun 14 j 18:40	4° B 10'34		max. Earth dist.	-6183 Jul 12 j 09:29	3° II 02'28	19.22481 AU
morning rise	-6189 Jun 30 j 21:25	5° B 11'10					
retrograde	-6189 Sep 30 j 03:34	8° B 33'42		conjunction	-6183 Jul 13 j 10:17	3° II 06'25	0°29'39
opposition	-6189 Dec 12 j 07:22	6° B 31'10	0°06'51	minimum elong	-6183 Jul 13 j 10:17	3° II 06'25	0°29'59
min. Earth dist.	-6189 Dec 13 j 11:12	6° B 28'07	17.23472 AU	morning rise	-6183 Jul 29 j 11:52	4° II 07'24	
direct	-6188 Feb 26 j 18:31	4° B 24'06		retrograde	-6183 Oct 28 j 12:45	7° II 30'18	
evening set	-6188 Jun 02 j 03:59	7° B 56'06		opposition	-6182 Jan 10 j 01:01	5° II 28'22	0°35'11
max. Earth dist.	-6188 Jun 17 j 08:12	8° B 53'12	19.22457 AU	min. Earth dist.	-6182 Jan 10 j 21:36	5° II 26'08	17.23404 AU
				direct	-6182 Mar 27 j 23:28	3° II 21'53	
conjunction	-6188 Jun 18 j 16:23	8° B 58'17	0°08'29	evening set	-6182 Jul 02 j 08:17	6° II 54'25	
minimum elong	-6188 Jun 18 j 16:23	8° B 58'17	0°08'41				
behind sun begin	-6188 Jun 18 j 10:34	8° B 57'24		conjunction	-6182 Jul 18 j 12:48	7° II 55'50	0°33'23
behind sun end	-6188 Jun 18 j 22:12	8° B 59'11		minimum elong	-6182 Jul 18 j 12:48	7° II 55'50	0°33'44
morning rise	-6188 Jul 05 j 00:28	9° B 59'53		max. Earth dist.	-6182 Jul 17 j 14:47	7° II 52'19	19.24397 AU
retrograde	-6188 Oct 04 j 03:33	13° B 22'35		morning rise	-6182 Aug 03 j 12:54	8° II 56'37	
opposition	-6188 Dec 16 j 09:15	11° B 20'05	0°11'53	retrograde	-6182 Nov 02 j 12:16	12° II 19'22	
min. Earth dist.	-6188 Dec 17 j 13:03	11° B 17'02	17.21717 AU	opposition	-6181 Jan 15 j 05:15	10° II 17'35	0°39'13
direct	-6187 Mar 02 j 21:46	9° B 12'57		min. Earth dist.	-6181 Jan 16 j 01:11	10° II 15'26	17.25586 AU
evening set	-6187 Jun 07 j 09:19	12° B 45'21		direct	-6181 Apr 02 j 04:11	8° II 11'20	
				evening set	-6181 Jul 07 j 11:29	11° II 43'28	
conjunction	-6187 Jun 23 j 20:31	13° B 47'29	0°12'56				
minimum elong	-6187 Jun 23 j 20:31	13° B 47'29	0°13'11	conjunction	-6181 Jul 23 j 14:26	12° II 44'38	0°36'53
behind sun begin	-6187 Jun 23 j 16:37	13° B 46'53		minimum elong	-6181 Jul 23 j 14:26	12° II 44'38	0°37'15
behind sun end	-6187 Jun 24 j 00:26	13° B 48'06		max. Earth dist.	-6181 Jul 22 j 17:14	12° II 41'16	19.26842 AU
max. Earth dist.	-6187 Jun 22 j 13:43	13° B 42'36	19.21060 AU	morning rise	-6181 Aug 08 j 13:26	13° II 45'13	
morning rise	-6187 Jul 10 j 03:23	14° B 49'01		retrograde	-6181 Nov 07 j 13:54	17° II 07'47	
	-6187 Jul 13 j 02:44	15° B		opposition	-6180 Jan 20 j 09:26	15° II 06'06	0°42'58
retrograde	-6187 Oct 09 j 06:17	18° B 11'51		min. Earth dist.	-6180 Jan 21 j 02:57	15° II 04'13	17.28279 AU
opposition	-6187 Dec 21 j 11:32	16° B 09'24	0°16'50	direct	-6180 Apr 06 j 11:46	13° II 00'04	
min. Earth dist.	-6187 Dec 22 j 13:22	16° B 06'35	17.20670 AU	evening set	-6180 Jul 11 j 13:54	16° II 31'40	
	-6186 Jan 18 j 12:40	15° R B					
direct	-6186 Mar 08 j 03:32	14° B 02'17		conjunction	-6180 Jul 27 j 15:40	17° II 32'36	0°40'06
	-6186 Apr 24 j 10:15	15° B		minimum elong	-6180 Jul 27 j 15:40	17° II 32'36	0°40'28
evening set	-6186 Jun 12 j 14:36	17° B 34'59		max. Earth dist.	-6180 Jul 26 j 21:32	17° II 29'43	19.29770 AU
max. Earth dist.	-6186 Jun 27 j 19:16	18° B 32'23	19.20373 AU	morning rise	-6180 Aug 12 j 13:17	18° II 32'56	
				retrograde	-6180 Nov 11 j 12:48	21° II 55'14	
conjunction	-6186 Jun 29 j 00:33	18° B 37'02	0°17'19	opposition	-6179 Jan 24 j 13:32	19° II 53'39	0°46'24
minimum elong	-6186 Jun 29 j 00:32	18° B 37'02	0°17'35	min. Earth dist.	-6179 Jan 25 j 05:56	19° II 51'54	17.31432 AU
morning rise	-6186 Jul 15 j 05:58	19° B 38'27		direct	-6179 Apr 11 j 17:06	17° II 47'52	
retrograde	-6186 Oct 14 j 06:28	23° B 01'23		evening set	-6179 Jul 16 j 15:41	21° II 18'48	
opposition	-6186 Dec 26 j 14:24	20° B 59'02	0°21'41				
min. Earth dist.	-6186 Dec 27 j 16:03	20° B 56'15	17.20347 AU	conjunction	-6179 Aug 01 j 15:59	22° II 19'27	0°43'02
direct	-6185 Mar 13 j 06:25	18° B 52'01		minimum elong	-6179 Aug 01 j 15:59	22° II 19'27	0°43'25
evening set	-6185 Jun 17 j 19:40	22° B 24'52		max. Earth dist.	-6179 Jul 31 j 22:44	22° II 16'42	19.33152 AU
max. Earth dist.	-6185 Jul 03 j 00:08	23° B 22'21	19.20416 AU	morning rise	-6179 Aug 17 j 12:37	23° II 19'33	
				retrograde	-6179 Nov 16 j 13:03	26° II 41'31	
conjunction	-6185 Jul 04 j 04:12	23° B 26'49	0°21'35	opposition	-6178 Jan 29 j 17:30	24° II 40'01	0°49'30
minimum elong	-6185 Jul 04 j 04:11	23° B 26'48	0°21'52	min. Earth dist.	-6178 Jan 30 j 07:37	24° II 38'30	17.35034 AU
morning rise	-6185 Jul 20 j 08:24	24° B 28'06		direct	-6178 Apr 16 j 22:41	22° II 34'27	
retrograde	-6185 Oct 19 j 09:57	27° B 51'05		evening set	-6178 Jul 21 j 16:24	26° II 04'35	
opposition	-6185 Dec 31 j 17:38	25° B 48'52	0°26'22				

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Attention, astronomical year style is used: The year -6178 in astronomical counting style is the year 6179 BCE in historical counting style.

conjunction	-6178 Aug 06 j 15:33	27° Π 04'58	0°45'39	retrograde	-6172 Dec 18 j 21:47	29° \mathfrak{D} 18'21	
minimum elong	-6178 Aug 06 j 15:33	27° Π 04'58	0°46'02	opposition	-6171 Mar 04 j 10:24	27° \mathfrak{D} 17'29	1°00'36
max. Earth dist.	-6178 Aug 06 j 01:34	27° Π 02'45	19.36970 AU	min. Earth dist.	-6171 Mar 04 j 07:06	27° \mathfrak{D} 17'49	17.72675 AU
morning rise	-6178 Aug 22 j 10:56	28° Π 04'48		direct	-6171 May 20 j 17:26	25° \mathfrak{D} 14'17	
	-6178 Sep 25 j 16:58	0° \mathfrak{D}		evening set	-6171 Aug 22 j 17:40	28° \mathfrak{D} 36'30	
retrograde	-6178 Nov 21 j 12:03	1° \mathfrak{D} 26'22					
	-6177 Jan 20 j 22:53	30° \mathfrak{R} Π		conjunction	-6171 Sep 07 j 09:35	29° \mathfrak{D} 34'39	0°54'30
opposition	-6177 Feb 03 j 21:20	29° Π 24'57	0°52'14	minimum elong	-6171 Sep 07 j 09:35	29° \mathfrak{D} 34'39	0°54'52
min. Earth dist.	-6177 Feb 04 j 09:36	29° Π 23'39	17.39057 AU	max. Earth dist.	-6171 Sep 07 j 13:37	29° \mathfrak{D} 35'17	19.76133 AU
direct	-6177 Apr 22 j 03:47	27° Π 19'38			-6171 Sep 14 j 04:19	0° \mathfrak{Q}	
	-6177 Jul 13 j 02:57	0° \mathfrak{D}		morning rise	-6171 Sep 22 j 23:40	0° \mathfrak{Q} 32'33	
evening set	-6177 Jul 26 j 16:20	0° \mathfrak{D} 48'52		retrograde	-6171 Dec 23 j 16:47	3° \mathfrak{Q} 50'31	
				opposition	-6170 Mar 09 j 10:44	1° \mathfrak{Q} 49'49	1°00'39
conjunction	-6177 Aug 11 j 14:07	1° \mathfrak{D} 48'56	0°47'56	min. Earth dist.	-6170 Mar 09 j 05:52	1° \mathfrak{Q} 50'19	17.79672 AU
minimum elong	-6177 Aug 11 j 14:07	1° \mathfrak{D} 48'56	0°48'21		-6170 May 03 j 01:03	30° \mathfrak{R} \mathfrak{D}	
max. Earth dist.	-6177 Aug 11 j 01:32	1° \mathfrak{D} 46'57	19.41222 AU	direct	-6170 May 25 j 15:33	29° \mathfrak{D} 47'06	
morning rise	-6177 Aug 27 j 08:36	2° \mathfrak{D} 48'31			-6170 Jun 16 j 22:59	0° \mathfrak{Q}	
retrograde	-6177 Nov 26 j 10:58	6° \mathfrak{D} 09'39		evening set	-6170 Aug 27 j 10:22	3° \mathfrak{Q} 08'00	
opposition	-6176 Feb 09 j 00:46	4° \mathfrak{D} 08'16	0°54'35				
min. Earth dist.	-6176 Feb 09 j 10:49	4° \mathfrak{D} 07'13	17.43539 AU	conjunction	-6170 Sep 12 j 01:33	4° \mathfrak{Q} 05'50	0°54'24
direct	-6176 Apr 26 j 06:56	2° \mathfrak{D} 03'13		minimum elong	-6170 Sep 12 j 01:33	4° \mathfrak{Q} 05'50	0°54'45
evening set	-6176 Jul 30 j 14:58	5° \mathfrak{D} 31'25		max. Earth dist.	-6170 Sep 12 j 08:02	4° \mathfrak{Q} 06'50	19.83259 AU
				morning rise	-6170 Sep 27 j 15:16	5° \mathfrak{Q} 03'26	
conjunction	-6176 Aug 15 j 11:44	6° \mathfrak{D} 31'12	0°49'54	retrograde	-6170 Dec 28 j 12:24	8° \mathfrak{Q} 20'51	
minimum elong	-6176 Aug 15 j 11:43	6° \mathfrak{D} 31'12	0°50'18	opposition	-6169 Mar 14 j 10:19	6° \mathfrak{Q} 20'19	1°00'19
max. Earth dist.	-6176 Aug 15 j 02:33	6° \mathfrak{D} 29'45	19.45928 AU	min. Earth dist.	-6169 Mar 14 j 02:02	6° \mathfrak{Q} 21'10	17.86895 AU
morning rise	-6176 Aug 31 j 05:12	7° \mathfrak{D} 30'30		direct	-6169 May 30 j 15:50	4° \mathfrak{Q} 18'06	
retrograde	-6176 Nov 30 j 09:40	10° \mathfrak{D} 51'09		evening set	-6169 Sep 01 j 02:13	7° \mathfrak{Q} 37'39	
opposition	-6175 Feb 13 j 03:46	8° \mathfrak{D} 49'49	0°56'34				
min. Earth dist.	-6175 Feb 13 j 11:13	8° \mathfrak{D} 49'02	17.48457 AU	conjunction	-6169 Sep 16 j 16:48	8° \mathfrak{Q} 35'10	0°53'57
direct	-6175 May 01 j 11:24	6° \mathfrak{D} 45'03		minimum elong	-6169 Sep 16 j 16:48	8° \mathfrak{Q} 35'10	0°54'18
evening set	-6175 Aug 04 j 12:50	10° \mathfrak{D} 12'10		max. Earth dist.	-6169 Sep 17 j 01:57	8° \mathfrak{Q} 36'34	19.90563 AU
				morning rise	-6169 Oct 02 j 06:10	9° \mathfrak{Q} 32'30	
conjunction	-6175 Aug 20 j 08:21	11° \mathfrak{D} 11'37	0°51'31	retrograde	-6168 Jan 02 j 05:47	12° \mathfrak{Q} 49'19	
minimum elong	-6175 Aug 20 j 08:21	11° \mathfrak{D} 11'37	0°51'54	opposition	-6168 Mar 18 j 09:15	10° \mathfrak{Q} 48'57	0°59'37
max. Earth dist.	-6175 Aug 20 j 01:07	11° \mathfrak{D} 10'29	19.51078 AU	min. Earth dist.	-6168 Mar 17 j 23:49	10° \mathfrak{Q} 49'56	17.94271 AU
morning rise	-6175 Sep 05 j 01:01	12° \mathfrak{D} 10'39		direct	-6168 Jun 03 j 12:39	8° \mathfrak{Q} 47'13	
retrograde	-6175 Dec 05 j 06:54	15° \mathfrak{D} 30'47		evening set	-6168 Sep 04 j 17:07	12° \mathfrak{Q} 05'23	
opposition	-6174 Feb 18 j 06:14	13° \mathfrak{D} 29'32	0°58'10				
min. Earth dist.	-6174 Feb 18 j 11:35	13° \mathfrak{D} 28'58	17.53849 AU	conjunction	-6168 Sep 20 j 07:10	13° \mathfrak{Q} 02'35	0°53'11
direct	-6174 May 06 j 12:49	11° \mathfrak{D} 25'04		minimum elong	-6168 Sep 20 j 07:10	13° \mathfrak{Q} 02'35	0°53'29
evening set	-6174 Aug 09 j 09:33	14° \mathfrak{D} 51'03		max. Earth dist.	-6168 Sep 20 j 18:04	13° \mathfrak{Q} 04'16	19.97983 AU
				morning rise	-6168 Oct 05 j 20:23	13° \mathfrak{Q} 59'40	
conjunction	-6174 Aug 25 j 04:05	15° \mathfrak{D} 50'10	0°52'47		-6168 Oct 23 j 06:21	15° \mathfrak{Q}	
minimum elong	-6174 Aug 25 j 04:05	15° \mathfrak{D} 50'10	0°53'10	retrograde	-6167 Jan 05 j 23:49	17° \mathfrak{Q} 15'53	
max. Earth dist.	-6174 Aug 25 j 00:11	15° \mathfrak{D} 49'33	19.56706 AU	opposition	-6167 Mar 23 j 07:18	15° \mathfrak{Q} 15'40	0°58'33
morning rise	-6174 Sep 09 j 19:55	16° \mathfrak{D} 48'54		min. Earth dist.	-6167 Mar 22 j 18:43	15° \mathfrak{Q} 16'57	18.01707 AU
retrograde	-6174 Dec 10 j 04:52	20° \mathfrak{D} 08'31			-6167 Mar 29 j 16:32	15° \mathfrak{R} \mathfrak{Q}	
opposition	-6173 Feb 23 j 08:15	18° \mathfrak{D} 07'21	0°59'22	direct	-6167 Jun 08 j 10:43	13° \mathfrak{Q} 14'23	
min. Earth dist.	-6173 Feb 23 j 10:20	18° \mathfrak{D} 07'08	17.59697 AU		-6167 Aug 12 j 23:14	15° \mathfrak{Q}	
direct	-6173 May 11 j 16:02	16° \mathfrak{D} 03'17		evening set	-6167 Sep 09 j 07:07	16° \mathfrak{Q} 31'10	
evening set	-6173 Aug 14 j 05:13	19° \mathfrak{D} 28'02					
				conjunction	-6167 Sep 24 j 20:44	17° \mathfrak{Q} 28'04	0°52'06
conjunction	-6173 Aug 29 j 22:44	20° \mathfrak{D} 26'50	0°53'42	minimum elong	-6167 Sep 24 j 20:44	17° \mathfrak{Q} 28'04	0°52'24
minimum elong	-6173 Aug 29 j 22:44	20° \mathfrak{D} 26'50	0°54'04	max. Earth dist.	-6167 Sep 25 j 10:10	17° \mathfrak{Q} 30'08	20.05411 AU
max. Earth dist.	-6173 Aug 29 j 21:17	20° \mathfrak{D} 26'36	19.62782 AU	morning rise	-6167 Oct 10 j 09:44	18° \mathfrak{Q} 24'53	
morning rise	-6173 Sep 14 j 13:56	21° \mathfrak{D} 25'17		retrograde	-6166 Jan 10 j 15:29	21° \mathfrak{Q} 40'29	
retrograde	-6173 Dec 15 j 00:59	24° \mathfrak{D} 44'22		opposition	-6166 Mar 28 j 04:44	19° \mathfrak{Q} 40'24	0°57'09
opposition	-6172 Feb 28 j 09:48	22° \mathfrak{D} 43'20	1°00'11	min. Earth dist.	-6166 Mar 27 j 15:16	19° \mathfrak{Q} 41'46	18.09128 AU
min. Earth dist.	-6172 Feb 28 j 09:54	22° \mathfrak{D} 43'19	17.65997 AU	direct	-6166 Jun 13 j 05:51	17° \mathfrak{Q} 39'33	
direct	-6172 May 15 j 15:45	20° \mathfrak{D} 39'41		evening set	-6166 Sep 13 j 20:15	20° \mathfrak{Q} 54'56	
evening set	-6172 Aug 17 j 23:54	24° \mathfrak{D} 03'11					
				conjunction	-6166 Sep 29 j 09:29	21° \mathfrak{Q} 51'32	0°50'43
conjunction	-6172 Sep 02 j 16:37	25° \mathfrak{D} 01'39	0°54'17	minimum elong	-6166 Sep 29 j 09:29	21° \mathfrak{Q} 51'32	0°50'59
minimum elong	-6172 Sep 02 j 16:37	25° \mathfrak{D} 01'39	0°54'39	max. Earth dist.	-6166 Sep 30 j 00:11	21° \mathfrak{Q} 53'46	20.12810 AU
max. Earth dist.	-6172 Sep 02 j 18:04	25° \mathfrak{D} 01'53	19.69288 AU	morning rise	-6166 Oct 14 j 22:32	22° \mathfrak{Q} 48'05	
morning rise	-6172 Sep 18 j 07:13	25° \mathfrak{D} 59'49		retrograde	-6165 Jan 15 j 07:59	26° \mathfrak{Q} 03'04	

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Attention, astronomical year style is used: The year -6165 in astronomical counting style is the year 6166 BCE in historical counting style.

min. Earth dist.	-6165 Apr 01 j 08:51	24° Ω 04'44	18.16486 AU	conjunction	-6159 Oct 28 j 04:10	21° Υ 36'43	0°34'06
opposition	-6165 Apr 02 j 01:14	24° Ω 03'04	0°55'25	minimum elong	-6159 Oct 28 j 04:10	21° Υ 36'43	0°34'11
direct	-6165 Jun 18 j 01:38	22° Ω 02'37		max. Earth dist.	-6159 Oct 29 j 07:48	21° Υ 40'48	20.61589 AU
evening set	-6165 Sep 18 j 08:19	25° Ω 16'35		morning rise	-6159 Nov 12 j 19:15	22° Υ 31'51	
				retrograde	-6158 Feb 14 j 02:22	25° Υ 42'24	
conjunction	-6165 Oct 03 j 21:23	26° Ω 12'54	0°49'02	opposition	-6158 May 02 j 23:13	23° Υ 42'43	0°36'01
minimum elong	-6165 Oct 03 j 21:24	26° Ω 12'54	0°49'17	min. Earth dist.	-6158 May 01 j 20:18	23° Υ 45'26	18.64884 AU
max. Earth dist.	-6165 Oct 04 j 14:36	26° Ω 15'31	20.20110 AU	direct	-6158 Jul 18 j 08:43	21° Υ 44'40	
morning rise	-6165 Oct 19 j 10:27	27° Ω 09'13		evening set	-6158 Oct 16 j 21:27	24° Υ 49'27	
	-6165 Dec 20 j 17:02	0° Υ					
retrograde	-6164 Jan 19 j 22:02	0° Υ 23'32		conjunction	-6158 Nov 01 j 11:02	25° Υ 44'09	0°30'57
	-6164 Feb 20 j 00:28	30° Υ 02		minimum elong	-6158 Nov 01 j 11:03	25° Υ 44'09	0°31'02
opposition	-6164 Apr 05 j 20:58	28° Ω 23'37	0°53'23	max. Earth dist.	-6158 Nov 02 j 15:01	25° Υ 48'16	20.68085 AU
min. Earth dist.	-6164 Apr 05 j 03:49	28° Ω 25'21	18.23730 AU	morning rise	-6158 Nov 17 j 02:52	26° Υ 39'09	
direct	-6164 Jun 21 j 18:34	26° Ω 23'33		retrograde	-6157 Feb 18 j 14:02	29° Υ 49'11	
evening set	-6164 Sep 21 j 19:36	29° Ω 36'05		min. Earth dist.	-6157 May 06 j 08:03	27° Υ 52'27	18.71288 AU
	-6164 Sep 28 j 12:04	0° Υ		opposition	-6157 May 07 j 12:36	27° Υ 49'35	0°32'26
				direct	-6157 Jul 22 j 19:15	25° Υ 51'53	
conjunction	-6164 Oct 07 j 08:27	0° Υ 32'07	0°47'06	evening set	-6157 Oct 21 j 03:24	28° Υ 55'35	
minimum elong	-6164 Oct 07 j 08:27	0° Υ 32'07	0°47'20				
max. Earth dist.	-6164 Oct 08 j 02:35	0° Υ 34'52	20.27298 AU	conjunction	-6157 Nov 05 j 17:33	29° Υ 50'07	0°27'41
morning rise	-6164 Oct 22 j 21:46	1° Υ 28'13		minimum elong	-6157 Nov 05 j 17:33	29° Υ 50'07	0°27'43
retrograde	-6163 Jan 23 j 13:10	4° Υ 41'52		max. Earth dist.	-6157 Nov 06 j 23:42	29° Υ 54'33	20.74363 AU
opposition	-6163 Apr 10 j 15:27	2° Υ 41'58	0°51'04		-6157 Nov 08 j 12:46	0° Ω	
min. Earth dist.	-6163 Apr 09 j 19:44	2° Υ 43'58	18.30855 AU	morning rise	-6157 Nov 21 j 09:53	0° Ω 44'59	
direct	-6163 Jun 26 j 12:06	0° Υ 42'14		retrograde	-6156 Feb 22 j 23:49	3° Ω 54'31	
evening set	-6163 Sep 26 j 05:52	3° Υ 53'23		min. Earth dist.	-6156 May 09 j 20:12	1° Ω 57'57	18.77430 AU
				opposition	-6156 May 11 j 01:14	1° Ω 55'02	0°28'43
conjunction	-6163 Oct 11 j 18:44	4° Υ 49'10	0°44'55		-6156 Jul 16 j 17:48	30° Υ	
minimum elong	-6163 Oct 11 j 18:45	4° Υ 49'10	0°45'06	direct	-6156 Jul 26 j 06:04	29° Υ 57'42	
max. Earth dist.	-6163 Oct 12 j 15:30	4° Υ 52'17	20.34356 AU		-6156 Aug 04 j 17:39	0° Ω	
morning rise	-6163 Oct 27 j 08:10	5° Υ 45'02		evening set	-6156 Oct 24 j 09:09	3° Ω 00'24	
retrograde	-6162 Jan 28 j 01:37	8° Υ 58'01					
opposition	-6162 Apr 15 j 09:19	6° Υ 58'09	0°48'30	conjunction	-6156 Nov 08 j 23:35	3° Ω 54'46	0°24'16
min. Earth dist.	-6162 Apr 14 j 12:45	7° Υ 00'14	18.37859 AU	minimum elong	-6156 Nov 08 j 23:35	3° Ω 54'46	0°24'16
direct	-6162 Jul 01 j 02:58	4° Υ 58'45		max. Earth dist.	-6156 Nov 10 j 05:33	3° Ω 59'09	20.80359 AU
evening set	-6162 Sep 30 j 15:13	8° Υ 08'30		morning rise	-6156 Nov 24 j 16:44	4° Ω 49'31	
				retrograde	-6155 Feb 26 j 10:43	7° Ω 58'37	
conjunction	-6162 Oct 16 j 04:00	9° Υ 04'02	0°42'30	min. Earth dist.	-6155 May 14 j 07:07	6° Ω 02'14	18.83266 AU
minimum elong	-6162 Oct 16 j 04:00	9° Υ 04'02	0°42'41	opposition	-6155 May 15 j 13:06	5° Ω 59'14	0°24'52
max. Earth dist.	-6162 Oct 17 j 01:43	9° Υ 07'17	20.41314 AU	direct	-6155 Jul 30 j 14:49	4° Ω 02'13	
morning rise	-6162 Oct 31 j 17:52	9° Υ 59'42		evening set	-6155 Oct 28 j 14:23	7° Ω 03'58	
retrograde	-6161 Feb 01 j 15:33	13° Υ 12'02					
min. Earth dist.	-6161 Apr 19 j 03:07	11° Υ 14'31	18.44774 AU	conjunction	-6155 Nov 13 j 05:27	7° Ω 58'13	0°20'45
opposition	-6161 Apr 20 j 02:10	11° Υ 12'11	0°45'41	minimum elong	-6155 Nov 13 j 05:27	7° Ω 58'13	0°20'45
direct	-6161 Jul 05 j 18:31	9° Υ 13'06		max. Earth dist.	-6155 Nov 14 j 13:09	8° Ω 02'50	20.86004 AU
evening set	-6161 Oct 04 j 23:49	12° Υ 21'32		morning rise	-6155 Nov 28 j 23:12	8° Ω 52'52	
				retrograde	-6154 Mar 02 j 19:38	12° Ω 01'32	
conjunction	-6161 Oct 20 j 12:47	13° Υ 16'49	0°39'53	min. Earth dist.	-6154 May 18 j 18:13	10° Ω 05'17	18.88713 AU
minimum elong	-6161 Oct 20 j 12:48	13° Υ 16'49	0°40'01	opposition	-6154 May 20 j 00:25	10° Ω 02'15	0°20'55
max. Earth dist.	-6161 Oct 21 j 13:13	13° Υ 20'28	20.48172 AU	direct	-6154 Aug 04 j 00:24	8° Ω 05'33	
morning rise	-6161 Nov 05 j 02:55	14° Υ 12'18		evening set	-6154 Nov 01 j 19:22	11° Ω 06'25	
retrograde	-6160 Feb 06 j 03:03	17° Υ 24'00					
opposition	-6160 Apr 23 j 17:59	15° Υ 24'11	0°42'39	conjunction	-6154 Nov 17 j 10:53	12° Ω 00'33	0°17'09
min. Earth dist.	-6160 Apr 22 j 18:04	15° Υ 26'36	18.51591 AU	minimum elong	-6154 Nov 17 j 10:53	12° Ω 00'33	0°17'06
direct	-6160 Jul 09 j 07:39	13° Υ 25'26		max. Earth dist.	-6154 Nov 18 j 17:56	12° Ω 05'04	20.91241 AU
evening set	-6160 Oct 08 j 07:44	16° Υ 32'35		morning rise	-6154 Dec 03 j 05:34	12° Ω 55'07	
				retrograde	-6153 Mar 07 j 06:09	16° Ω 03'25	
conjunction	-6160 Oct 23 j 20:47	17° Υ 27'40	0°37'05	min. Earth dist.	-6153 May 23 j 04:35	14° Ω 07'15	18.93724 AU
minimum elong	-6160 Oct 23 j 20:47	17° Υ 27'40	0°37'12	opposition	-6153 May 24 j 11:06	14° Ω 04'12	0°16'52
max. Earth dist.	-6160 Oct 24 j 21:52	17° Υ 31'23	20.54942 AU	direct	-6153 Aug 08 j 08:04	12° Ω 07'45	
morning rise	-6160 Nov 08 j 11:30	18° Υ 22'58		evening set	-6153 Nov 06 j 00:06	15° Ω 07'48	
retrograde	-6159 Feb 09 j 15:38	21° Υ 34'04					
min. Earth dist.	-6159 Apr 27 j 06:53	19° Υ 36'56	18.58311 AU	conjunction	-6153 Nov 21 j 16:23	16° Ω 01'51	0°13'29
opposition	-6159 Apr 28 j 08:58	19° Υ 34'18	0°39'25	minimum elong	-6153 Nov 21 j 16:23	16° Ω 01'51	0°13'25
direct	-6159 Jul 13 j 20:40	17° Υ 35'54		behind sun begin	-6153 Nov 21 j 12:35	16° Ω 01'19	
evening set	-6159 Oct 12 j 14:47	20° Υ 41'50		behind sun end	-6153 Nov 21 j 20:11	16° Ω 02'23	

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Attention, astronomical year style is used: The year -6153 in astronomical counting style is the year 6154 BCE in historical counting style.

max. Earth dist.	-6153 Nov 23 j 00:37	16° <u>♂</u> 06'31	20.95994 AU	min. Earth dist.	-6147 Jun 16 j 08:43	7° <u>♂</u> 58'26	19.13097 AU
morning rise	-6153 Dec 07 j 11:45	16° <u>♂</u> 56'21		opposition	-6147 Jun 17 j 13:39	7° <u>♂</u> 55'32	-0°07'58
retrograde	-6152 Mar 10 j 14:05	20° <u>♂</u> 04'16		direct	-6147 Aug 31 j 23:01	5° <u>♂</u> 59'46	
opposition	-6152 May 27 j 20:56	18° <u>♂</u> 05'06	0°12'46	evening set	-6147 Nov 28 j 23:31	8° <u>♂</u> 56'18	
min. Earth dist.	-6152 May 26 j 14:35	18° <u>♂</u> 08'08	18.98219 AU				
direct	-6152 Aug 11 j 16:21	16° <u>♂</u> 08'52		conjunction	-6147 Dec 14 j 20:31	9° <u>♂</u> 50'09	-0°09'03
evening set	-6152 Nov 09 j 04:38	19° <u>♂</u> 08'10		minimum elong	-6147 Dec 14 j 20:32	9° <u>♂</u> 50'09	0°09'17
				behind sun begin	-6147 Dec 14 j 14:58	9° <u>♂</u> 49'22	
conjunction	-6152 Nov 24 j 21:28	20° <u>♂</u> 02'08	0°09'46	behind sun end	-6147 Dec 15 j 02:06	9° <u>♂</u> 50'55	
minimum elong	-6152 Nov 24 j 21:28	20° <u>♂</u> 02'08	0°09'40	max. Earth dist.	-6147 Dec 16 j 04:03	9° <u>♂</u> 54'38	21.13925 AU
behind sun begin	-6152 Nov 24 j 16:02	20° <u>♂</u> 01'22		morning rise	-6147 Dec 30 j 21:30	10° <u>♂</u> 44'34	
behind sun end	-6152 Nov 25 j 02:54	20° <u>♂</u> 02'54		retrograde	-6146 Apr 04 j 12:07	13° <u>♂</u> 50'51	
max. Earth dist.	-6152 Nov 26 j 04:35	20° <u>♂</u> 06'37	21.00230 AU	opposition	-6146 Jun 21 j 20:11	11° <u>♂</u> 51'30	-0°12'02
morning rise	-6152 Dec 10 j 17:51	20° <u>♂</u> 56'35		min. Earth dist.	-6146 Jun 20 j 15:27	11° <u>♂</u> 54'23	19.14748 AU
retrograde	-6151 Mar 14 j 23:45	24° <u>♂</u> 04'09		direct	-6146 Sep 05 j 04:06	9° <u>♂</u> 55'47	
min. Earth dist.	-6151 May 31 j 00:06	22° <u>♂</u> 08'01	19.02191 AU	evening set	-6146 Dec 03 j 03:10	12° <u>♂</u> 52'01	
opposition	-6151 Jun 01 j 06:20	22° <u>♂</u> 05'00	0°08'37				
direct	-6151 Aug 15 j 23:07	20° <u>♂</u> 08'55		conjunction	-6146 Dec 19 j 00:59	13° <u>♂</u> 45'53	-0°12'41
evening set	-6151 Nov 13 j 08:37	23° <u>♂</u> 07'31		minimum elong	-6146 Dec 19 j 00:59	13° <u>♂</u> 45'53	0°12'55
				behind sun begin	-6146 Dec 18 j 20:55	13° <u>♂</u> 45'19	
conjunction	-6151 Nov 29 j 02:20	24° <u>♂</u> 01'26	0°06'02	behind sun end	-6146 Dec 19 j 05:03	13° <u>♂</u> 46'27	
minimum elong	-6151 Nov 29 j 02:20	24° <u>♂</u> 01'26	0°05'55	max. Earth dist.	-6146 Dec 20 j 06:59	13° <u>♂</u> 50'09	21.15385 AU
behind sun begin	-6151 Nov 28 j 20:03	24° <u>♂</u> 00'33		morning rise	-6145 Jan 04 j 03:08	14° <u>♂</u> 40'20	
behind sun end	-6151 Nov 29 j 08:36	24° <u>♂</u> 02'19			-6145 Jan 10 j 02:38	15° <u>♂</u>	
max. Earth dist.	-6151 Nov 30 j 10:29	24° <u>♂</u> 06'04	21.03928 AU	retrograde	-6145 Apr 08 j 18:39	17° <u>♂</u> 46'32	
morning rise	-6151 Dec 14 j 23:28	24° <u>♂</u> 55'51		min. Earth dist.	-6145 Jun 24 j 22:31	15° <u>♂</u> 49'57	19.16012 AU
retrograde	-6150 Mar 19 j 06:46	28° <u>♂</u> 03'05		opposition	-6145 Jun 26 j 02:26	15° <u>♂</u> 47'09	-0°16'02
min. Earth dist.	-6150 Jun 04 j 09:02	26° <u>♂</u> 06'55	19.05620 AU		-6145 Jul 16 j 06:38	15° <u>♂</u>	
opposition	-6150 Jun 05 j 15:06	26° <u>♂</u> 03'55	0°04'27	direct	-6145 Sep 09 j 07:46	13° <u>♂</u> 51'27	
direct	-6150 Aug 20 j 06:18	24° <u>♂</u> 07'58			-6145 Nov 01 j 00:13	15° <u>♂</u>	
evening set	-6150 Nov 17 j 12:38	27° <u>♂</u> 05'56		evening set	-6145 Dec 07 j 06:55	16° <u>♂</u> 47'29	
conjunction	-6150 Dec 03 j 06:59	27° <u>♂</u> 59'47	0°02'16	conjunction	-6145 Dec 23 j 05:49	17° <u>♂</u> 41'24	-0°16'16
minimum elong	-6150 Dec 03 j 06:59	27° <u>♂</u> 59'47	0°02'07	minimum elong	-6145 Dec 23 j 05:48	17° <u>♂</u> 41'24	0°16'32
behind sun begin	-6150 Dec 03 j 00:25	27° <u>♂</u> 58'52		max. Earth dist.	-6145 Dec 24 j 12:18	17° <u>♂</u> 45'44	21.16438 AU
behind sun end	-6150 Dec 03 j 13:33	28° <u>♂</u> 00'42		morning rise	-6144 Jan 08 j 08:48	18° <u>♂</u> 35'55	
max. Earth dist.	-6150 Dec 04 j 13:58	28° <u>♂</u> 04'14	21.07113 AU	retrograde	-6144 Apr 12 j 01:44	21° <u>♂</u> 42'01	
morning rise	-6150 Dec 19 j 05:14	28° <u>♂</u> 54'11		min. Earth dist.	-6144 Jun 28 j 04:40	19° <u>♂</u> 45'24	19.16851 AU
	-6149 Jan 08 j 20:00	0° <u>♂</u>		opposition	-6144 Jun 29 j 08:07	19° <u>♂</u> 42'39	-0°19'58
retrograde	-6149 Mar 23 j 15:10	2° <u>♂</u> 01'08		direct	-6144 Sep 12 j 12:16	17° <u>♂</u> 46'59	
opposition	-6149 Jun 09 j 23:10	0° <u>♂</u> 01'54	0°00'17	evening set	-6144 Dec 10 j 10:56	20° <u>♂</u> 42'53	
min. Earth dist.	-6149 Jun 08 j 17:32	0° <u>♂</u> 04'52	19.08566 AU				
	-6149 Jun 10 j 18:13	30° <u>♂</u>		conjunction	-6144 Dec 26 j 10:38	21° <u>♂</u> 36'53	-0°19'47
desc. node	-6149 Jul 05 j 05:50	29° <u>♂</u> 04'00		minimum elong	-6144 Dec 26 j 10:38	21° <u>♂</u> 36'53	0°20'04
direct	-6149 Aug 24 j 12:13	28° <u>♂</u> 06'02		max. Earth dist.	-6144 Dec 27 j 15:17	21° <u>♂</u> 40'56	21.17074 AU
	-6149 Nov 01 j 18:26	0° <u>♂</u>		morning rise	-6143 Jan 11 j 14:48	22° <u>♂</u> 31'28	
evening set	-6149 Nov 21 j 16:19	1° <u>♂</u> 03'26		retrograde	-6143 Apr 16 j 08:42	25° <u>♂</u> 37'33	
				min. Earth dist.	-6143 Jul 02 j 11:32	23° <u>♂</u> 40'49	19.17271 AU
conjunction	-6149 Dec 07 j 11:39	1° <u>♂</u> 57'16	-0°01'37	opposition	-6143 Jul 03 j 13:50	23° <u>♂</u> 38'11	-0°23'48
minimum elong	-6149 Dec 07 j 11:39	1° <u>♂</u> 57'16	0°01'48	direct	-6143 Sep 16 j 15:16	21° <u>♂</u> 42'31	
behind sun begin	-6149 Dec 07 j 05:03	1° <u>♂</u> 56'21		evening set	-6143 Dec 14 j 14:58	24° <u>♂</u> 38'24	
behind sun end	-6149 Dec 07 j 18:14	1° <u>♂</u> 58'11					
max. Earth dist.	-6149 Dec 08 j 19:34	2° <u>♂</u> 01'50	21.09815 AU	conjunction	-6143 Dec 30 j 15:48	25° <u>♂</u> 32'28	-0°23'13
morning rise	-6149 Dec 23 j 10:42	2° <u>♂</u> 51'39		minimum elong	-6143 Dec 30 j 15:47	25° <u>♂</u> 32'28	0°23'31
retrograde	-6148 Mar 26 j 21:57	5° <u>♂</u> 58'20		max. Earth dist.	-6143 Dec 31 j 20:41	25° <u>♂</u> 36'34	21.17262 AU
min. Earth dist.	-6148 Jun 12 j 01:12	4° <u>♂</u> 02'00	19.11038 AU	morning rise	-6142 Jan 15 j 20:49	26° <u>♂</u> 27'09	
opposition	-6148 Jun 13 j 06:39	3° <u>♂</u> 59'04	-0°03'51	retrograde	-6142 Apr 20 j 15:50	29° <u>♂</u> 33'16	
direct	-6148 Aug 27 j 18:12	2° <u>♂</u> 03'15		opposition	-6142 Jul 07 j 19:16	27° <u>♂</u> 33'55	-0°27'33
evening set	-6148 Nov 24 j 19:59	5° <u>♂</u> 00'10		min. Earth dist.	-6142 Jul 06 j 17:43	27° <u>♂</u> 36'29	19.17213 AU
				direct	-6142 Sep 20 j 19:26	25° <u>♂</u> 38'15	
conjunction	-6148 Dec 10 j 15:59	5° <u>♂</u> 54'00	-0°05'22	evening set	-6142 Dec 18 j 19:40	28° <u>♂</u> 34'11	
minimum elong	-6148 Dec 10 j 15:59	5° <u>♂</u> 54'00	0°05'34				
behind sun begin	-6148 Dec 10 j 09:38	5° <u>♂</u> 53'07		conjunction	-6141 Jan 03 j 21:21	29° <u>♂</u> 28'21	-0°26'32
behind sun end	-6148 Dec 10 j 22:20	5° <u>♂</u> 54'53		minimum elong	-6141 Jan 03 j 21:21	29° <u>♂</u> 28'21	0°26'52
max. Earth dist.	-6148 Dec 11 j 22:39	5° <u>♂</u> 58'22	21.12074 AU	max. Earth dist.	-6141 Jan 04 j 23:57	29° <u>♂</u> 32'07	21.16964 AU
morning rise	-6148 Dec 26 j 16:08	6° <u>♂</u> 48'24			-6141 Jan 13 j 05:30	0° <u>♂</u>	
retrograde	-6147 Mar 31 j 04:58	9° <u>♂</u> 54'52		morning rise	-6141 Jan 20 j 03:34	0° <u>♂</u> 23'08	

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Attention, astronomical year style is used: The year -6141 in astronomical counting style is the year 6142 BCE in historical counting style.

retrograde	-6141 Apr 24 j 23:34	3°♂29'19	conjunction	-6134 Feb 01 j 01:42	27°♂13'25	-0°45'37
min. Earth dist.	-6141 Jul 11 j 00:43	1°♂32'21 19.16656 AU	minimum elong	-6134 Feb 01 j 01:42	27°♂13'25	0°46'01
opposition	-6141 Jul 12 j 00:32	1°♂29'57 -0°31'09	max. Earth dist.	-6134 Feb 01 j 16:41	27°♂15'33	20.99104 AU
	-6141 Aug 23 j 13:52	30°♂♂	morning rise	-6134 Feb 17 j 14:25	28°♂09'18	
direct	-6141 Sep 24 j 22:20	29°♂♂34'15		-6134 Mar 26 j 18:44	0°♂	
	-6141 Oct 26 j 15:35	0°♂	retrograde	-6134 May 23 j 08:49	1°♂♂16'47	
evening set	-6141 Dec 23 j 00:43	2°♂♂30'19		-6134 Jul 21 j 13:50	30°♂♂♂	
			opposition	-6134 Aug 08 j 13:05	29°♂♂16'45	-0°51'36
conjunction	-6140 Jan 08 j 03:34	3°♂♂24'37 -0°29'45	min. Earth dist.	-6134 Aug 08 j 00:58	29°♂♂18'00	18.96912 AU
minimum elong	-6140 Jan 08 j 03:33	3°♂♂24'37 0°30'04	direct	-6134 Oct 22 j 04:26	27°♂♂19'32	
max. Earth dist.	-6140 Jan 09 j 05:48	3°♂♂28'19 21.16127 AU		-6133 Jan 14 j 10:04	0°♂	
morning rise	-6140 Jan 24 j 10:35	4°♂♂19'31	evening set	-6133 Jan 20 j 01:20	0°♂♂18'32	
retrograde	-6140 Apr 28 j 06:59	7°♂♂25'48				
min. Earth dist.	-6140 Jul 14 j 07:03	5°♂♂28'43 19.15529 AU	conjunction	-6133 Feb 05 j 11:14	1°♂♂14'06	-0°47'35
opposition	-6140 Jul 15 j 05:44	5°♂♂26'26 -0°34'38	minimum elong	-6133 Feb 05 j 11:14	1°♂♂14'06	0°47'57
direct	-6140 Sep 28 j 02:35	3°♂♂30'38	max. Earth dist.	-6133 Feb 05 j 23:04	1°♂♂15'46	20.94598 AU
evening set	-6140 Dec 26 j 06:12	6°♂♂26'55	morning rise	-6133 Feb 22 j 00:59	2°♂♂10'10	
			retrograde	-6133 May 27 j 18:00	5°♂♂18'01	
conjunction	-6139 Jan 11 j 09:53	7°♂♂21'20 -0°32'49	opposition	-6133 Aug 12 j 18:35	3°♂♂17'50	-0°53'39
minimum elong	-6139 Jan 11 j 09:53	7°♂♂21'20 0°33'11	min. Earth dist.	-6133 Aug 12 j 08:50	3°♂♂18'50	18.92235 AU
max. Earth dist.	-6139 Jan 12 j 09:21	7°♂♂24'39 21.14711 AU	direct	-6133 Oct 26 j 09:02	1°♂♂20'18	
morning rise	-6139 Jan 27 j 18:02	8°♂♂16'22	evening set	-6132 Jan 24 j 10:32	4°♂♂20'03	
retrograde	-6139 May 02 j 15:00	11°♂♂22'48				
opposition	-6139 Jul 19 j 11:02	9°♂♂23'22 -0°37'57	conjunction	-6132 Feb 09 j 21:35	5°♂♂15'51	-0°49'19
min. Earth dist.	-6139 Jul 18 j 14:26	9°♂♂25'27 19.13817 AU	minimum elong	-6132 Feb 09 j 21:35	5°♂♂15'51	0°49'42
direct	-6139 Oct 02 j 05:40	7°♂♂27'26	max. Earth dist.	-6132 Feb 10 j 08:34	5°♂♂17'25	20.89752 AU
evening set	-6139 Dec 30 j 12:06	10°♂♂24'00	morning rise	-6132 Feb 26 j 11:57	6°♂♂12'09	
			retrograde	-6132 May 31 j 04:06	9°♂♂20'22	
conjunction	-6138 Jan 15 j 16:59	11°♂♂18'34 -0°35'45	opposition	-6132 Aug 16 j 00:20	7°♂♂20'05	-0°55'27
minimum elong	-6138 Jan 15 j 16:59	11°♂♂18'34 0°36'05	min. Earth dist.	-6132 Aug 15 j 15:40	7°♂♂20'58	18.87227 AU
max. Earth dist.	-6138 Jan 16 j 15:44	11°♂♂21'47 21.12695 AU	direct	-6132 Oct 29 j 14:29	5°♂♂22'15	
morning rise	-6138 Feb 01 j 01:57	12°♂♂13'44	evening set	-6131 Jan 27 j 20:25	8°♂♂22'48	
retrograde	-6138 May 06 j 22:56	15°♂♂20'19				
opposition	-6138 Jul 23 j 16:10	13°♂♂20'49 -0°41'05	conjunction	-6131 Feb 13 j 08:16	9°♂♂18'51	-0°50'49
min. Earth dist.	-6138 Jul 22 j 20:54	13°♂♂22'46 19.11491 AU	minimum elong	-6131 Feb 13 j 08:16	9°♂♂18'51	0°51'11
direct	-6138 Oct 06 j 10:29	11°♂♂24'43	max. Earth dist.	-6131 Feb 13 j 16:05	9°♂♂19'58	20.84603 AU
evening set	-6137 Jan 03 j 18:35	14°♂♂21'36	morning rise	-6131 Mar 01 j 23:35	10°♂♂15'23	
			retrograde	-6131 Jun 04 j 14:31	13°♂♂24'03	
conjunction	-6137 Jan 20 j 00:24	15°♂♂16'20 -0°38'30	opposition	-6131 Aug 20 j 06:34	11°♂♂23'39	-0°56'59
minimum elong	-6137 Jan 20 j 00:23	15°♂♂16'20 0°38'52	min. Earth dist.	-6131 Aug 20 j 00:18	11°♂♂24'19	18.81939 AU
max. Earth dist.	-6137 Jan 20 j 20:02	15°♂♂19'07 21.10083 AU	direct	-6131 Nov 02 j 19:49	9°♂♂25'31	
morning rise	-6137 Feb 05 j 10:32	16°♂♂11'40	evening set	-6130 Feb 01 j 07:07	12°♂♂26'59	
retrograde	-6137 May 11 j 07:05	19°♂♂18'25				
opposition	-6137 Jul 27 j 21:26	17°♂♂18'48 -0°44'02	conjunction	-6130 Feb 17 j 20:05	13°♂♂23'18	-0°52'04
min. Earth dist.	-6137 Jul 27 j 04:30	17°♂♂20'31 19.08589 AU	minimum elong	-6130 Feb 17 j 20:05	13°♂♂23'18	0°52'28
direct	-6137 Oct 10 j 13:55	15°♂♂22'27	max. Earth dist.	-6130 Feb 18 j 02:57	13°♂♂24'17	20.79176 AU
evening set	-6136 Jan 08 j 01:26	18°♂♂19'45	morning rise	-6130 Mar 06 j 11:59	14°♂♂20'05	
			retrograde	-6130 Jun 09 j 02:06	17°♂♂29'13	
conjunction	-6136 Jan 24 j 08:26	19°♂♂14'41 -0°41'04	opposition	-6130 Aug 24 j 12:58	15°♂♂28'45	-0°58'15
minimum elong	-6136 Jan 24 j 08:25	19°♂♂14'41 0°41'27	min. Earth dist.	-6130 Aug 24 j 07:52	15°♂♂29'17	18.76369 AU
max. Earth dist.	-6136 Jan 25 j 03:14	19°♂♂17'20 21.06902 AU	direct	-6130 Nov 07 j 02:22	13°♂♂30'18	
morning rise	-6136 Feb 09 j 19:19	20°♂♂10'10	evening set	-6129 Feb 05 j 18:54	16°♂♂32'45	
retrograde	-6136 May 14 j 15:21	23°♂♂17'08				
min. Earth dist.	-6136 Jul 30 j 10:52	21°♂♂18'58 19.05140 AU	conjunction	-6129 Feb 22 j 08:38	17°♂♂29'21	-0°53'04
opposition	-6136 Jul 31 j 02:29	21°♂♂17'23 -0°46'47	minimum elong	-6129 Feb 22 j 08:38	17°♂♂29'21	0°53'27
direct	-6136 Oct 13 j 19:12	19°♂♂20'46	max. Earth dist.	-6129 Feb 22 j 12:06	17°♂♂29'51	20.73476 AU
evening set	-6135 Jan 11 j 08:53	22°♂♂18'33	morning rise	-6129 Mar 11 j 01:22	18°♂♂26'23	
			retrograde	-6129 Jun 13 j 13:34	21°♂♂36'02	
conjunction	-6135 Jan 27 j 16:44	23°♂♂13'40 -0°43'27	opposition	-6129 Aug 28 j 20:02	19°♂♂35'30	-0°59'13
minimum elong	-6135 Jan 27 j 16:44	23°♂♂13'40 0°43'50	min. Earth dist.	-6129 Aug 28 j 17:40	19°♂♂35'45	18.70532 AU
max. Earth dist.	-6135 Jan 28 j 08:28	23°♂♂15'54 21.03222 AU	direct	-6129 Nov 11 j 08:14	17°♂♂36'44	
morning rise	-6135 Feb 13 j 04:43	24°♂♂09'21	evening set	-6128 Feb 10 j 07:24	20°♂♂40'15	
retrograde	-6135 May 18 j 23:45	27°♂♂16'33				
opposition	-6135 Aug 04 j 07:47	25°♂♂16'39 -0°49'18	conjunction	-6128 Feb 26 j 22:09	21°♂♂37'09	-0°53'48
min. Earth dist.	-6135 Aug 03 j 18:29	25°♂♂18'01 19.01237 AU	minimum elong	-6128 Feb 26 j 22:09	21°♂♂37'09	0°54'11
direct	-6135 Oct 17 j 23:06	23°♂♂19'44	max. Earth dist.	-6128 Feb 27 j 00:24	21°♂♂37'29	20.67495 AU
evening set	-6134 Jan 15 j 16:38	26°♂♂18'05	morning rise	-6128 Mar 14 j 15:19	22°♂♂34'26	

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Attention, astronomical year style is used: The year -6128 in astronomical counting style is the year 6129 BCE in historical counting style.

retrograde	-6128 Jun 17 j 03:01	25° Z 44'38	direct	-6122 Dec 10 j 08:26	17° Z 12'07
opposition	-6128 Sep 01 j 03:26	23° Z 44'02 -0°59'54	evening set	-6121 Mar 13 j 02:39	20° Z 24'15
min. Earth dist.	-6128 Sep 01 j 02:24	23° Z 44'08 18.64399 AU			
direct	-6128 Nov 14 j 16:43	21° Z 44'57	conjunction	-6121 Mar 29 j 21:57	21° Z 23'19 -0°50'45
evening set	-6127 Feb 13 j 21:04	24° Z 49'35	minimum elong	-6121 Mar 29 j 21:57	21° Z 23'19 0°51'01
			max. Earth dist.	-6121 Mar 29 j 05:10	21° Z 20'51 20.17819 AU
conjunction	-6127 Mar 02 j 12:27	25° Z 46'47 -0°54'15	morning rise	-6121 Apr 15 j 17:43	22° Z 22'29
minimum elong	-6127 Mar 02 j 12:27	25° Z 46'47 0°54'38	retrograde	-6121 Jul 18 j 06:33	25° Z 36'44
max. Earth dist.	-6127 Mar 02 j 11:06	25° Z 46'35 20.61217 AU	opposition	-6121 Oct 01 j 01:06	23° Z 35'07 -0°55'30
morning rise	-6127 Mar 19 j 06:20	26° Z 44'20	min. Earth dist.	-6121 Oct 01 j 16:00	23° Z 33'31 18.13988 AU
retrograde	-6127 Jun 21 j 14:56	29° Z 55'06	direct	-6121 Dec 14 j 21:04	21° Z 32'54
opposition	-6127 Sep 05 j 11:33	27° Z 54'25 -1°00'16	evening set	-6120 Mar 16 j 22:36	24° Z 46'23
min. Earth dist.	-6127 Sep 05 j 13:32	27° Z 54'12 18.57974 AU			
direct	-6127 Nov 18 j 23:29	25° Z 54'59	conjunction	-6120 Apr 02 j 18:21	25° Z 45'46 -0°49'06
evening set	-6126 Feb 18 j 11:30	29° Z 00'47	minimum elong	-6120 Apr 02 j 18:22	25° Z 45'46 0°49'22
			max. Earth dist.	-6120 Apr 02 j 00:03	25° Z 43'03 20.10156 AU
conjunction	-6126 Mar 07 j 03:52	29° Z 58'17 -0°54'25	morning rise	-6120 Apr 19 j 14:08	26° Z 45'11
minimum elong	-6126 Mar 07 j 03:53	29° Z 58'17 0°54'46		-6120 Jul 20 j 13:57	0° Z
max. Earth dist.	-6126 Mar 07 j 00:56	29° Z 57'52 20.54632 AU	retrograde	-6120 Jul 22 j 00:20	0° Z 00'03
	-6126 Mar 07 j 15:42	0° Z		-6120 Jul 23 j 10:45	30° Z
morning rise	-6126 Mar 23 j 22:08	0° Z 56'06	opposition	-6120 Oct 04 j 13:40	27° Z 58'16 -0°53'32
retrograde	-6126 Jun 26 j 06:04	4° Z 07'27	min. Earth dist.	-6120 Oct 05 j 05:15	27° Z 56'35 18.06358 AU
opposition	-6126 Sep 09 j 20:12	2° Z 06'40 -1°00'18	direct	-6120 Dec 18 j 12:39	25° Z 55'34
min. Earth dist.	-6126 Sep 09 j 23:40	2° Z 06'18 18.51219 AU	evening set	-6119 Mar 21 j 19:38	29° Z 10'26
direct	-6126 Nov 23 j 10:06	0° Z 06'51		-6119 Apr 04 j 19:43	0° Z
evening set	-6125 Feb 23 j 03:14	3° Z 13'51			
			conjunction	-6119 Apr 07 j 15:38	0° Z 10'07 -0°47'10
conjunction	-6125 Mar 11 j 20:10	4° Z 11'40 -0°54'18	minimum elong	-6119 Apr 07 j 15:38	0° Z 10'07 0°47'23
minimum elong	-6125 Mar 11 j 20:10	4° Z 11'40 0°54'38	max. Earth dist.	-6119 Apr 06 j 18:56	0° Z 07'02 20.02571 AU
max. Earth dist.	-6125 Mar 11 j 13:22	4° Z 10'41 20.47718 AU	morning rise	-6119 Apr 24 j 11:21	1° Z 09'48
morning rise	-6125 Mar 28 j 14:58	5° Z 09'46	retrograde	-6119 Jul 26 j 16:31	4° Z 25'17
retrograde	-6125 Jun 30 j 18:27	8° Z 21'41	opposition	-6119 Oct 09 j 03:07	2° Z 23'20 -0°51'14
opposition	-6125 Sep 14 j 05:31	6° Z 20'46 -1°00'01	min. Earth dist.	-6119 Oct 09 j 21:15	2° Z 21'22 17.98853 AU
min. Earth dist.	-6125 Sep 14 j 12:10	6° Z 20'04 18.44159 AU	direct	-6119 Dec 23 j 03:01	0° Z 20'11
direct	-6125 Nov 27 j 18:56	4° Z 20'30	evening set	-6118 Mar 26 j 17:31	3° Z 36'27
evening set	-6124 Feb 27 j 19:39	7° Z 28'45			
			conjunction	-6118 Apr 12 j 13:47	4° Z 36'26 -0°44'57
conjunction	-6124 Mar 15 j 13:25	8° Z 26'53 -0°53'52	minimum elong	-6118 Apr 12 j 13:47	4° Z 36'26 0°45'09
minimum elong	-6124 Mar 15 j 13:25	8° Z 26'53 0°54'11	max. Earth dist.	-6118 Apr 11 j 15:28	4° Z 33'06 19.95153 AU
max. Earth dist.	-6124 Mar 15 j 04:52	8° Z 25'38 20.40520 AU	morning rise	-6118 Apr 29 j 09:25	5° Z 36'22
morning rise	-6124 Apr 01 j 08:28	9° Z 25'14	retrograde	-6118 Jul 31 j 11:48	8° Z 52'29
retrograde	-6124 Jul 04 j 10:12	12° Z 37'44	opposition	-6118 Oct 13 j 17:20	6° Z 50'25 -0°48'37
opposition	-6124 Sep 17 j 15:24	10° Z 36'40 -0°59'23	min. Earth dist.	-6118 Oct 14 j 11:55	6° Z 48'24 17.91529 AU
min. Earth dist.	-6124 Sep 17 j 23:20	10° Z 35'49 18.36829 AU	direct	-6118 Dec 27 j 20:11	4° Z 46'51
direct	-6124 Dec 01 j 07:24	8° Z 35'57	evening set	-6117 Mar 31 j 16:24	8° Z 04'33
evening set	-6123 Mar 03 j 13:00	11° Z 45'27			
			conjunction	-6117 Apr 17 j 12:45	9° Z 04'49 -0°42'26
conjunction	-6123 Mar 20 j 07:15	12° Z 43'54 -0°53'08	minimum elong	-6117 Apr 17 j 12:46	9° Z 04'49 0°42'36
minimum elong	-6123 Mar 20 j 07:15	12° Z 43'54 0°53'26	max. Earth dist.	-6117 Apr 16 j 12:40	9° Z 01'12 19.87928 AU
max. Earth dist.	-6123 Mar 19 j 19:13	12° Z 42'08 20.33083 AU	morning rise	-6117 May 04 j 08:03	10° Z 04'59
morning rise	-6123 Apr 06 j 02:42	13° Z 42'32	retrograde	-6117 Aug 05 j 05:40	13° Z 21'44
	-6123 Apr 30 j 01:25	15° Z	opposition	-6117 Oct 18 j 08:32	11° Z 19'36 -0°45'42
retrograde	-6123 Jul 08 j 23:27	16° Z 55'37	min. Earth dist.	-6117 Oct 19 j 05:26	11° Z 17'20 17.84432 AU
	-6123 Sep 19 j 21:03	15° Z	direct	-6116 Jan 01 j 12:21	9° Z 15'39
opposition	-6123 Sep 22 j 02:03	14° Z 54'21 -0°58'25	evening set	-6116 Apr 04 j 16:08	12° Z 34'47
min. Earth dist.	-6123 Sep 22 j 13:03	14° Z 53'11 18.29307 AU	max. Earth dist.	-6116 Apr 20 j 10:40	13° Z 31'26 19.80968 AU
direct	-6123 Dec 05 j 18:16	12° Z 53'08			
	-6122 Feb 16 j 20:27	15° Z	conjunction	-6116 Apr 21 j 12:29	13° Z 35'20 -0°39'39
evening set	-6122 Mar 08 j 07:16	16° Z 03'57	minimum elong	-6116 Apr 21 j 12:29	13° Z 35'20 0°39'47
			morning rise	-6116 May 08 j 07:32	14° Z 35'43
conjunction	-6122 Mar 25 j 02:13	17° Z 02'42 -0°52'05	retrograde	-6116 Aug 09 j 02:41	17° Z 53'08
minimum elong	-6122 Mar 25 j 02:13	17° Z 02'42 0°52'23	opposition	-6116 Oct 22 j 00:29	15° Z 50'57 -0°42'27
max. Earth dist.	-6122 Mar 24 j 12:29	17° Z 00'41 20.25495 AU	min. Earth dist.	-6116 Oct 22 j 21:45	15° Z 48'39 17.77605 AU
morning rise	-6122 Apr 10 j 21:50	18° Z 01'36	direct	-6115 Jan 05 j 07:21	13° Z 46'40
retrograde	-6122 Jul 13 j 16:01	21° Z 15'16	evening set	-6115 Apr 09 j 16:39	17° Z 07'13
opposition	-6122 Sep 26 j 13:05	19° Z 13'49 -0°57'08	max. Earth dist.	-6115 Apr 25 j 10:03	18° Z 03'57 19.74266 AU
min. Earth dist.	-6122 Sep 27 j 01:10	19° Z 12'32 18.21664 AU			

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Attention, astronomical year style is used: The year -6115 in astronomical counting style is the year 6116 BCE in historical counting style.

conjunction	-6115 Apr 26 j 13:00	18° H 08'02	-0°36'35	morning rise	-6109 Jun 11 j 20:05	17° Y 07'45	
minimum elong	-6115 Apr 26 j 13:00	18° H 08'02	0°36'42	retrograde	-6109 Sep 11 j 14:57	20° Y 28'59	
morning rise	-6115 May 13 j 07:33	19° H 08'39		opposition	-6109 Nov 23 j 18:45	18° Y 26'35	-0°12'40
retrograde	-6115 Aug 13 j 22:16	22° H 26'42		min. Earth dist.	-6109 Nov 24 j 23:43	18° Y 23'24	17.37450 AU
opposition	-6115 Oct 26 j 17:33	20° H 24'31	-0°38'55	direct	-6108 Feb 07 j 16:40	16° Y 20'13	
min. Earth dist.	-6115 Oct 27 j 17:01	20° H 21'58	17.71037 AU	evening set	-6108 May 13 j 17:40	19° Y 49'18	
direct	-6114 Jan 10 j 01:13	18° H 19'54		max. Earth dist.	-6108 May 28 j 23:28	20° Y 45'56	19.35207 AU
evening set	-6114 Apr 14 j 18:18	21° H 41'53					
max. Earth dist.	-6114 Apr 30 j 09:21	22° H 38'31	19.67832 AU	conjunction	-6108 May 30 j 10:17	20° Y 51'23	-0°09'10
				minimum elong	-6108 May 30 j 10:17	20° Y 51'23	0°09'05
conjunction	-6114 May 01 j 14:22	22° H 42'57	-0°33'16	behind sun begin	-6108 May 30 j 04:33	20° Y 50'30	
minimum elong	-6114 May 01 j 14:22	22° H 42'57	0°33'20	behind sun end	-6108 May 30 j 16:00	20° Y 52'15	
morning rise	-6114 May 18 j 08:31	23° H 43'46		morning rise	-6108 Jun 15 j 23:19	21° Y 52'57	
retrograde	-6114 Aug 18 j 20:58	27° H 02'27		retrograde	-6108 Sep 15 j 14:12	25° Y 14'34	
opposition	-6114 Oct 31 j 11:20	25° H 00'15	-0°35'06	opposition	-6108 Nov 27 j 17:43	23° Y 12'05	-0°07'44
min. Earth dist.	-6114 Nov 01 j 11:22	24° H 57'37	17.64732 AU	min. Earth dist.	-6108 Nov 28 j 22:58	23° Y 08'53	17.33176 AU
direct	-6113 Jan 14 j 22:11	22° H 55'20		direct	-6107 Feb 11 j 18:33	21° Y 05'28	
evening set	-6113 Apr 19 j 20:44	26° H 18'41		evening set	-6107 May 18 j 22:47	24° Y 35'24	
max. Earth dist.	-6113 May 05 j 10:53	27° H 15'26	19.61641 AU	max. Earth dist.	-6107 Jun 03 j 05:02	25° Y 32'17	19.31191 AU
conjunction	-6113 May 06 j 16:35	27° H 19'59	-0°29'42	conjunction	-6107 Jun 04 j 14:39	25° Y 37'34	-0°04'44
minimum elong	-6113 May 06 j 16:36	27° H 19'59	0°29'46	minimum elong	-6107 Jun 04 j 14:39	25° Y 37'34	0°04'36
morning rise	-6113 May 23 j 09:56	28° H 21'00		behind sun begin	-6107 Jun 04 j 08:03	25° Y 36'33	
	-6113 Jun 22 j 06:41	0° Y		behind sun end	-6107 Jun 04 j 21:15	25° Y 38'34	
retrograde	-6113 Aug 23 j 18:19	1° Y 40'16		morning rise	-6107 Jun 21 j 02:30	26° Y 39'10	
	-6113 Oct 27 j 20:18	30° H			-6107 Sep 14 j 09:48	0° H	
opposition	-6113 Nov 05 j 06:23	29° H 38'04	-0°31'01	retrograde	-6107 Sep 20 j 14:09	0° H 01'06	
min. Earth dist.	-6113 Nov 06 j 08:20	29° H 35'13	17.58673 AU		-6107 Sep 26 j 19:39	30° H	
direct	-6112 Jan 19 j 18:08	27° H 32'51		opposition	-6107 Dec 02 j 17:30	27° Y 58'34	-0°02'44
	-6112 Apr 07 j 09:51	0° Y		min. Earth dist.	-6107 Dec 03 j 22:29	27° Y 55'23	17.29430 AU
evening set	-6112 Apr 23 j 23:47	0° Y 57'30		direct	-6106 Feb 16 j 22:17	25° Y 51'44	
max. Earth dist.	-6112 May 09 j 11:13	1° Y 54'07	19.55713 AU	evening set	-6106 May 24 j 04:18	29° Y 22'25	
					-6106 Jun 03 j 06:21	0° H	
conjunction	-6112 May 10 j 19:05	1° Y 59'01	-0°25'56	max. Earth dist.	-6106 Jun 08 j 08:49	0° H 19'15	19.27740 AU
minimum elong	-6112 May 10 j 19:05	1° Y 59'01	0°25'57				
morning rise	-6112 May 27 j 11:52	3° Y 00'11		conjunction	-6106 Jun 09 j 18:59	0° H 24'37	-0°00'09
retrograde	-6112 Aug 27 j 17:59	6° Y 20'02		minimum elong	-6106 Jun 09 j 19:00	0° H 24'37	0°00'02
opposition	-6112 Nov 09 j 02:11	4° Y 17'47	-0°26'43	behind sun begin	-6106 Jun 09 j 14:04	0° H 23'53	
min. Earth dist.	-6112 Nov 10 j 04:38	4° Y 14'53	17.52884 AU	behind sun end	-6106 Jun 09 j 23:56	0° H 25'21	
direct	-6111 Jan 23 j 16:46	2° Y 12'16		asc. node	-6106 Jun 23 j 08:12	1° H 15'32	
evening set	-6111 Apr 29 j 03:30	5° Y 38'09		morning rise	-6106 Jun 26 j 05:43	1° H 26'15	
				retrograde	-6106 Sep 25 j 13:34	4° H 48'27	
conjunction	-6111 May 15 j 22:27	6° Y 39'52	-0°21'57	opposition	-6106 Dec 07 j 17:57	2° H 45'52	0°02'18
minimum elong	-6111 May 15 j 22:27	6° Y 39'52	0°21'57	min. Earth dist.	-6106 Dec 08 j 23:00	2° H 42'41	17.26302 AU
max. Earth dist.	-6111 May 14 j 14:29	6° Y 34'56	19.50053 AU	direct	-6105 Feb 22 j 01:27	0° H 38'52	
morning rise	-6111 Jun 01 j 14:16	7° Y 41'10		evening set	-6105 May 29 j 09:43	4° H 10'13	
retrograde	-6111 Sep 01 j 16:14	11° Y 01'31					
opposition	-6111 Nov 13 j 22:51	8° Y 59'14	-0°22'12	conjunction	-6105 Jun 14 j 23:24	5° H 12'24	0°04'25
min. Earth dist.	-6111 Nov 15 j 02:46	8° Y 56'11	17.47375 AU	minimum elong	-6105 Jun 14 j 23:24	5° H 12'24	0°04'37
direct	-6110 Jan 28 j 15:02	6° Y 53'26		behind sun begin	-6105 Jun 14 j 16:49	5° H 11'24	
evening set	-6110 May 04 j 07:57	10° Y 20'29		behind sun end	-6105 Jun 15 j 06:00	5° H 13'25	
max. Earth dist.	-6110 May 19 j 16:05	11° Y 17'03	19.44712 AU	max. Earth dist.	-6105 Jun 13 j 14:49	5° H 07'16	19.24938 AU
				morning rise	-6105 Jul 01 j 08:51	6° H 14'01	
conjunction	-6110 May 21 j 02:07	11° Y 22'20	-0°17'49	retrograde	-6105 Sep 30 j 14:48	9° H 36'27	
minimum elong	-6110 May 21 j 02:07	11° Y 22'20	0°17'48	opposition	-6105 Dec 12 j 19:05	7° H 33'52	0°07'20
morning rise	-6110 Jun 06 j 17:12	12° Y 23'46		min. Earth dist.	-6105 Dec 13 j 22:54	7° H 30'49	17.23834 AU
retrograde	-6110 Sep 06 j 16:01	15° Y 44'35		direct	-6104 Feb 27 j 06:13	5° H 26'47	
opposition	-6110 Nov 18 j 20:22	13° Y 42'14	-0°17'30	evening set	-6104 Jun 02 j 15:03	8° H 58'38	
min. Earth dist.	-6110 Nov 20 j 00:43	13° Y 39'08	17.42216 AU	max. Earth dist.	-6104 Jun 17 j 19:23	9° H 55'44	19.22819 AU
direct	-6109 Feb 02 j 15:23	11° Y 36'08					
evening set	-6109 May 09 j 12:33	15° Y 04'15		conjunction	-6104 Jun 19 j 03:33	10° H 00'49	0°08'54
max. Earth dist.	-6109 May 24 j 20:43	16° Y 01'03	19.39738 AU	minimum elong	-6104 Jun 19 j 03:32	10° H 00'49	0°09'07
				behind sun begin	-6104 Jun 18 j 21:50	9° H 59'56	
conjunction	-6109 May 26 j 06:09	16° Y 06'15	-0°13'33	behind sun end	-6104 Jun 19 j 09:14	10° H 01'41	
minimum elong	-6109 May 26 j 06:09	16° Y 06'15	0°13'28	morning rise	-6104 Jul 05 j 11:43	11° H 02'23	
behind sun begin	-6109 May 26 j 02:29	16° Y 05'41		retrograde	-6104 Oct 04 j 15:00	14° H 25'01	
behind sun end	-6109 May 26 j 09:49	16° Y 06'48		opposition	-6104 Dec 16 j 20:49	12° H 22'28	0°12'20

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Attention, astronomical year style is used: The year -6104 in astronomical counting style is the year 6105 BCE in historical counting style.

min. Earth dist.	-6104 Dec 18 j 00:31	12° 8 19'27	17.22080 AU	direct	-6097 Apr 02 j 15:59	9° II 12'58	
direct	-6103 Mar 03 j 09:28	10° 8 15'20		evening set	-6097 Jul 07 j 22:57	12° II 45'07	
evening set	-6103 Jun 07 j 20:26	13° 8 47'37		max. Earth dist.	-6097 Jul 23 j 04:21	13° II 42'51	19.26525 AU
max. Earth dist.	-6103 Jun 23 j 01:04	14° 8 44'53	19.21425 AU				
				conjunction	-6097 Jul 24 j 02:00	13° II 46'18	0°37'05
conjunction	-6103 Jun 24 j 07:43	14° 8 49'45	0°13'20	minimum elong	-6097 Jul 24 j 02:00	13° II 46'18	0°37'26
minimum elong	-6103 Jun 24 j 07:43	14° 8 49'45	0°13'34	morning rise	-6097 Aug 09 j 01:05	14° II 46'53	
behind sun begin	-6103 Jun 24 j 04:04	14° 8 49'11		retrograde	-6097 Nov 08 j 01:08	18° II 09'27	
behind sun end	-6103 Jun 24 j 11:22	14° 8 50'19		opposition	-6096 Jan 20 j 20:41	16° II 07'43	0°43'10
	-6103 Jun 27 j 00:21	15° 8		min. Earth dist.	-6096 Jan 21 j 14:32	16° II 05'48	17.27871 AU
morning rise	-6103 Jul 10 j 14:38	15° 8 51'15		direct	-6096 Apr 06 j 22:21	14° II 01'37	
retrograde	-6103 Oct 09 j 17:11	19° 8 14'01		evening set	-6096 Jul 12 j 01:18	17° II 33'15	
opposition	-6103 Dec 21 j 22:52	17° 8 11'34	0°17'15	max. Earth dist.	-6096 Jul 27 j 08:36	18° II 31'14	19.29270 AU
min. Earth dist.	-6103 Dec 23 j 00:46	17° 8 08'44	17.21029 AU				
direct	-6102 Mar 08 j 14:28	15° 8 04'27		conjunction	-6096 Jul 28 j 03:13	18° II 34'12	0°40'16
evening set	-6102 Jun 13 j 01:44	18° 8 37'04		minimum elong	-6096 Jul 28 j 03:12	18° II 34'12	0°40'38
max. Earth dist.	-6102 Jun 28 j 06:24	19° 8 34'27	19.20727 AU	morning rise	-6096 Aug 13 j 00:56	19° II 34'33	
				retrograde	-6096 Nov 12 j 00:53	22° II 56'51	
conjunction	-6102 Jun 29 j 11:45	19° 8 39'07	0°17'41	opposition	-6095 Jan 25 j 00:51	20° II 55'13	0°46'34
minimum elong	-6102 Jun 29 j 11:45	19° 8 39'07	0°17'57	min. Earth dist.	-6095 Jan 25 j 17:39	20° II 53'25	17.30850 AU
morning rise	-6102 Jul 15 j 17:16	20° 8 40'32		direct	-6095 Apr 12 j 04:16	18° II 49'21	
retrograde	-6102 Oct 14 j 18:09	24° 8 03'24		evening set	-6095 Jul 17 j 03:07	22° II 20'19	
opposition	-6102 Dec 27 j 01:45	22° 8 01'04	0°22'04	max. Earth dist.	-6095 Aug 01 j 09:53	23° II 18'12	19.32497 AU
min. Earth dist.	-6102 Dec 28 j 03:29	21° 8 58'15	17.20680 AU				
direct	-6101 Mar 13 j 18:10	19° 8 54'03		conjunction	-6095 Aug 02 j 03:31	23° II 21'00	0°43'09
evening set	-6101 Jun 18 j 06:41	23° 8 26'51		minimum elong	-6095 Aug 02 j 03:30	23° II 21'00	0°43'31
max. Earth dist.	-6101 Jul 03 j 11:18	24° 8 24'19	19.20718 AU	morning rise	-6095 Aug 18 j 00:14	24° II 21'07	
				retrograde	-6095 Nov 17 j 00:33	27° II 43'07	
conjunction	-6101 Jul 04 j 15:18	24° 8 28'46	0°21'55	opposition	-6094 Jan 30 j 04:41	25° II 41'32	0°49'36
minimum elong	-6101 Jul 04 j 15:18	24° 8 28'46	0°22'13	min. Earth dist.	-6094 Jan 30 j 18:58	25° II 40'01	17.34319 AU
morning rise	-6101 Jul 20 j 19:35	25° 8 30'04		direct	-6094 Apr 17 j 10:04	23° II 35'53	
retrograde	-6101 Oct 19 j 20:38	28° 8 53'00		evening set	-6094 Jul 22 j 03:51	27° II 06'06	
opposition	-6100 Jan 01 j 04:56	26° 8 50'48	0°26'44				
min. Earth dist.	-6100 Jan 02 j 04:28	26° 8 48'14	17.20984 AU	conjunction	-6094 Aug 07 j 03:08	28° II 06'30	0°45'43
direct	-6100 Mar 17 j 23:53	24° 8 43'55		minimum elong	-6094 Aug 07 j 03:08	28° II 06'30	0°46'07
evening set	-6100 Jun 22 j 11:23	28° 8 16'46		max. Earth dist.	-6094 Aug 06 j 12:57	28° II 04'15	19.36214 AU
				morning rise	-6094 Aug 22 j 22:36	29° II 06'22	
conjunction	-6100 Jul 08 j 18:44	29° 8 18'33	0°26'01		-6094 Sep 06 j 19:57	0° III	
minimum elong	-6100 Jul 08 j 18:44	29° 8 18'33	0°26'19	retrograde	-6094 Nov 21 j 23:24	2° III 27'58	
max. Earth dist.	-6100 Jul 07 j 16:46	29° 8 14'25	19.21329 AU	opposition	-6093 Feb 04 j 08:33	0° III 26'28	0°52'17
	-6100 Jul 19 j 15:48	0° II		min. Earth dist.	-6093 Feb 04 j 21:01	0° III 25'08	17.38275 AU
morning rise	-6100 Jul 24 j 21:34	0° II 19'42			-6093 Feb 14 j 19:04	30° R II	
retrograde	-6100 Oct 23 j 21:27	3° II 42'38		direct	-6093 Apr 22 j 15:08	28° II 21'04	
opposition	-6099 Jan 05 j 08:30	1° II 40'34	0°31'13		-6093 Jun 24 j 13:23	0° III	
min. Earth dist.	-6099 Jan 06 j 07:50	1° II 38'02	17.21899 AU	evening set	-6093 Jul 27 j 03:37	1° III 50'22	
	-6099 Feb 19 j 03:01	30° R III					
direct	-6099 Mar 23 j 04:10	0° III 33'51		conjunction	-6093 Aug 12 j 01:31	2° III 50'28	0°47'58
	-6099 Apr 23 j 18:40	0° II		minimum elong	-6093 Aug 12 j 01:31	2° III 50'28	0°48'21
evening set	-6099 Jun 27 j 15:48	3° II 06'37		max. Earth dist.	-6093 Aug 11 j 12:51	2° III 48'28	19.40429 AU
				morning rise	-6093 Aug 27 j 20:08	3° III 50'05	
conjunction	-6099 Jul 13 j 21:40	4° II 08'14	0°29'56	retrograde	-6093 Nov 26 j 22:12	7° III 11'17	
minimum elong	-6099 Jul 13 j 21:40	4° II 08'14	0°30'16	opposition	-6092 Feb 09 j 11:56	5° III 09'49	0°54'36
max. Earth dist.	-6099 Jul 12 j 20:36	4° II 04'14	19.22535 AU	min. Earth dist.	-6092 Feb 09 j 21:52	5° III 08'46	17.42750 AU
morning rise	-6099 Jul 29 j 23:20	5° II 09'13		direct	-6092 Apr 26 j 19:01	3° III 04'41	
retrograde	-6099 Oct 28 j 23:39	8° II 32'05		evening set	-6092 Jul 31 j 02:22	6° III 33'00	
opposition	-6098 Jan 10 j 12:21	6° II 30'09	0°35'28				
min. Earth dist.	-6098 Jan 11 j 09:19	6° II 27'53	17.23374 AU	conjunction	-6092 Aug 15 j 23:13	7° III 32'48	0°49'53
direct	-6098 Mar 28 j 10:33	4° II 23'37		minimum elong	-6092 Aug 15 j 23:13	7° III 32'48	0°50'16
evening set	-6098 Jul 02 j 19:36	7° II 56'09		max. Earth dist.	-6092 Aug 15 j 14:10	7° III 31'22	19.45161 AU
max. Earth dist.	-6098 Jul 18 j 01:43	8° II 53'59	19.24270 AU	morning rise	-6092 Aug 31 j 16:46	8° III 32'08	
				retrograde	-6092 Nov 30 j 20:27	11° III 52'51	
conjunction	-6098 Jul 19 j 00:12	8° II 57'34	0°33'38	opposition	-6091 Feb 13 j 14:48	9° III 51'30	0°56'32
minimum elong	-6098 Jul 19 j 00:12	8° II 57'34	0°33'58	min. Earth dist.	-6091 Feb 13 j 22:14	9° III 50'43	17.47730 AU
morning rise	-6098 Aug 04 j 00:22	9° II 58'21		direct	-6091 May 01 j 22:17	7° III 46'40	
retrograde	-6098 Nov 03 j 00:02	13° II 21'06		evening set	-6091 Aug 05 j 00:18	11° III 13'55	
opposition	-6097 Jan 15 j 16:35	11° II 19'17	0°39'28				
min. Earth dist.	-6097 Jan 16 j 12:58	11° II 17'05	17.25367 AU	conjunction	-6091 Aug 20 j 19:54	12° III 13'24	0°51'28

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

minimum elong	-6091 Aug 20 j 19:54	12°☾13'24	0°51'51	opposition	-6084 Mar 18 j 21:07	11°♈53'14	0°59'18
max. Earth dist.	-6091 Aug 20 j 12:42	12°☾12'16	19.50403 AU	min. Earth dist.	-6084 Mar 18 j 12:03	11°♈54'10	17.93858 AU
morning rise	-6091 Sep 05 j 12:40	13°☾12'28		direct	-6084 Jun 04 j 00:13	9°♈51'30	
retrograde	-6091 Dec 05 j 18:21	16°☾32'41		evening set	-6084 Sep 05 j 05:33	13°♈09'47	
opposition	-6090 Feb 18 j 17:24	14°☾31'26	0°58'05				
min. Earth dist.	-6090 Feb 18 j 22:25	14°☾30'54	17.53234 AU	conjunction	-6084 Sep 20 j 19:37	14°♈07'00	0°52'53
direct	-6090 May 07 j 00:08	12°☾26'58		minimum elong	-6084 Sep 20 j 19:38	14°♈07'00	0°53'11
evening set	-6090 Aug 09 j 20:59	15°☾53'04		max. Earth dist.	-6084 Sep 21 j 06:07	14°♈08'37	19.97505 AU
					-6084 Oct 05 j 05:37	15°♈	
conjunction	-6090 Aug 25 j 15:38	16°☾52'14	0°52'42	morning rise	-6084 Oct 06 j 08:50	15°♈04'06	
minimum elong	-6090 Aug 25 j 15:38	16°☾52'14	0°53'04	retrograde	-6083 Jan 06 j 12:26	18°♈20'22	
max. Earth dist.	-6090 Aug 25 j 11:58	16°☾51'39	19.56156 AU	opposition	-6083 Mar 23 j 19:09	16°♈20'09	0°58'12
morning rise	-6090 Sep 10 j 07:31	17°☾51'00		min. Earth dist.	-6083 Mar 23 j 07:06	16°♈21'23	18.01160 AU
retrograde	-6090 Dec 10 j 16:28	21°☾10'43			-6083 Apr 28 j 08:05	15°♈	
opposition	-6089 Feb 23 j 19:31	19°☾09'36	0°59'15	direct	-6083 Jun 08 j 22:37	14°♈18'50	
min. Earth dist.	-6089 Feb 23 j 21:25	19°☾09'24	17.59210 AU		-6083 Jul 18 j 23:37	15°♈	
direct	-6089 May 12 j 02:30	17°☾05'33		evening set	-6083 Sep 09 j 19:44	17°♈35'43	
evening set	-6089 Aug 14 j 16:53	20°☾30'27					
				conjunction	-6083 Sep 25 j 09:23	18°♈32'39	0°51'46
conjunction	-6089 Aug 30 j 10:29	21°☾29'18	0°53'35	minimum elong	-6083 Sep 25 j 09:23	18°♈32'39	0°52'02
minimum elong	-6089 Aug 30 j 10:29	21°☾29'18	0°53'58	max. Earth dist.	-6083 Sep 25 j 22:11	18°♈34'36	20.04791 AU
max. Earth dist.	-6089 Aug 30 j 09:00	21°☾29'04	19.62359 AU	morning rise	-6083 Oct 10 j 22:25	19°♈29'29	
morning rise	-6089 Sep 15 j 01:45	22°☾27'47		retrograde	-6082 Jan 11 j 03:30	22°♈45'07	
retrograde	-6089 Dec 15 j 12:56	25°☾46'58		opposition	-6082 Mar 28 j 16:46	20°♈44'59	0°56'46
opposition	-6088 Feb 28 j 21:01	23°☾46'00	1°00'02	min. Earth dist.	-6082 Mar 28 j 03:49	20°♈46'19	18.08432 AU
min. Earth dist.	-6088 Feb 28 j 20:55	23°☾46'01	17.65625 AU	direct	-6082 Jun 13 j 17:46	18°♈44'05	
direct	-6088 May 16 j 02:35	21°☾42'24		evening set	-6082 Sep 14 j 08:50	21°♈59'32	
evening set	-6088 Aug 18 j 11:38	25°☾06'03					
				conjunction	-6082 Sep 29 j 22:08	22°♈56'10	0°50'20
conjunction	-6088 Sep 03 j 04:27	26°☾04'34	0°54'07	minimum elong	-6082 Sep 29 j 22:08	22°♈56'10	0°50'36
minimum elong	-6088 Sep 03 j 04:27	26°☾04'34	0°54'29	max. Earth dist.	-6082 Sep 30 j 12:27	22°♈58'21	20.12039 AU
max. Earth dist.	-6088 Sep 03 j 06:00	26°☾04'49	19.68960 AU	morning rise	-6082 Oct 15 j 11:13	23°♈52'45	
morning rise	-6088 Sep 18 j 19:07	27°☾02'46		retrograde	-6081 Jan 15 j 20:45	27°♈07'44	
	-6088 Nov 21 j 04:57	0°♈		opposition	-6081 Apr 02 j 13:21	25°♈07'41	0°55'00
retrograde	-6088 Dec 19 j 10:31	0°♈21'25		min. Earth dist.	-6081 Apr 01 j 21:27	25°♈09'18	18.15638 AU
	-6087 Jan 17 j 06:34	30°♈		direct	-6081 Jun 18 j 13:53	23°♈07'08	
opposition	-6087 Mar 04 j 21:53	28°☾20'37	1°00'25	evening set	-6081 Sep 18 j 21:04	26°♈21'10	
min. Earth dist.	-6087 Mar 04 j 18:37	28°☾20'57	17.72373 AU				
direct	-6087 May 21 j 04:03	26°☾17'28		conjunction	-6081 Oct 04 j 10:11	27°♈17'31	0°48'39
evening set	-6087 Aug 23 j 05:32	29°☾39'51		minimum elong	-6081 Oct 04 j 10:11	27°♈17'31	0°48'53
	-6087 Aug 28 j 16:56	0°♈		max. Earth dist.	-6081 Oct 05 j 02:55	27°♈20'03	20.19200 AU
				morning rise	-6081 Oct 19 j 23:16	28°♈13'52	
conjunction	-6087 Sep 07 j 21:28	0°♈38'02	0°54'19		-6081 Nov 21 j 18:45	0°♈	
minimum elong	-6087 Sep 07 j 21:28	0°♈38'02	0°54'40	retrograde	-6080 Jan 20 j 10:17	1°♈28'11	
max. Earth dist.	-6087 Sep 08 j 01:20	0°♈38'38	19.75845 AU		-6080 Mar 24 j 04:20	30°♈	
morning rise	-6087 Sep 23 j 11:37	1°♈35'57		opposition	-6080 Apr 06 j 08:58	29°♈28'10	0°52'56
retrograde	-6087 Dec 24 j 04:52	4°♈54'02		min. Earth dist.	-6080 Apr 05 j 16:21	29°♈29'51	18.22765 AU
opposition	-6086 Mar 09 j 22:20	2°♈53'24	1°00'25	direct	-6080 Jun 22 j 07:15	27°♈27'59	
min. Earth dist.	-6086 Mar 09 j 17:33	2°♈53'53	17.79385 AU		-6080 Sep 10 j 14:37	0°♈	
direct	-6086 May 26 j 03:00	0°♈50'44		evening set	-6080 Sep 22 j 08:20	0°♈40'36	
evening set	-6086 Aug 27 j 22:28	4°♈11'46					
				conjunction	-6080 Oct 07 j 21:14	1°♈36'40	0°46'41
conjunction	-6086 Sep 12 j 13:43	5°♈09'38	0°54'10	minimum elong	-6080 Oct 07 j 21:15	1°♈36'40	0°46'54
minimum elong	-6086 Sep 12 j 13:43	5°♈09'38	0°54'31	max. Earth dist.	-6080 Oct 08 j 15:13	1°♈39'23	20.26294 AU
max. Earth dist.	-6086 Sep 12 j 20:03	5°♈10'37	19.82961 AU	morning rise	-6080 Oct 23 j 10:34	2°♈32'47	
morning rise	-6086 Sep 28 j 03:27	6°♈07'16		retrograde	-6079 Jan 24 j 01:45	5°♈46'27	
retrograde	-6086 Dec 29 j 01:11	9°♈24'46		min. Earth dist.	-6079 Apr 10 j 08:11	3°♈48'26	18.29823 AU
opposition	-6085 Mar 14 j 22:01	7°♈24'17	1°00'02	opposition	-6079 Apr 11 j 03:38	3°♈46'28	0°50'36
min. Earth dist.	-6085 Mar 14 j 14:03	7°♈25'07	17.86572 AU	direct	-6079 Jun 27 j 00:44	1°♈46'37	
direct	-6085 May 31 j 03:13	5°♈22'06		evening set	-6079 Sep 26 j 18:34	4°♈57'51	
evening set	-6085 Sep 01 j 14:25	8°♈41'46					
				conjunction	-6079 Oct 12 j 07:26	5°♈53'39	0°44'29
conjunction	-6085 Sep 17 j 05:03	9°♈39'19	0°53'41	minimum elong	-6079 Oct 12 j 07:27	5°♈53'39	0°44'40
minimum elong	-6085 Sep 17 j 05:03	9°♈39'19	0°54'00	max. Earth dist.	-6079 Oct 13 j 04:06	5°♈56'46	20.33310 AU
max. Earth dist.	-6085 Sep 17 j 13:43	9°♈40'39	19.90200 AU	morning rise	-6079 Oct 27 j 20:53	6°♈49'33	
morning rise	-6085 Oct 02 j 18:28	10°♈36'41		retrograde	-6078 Jan 28 j 14:04	10°♈02'35	
retrograde	-6084 Jan 02 j 17:49	13°♈53'35		opposition	-6078 Apr 15 j 21:35	8°♈02'38	0°48'00

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Attention, astronomical year style is used: The year -6078 in astronomical counting style is the year 6079 BCE in historical counting style.

min. Earth dist.	-6078 Apr 15 j 01:12	8° $\overline{00}$ 04'42	18.36819 AU	conjunction	-6072 Nov 09 j 13:30	5° $\underline{02}$ '22	0°23'42
direct	-6078 Jul 01 j 16:17	6° $\overline{00}$ 03'08		minimum elong	-6072 Nov 09 j 13:30	5° $\underline{02}$ '22	0°23'42
evening set	-6078 Oct 01 j 04:05	9° $\overline{00}$ 13'01		max. Earth dist.	-6072 Nov 10 j 19:13	5° $\underline{06}$ '44	20.79493 AU
				morning rise	-6072 Nov 25 j 06:38	5° $\underline{05}$ '10	
conjunction	-6078 Oct 16 j 16:53	10° $\overline{00}$ 08'34	0°42'03	retrograde	-6071 Feb 27 j 00:59	9° $\underline{06}$ '29	
minimum elong	-6078 Oct 16 j 16:53	10° $\overline{00}$ 08'34	0°42'12	min. Earth dist.	-6071 May 14 j 20:53	7° $\underline{01}$ '09	18.82359 AU
max. Earth dist.	-6078 Oct 17 j 14:39	10° $\overline{00}$ 11'50	20.40287 AU	opposition	-6071 May 16 j 02:38	7° $\underline{01}$ '11	0°24'13
morning rise	-6078 Nov 01 j 06:44	11° $\overline{00}$ 04'16		direct	-6071 Jul 31 j 04:08	5° $\underline{01}$ '13	
retrograde	-6077 Feb 02 j 04:09	14° $\overline{00}$ 16'40		evening set	-6071 Oct 29 j 04:25	8° $\underline{01}$ '12	
opposition	-6077 Apr 20 j 14:24	12° $\overline{00}$ 16'46	0°45'10				
min. Earth dist.	-6077 Apr 19 j 15:18	12° $\overline{00}$ 19'06	18.43776 AU	conjunction	-6071 Nov 13 j 19:28	9° $\underline{06}$ '30	0°20'10
direct	-6077 Jul 06 j 07:06	10° $\overline{00}$ 17'37		minimum elong	-6071 Nov 13 j 19:28	9° $\underline{06}$ '30	0°20'08
evening set	-6077 Oct 05 j 12:43	13° $\overline{00}$ 26'12		max. Earth dist.	-6071 Nov 15 j 02:49	9° $\underline{01}$ '05	20.85047 AU
				morning rise	-6071 Nov 29 j 13:12	10° $\underline{01}$ '12	
conjunction	-6077 Oct 21 j 01:43	14° $\overline{00}$ 21'32	0°39'25	retrograde	-6070 Mar 03 j 10:29	13° $\underline{01}$ '05	
minimum elong	-6077 Oct 21 j 01:43	14° $\overline{00}$ 21'32	0°39'33	min. Earth dist.	-6070 May 19 j 08:29	11° $\underline{01}$ '34	18.87697 AU
max. Earth dist.	-6077 Oct 22 j 02:03	14° $\overline{00}$ 25'10	20.47204 AU	opposition	-6070 May 20 j 14:12	11° $\underline{01}$ '51	0°20'15
morning rise	-6077 Nov 05 j 15:52	15° $\overline{00}$ 17'03		direct	-6070 Aug 04 j 13:09	9° $\underline{01}$ '10	
retrograde	-6076 Feb 06 j 15:28	18° $\overline{00}$ 28'52		evening set	-6070 Nov 02 j 09:41	12° $\underline{01}$ '15	
min. Earth dist.	-6076 Apr 23 j 06:31	16° $\overline{00}$ 31'27	18.50657 AU				
opposition	-6076 Apr 24 j 06:29	16° $\overline{00}$ 29'02	0°42'07	conjunction	-6070 Nov 18 j 01:12	13° $\underline{01}$ '26	0°16'34
direct	-6076 Jul 09 j 20:29	14° $\overline{00}$ 30'17		minimum elong	-6070 Nov 18 j 01:12	13° $\underline{01}$ '26	0°16'31
evening set	-6076 Oct 08 j 20:45	17° $\overline{00}$ 37'37		max. Earth dist.	-6070 Nov 19 j 07:53	13° $\underline{01}$ '53	20.90158 AU
				morning rise	-6070 Dec 03 j 19:51	14° $\underline{01}$ '03	
conjunction	-6076 Oct 24 j 09:48	18° $\overline{00}$ 32'43	0°36'35	retrograde	-6069 Mar 07 j 20:25	17° $\underline{01}$ '23	
minimum elong	-6076 Oct 24 j 09:48	18° $\overline{00}$ 32'43	0°36'41	min. Earth dist.	-6069 May 23 j 18:47	15° $\underline{01}$ '19	18.92573 AU
max. Earth dist.	-6076 Oct 25 j 10:53	18° $\overline{00}$ 36'27	20.54042 AU	opposition	-6069 May 25 j 00:57	15° $\underline{01}$ '31	0°16'13
morning rise	-6076 Nov 09 j 00:29	19° $\overline{00}$ 28'03		direct	-6069 Aug 08 j 21:53	13° $\underline{01}$ '16	
retrograde	-6075 Feb 10 j 04:43	22° $\overline{00}$ 39'19		evening set	-6069 Nov 06 j 14:29	16° $\underline{01}$ '05	
opposition	-6075 Apr 28 j 21:33	20° $\overline{00}$ 39'36	0°38'52				
min. Earth dist.	-6075 Apr 27 j 19:19	20° $\overline{00}$ 42'14	18.57440 AU	conjunction	-6069 Nov 22 j 06:46	17° $\underline{01}$ '10	0°12'53
direct	-6075 Jul 14 j 09:18	18° $\overline{00}$ 41'12		minimum elong	-6069 Nov 22 j 06:46	17° $\underline{01}$ '10	0°12'49
evening set	-6075 Oct 13 j 04:03	21° $\overline{00}$ 47'22		behind sun begin	-6069 Nov 22 j 02:36	17° $\underline{01}$ '03	
				behind sun end	-6069 Nov 22 j 10:55	17° $\underline{01}$ '14	
conjunction	-6075 Oct 28 j 17:27	22° $\overline{00}$ 42'17	0°33'35	max. Earth dist.	-6069 Nov 23 j 14:36	17° $\underline{01}$ '54	20.94773 AU
minimum elong	-6075 Oct 28 j 17:27	22° $\overline{00}$ 42'17	0°33'40	morning rise	-6069 Dec 08 j 02:07	18° $\underline{01}$ '05	
max. Earth dist.	-6075 Oct 29 j 20:55	22° $\overline{00}$ 46'21	20.60748 AU	retrograde	-6068 Mar 11 j 05:01	21° $\underline{01}$ '34	
morning rise	-6075 Nov 13 j 08:32	23° $\overline{00}$ 37'28		min. Earth dist.	-6068 May 27 j 05:09	19° $\underline{01}$ '34	18.96930 AU
retrograde	-6074 Feb 14 j 15:13	26° $\overline{00}$ 48'11		opposition	-6068 May 28 j 11:03	19° $\underline{01}$ '43	0°12'07
min. Earth dist.	-6074 May 02 j 09:10	24° $\overline{00}$ 51'17	18.64062 AU	direct	-6068 Aug 12 j 06:17	17° $\underline{01}$ '18	
opposition	-6074 May 03 j 12:03	24° $\overline{00}$ 48'35	0°35'26	evening set	-6068 Nov 09 j 18:58	20° $\underline{01}$ '44	
direct	-6074 Jul 18 j 20:35	22° $\overline{00}$ 50'35					
evening set	-6074 Oct 17 j 10:48	25° $\overline{00}$ 55'36		conjunction	-6068 Nov 25 j 11:47	21° $\underline{01}$ '14	0°09'11
				minimum elong	-6068 Nov 25 j 11:47	21° $\underline{01}$ '14	0°09'05
conjunction	-6074 Nov 02 j 00:26	26° $\overline{00}$ 50'20	0°30'25	behind sun begin	-6068 Nov 25 j 06:11	21° $\underline{01}$ '05	
minimum elong	-6074 Nov 02 j 00:26	26° $\overline{00}$ 50'20	0°30'29	behind sun end	-6068 Nov 25 j 17:24	21° $\underline{01}$ '23	
max. Earth dist.	-6074 Nov 03 j 04:18	26° $\overline{00}$ 54'27	20.67277 AU	max. Earth dist.	-6068 Nov 26 j 18:41	21° $\underline{01}$ '12	20.98884 AU
morning rise	-6074 Nov 17 j 16:15	27° $\overline{00}$ 45'22		morning rise	-6068 Dec 11 j 08:08	22° $\underline{01}$ '06	
	-6073 Jan 02 j 05:35	0° $\underline{01}$ '		retrograde	-6067 Mar 15 j 13:27	25° $\underline{01}$ '35	
retrograde	-6073 Feb 19 j 03:48	0° $\underline{01}$ '55'37		opposition	-6067 Jun 01 j 20:30	23° $\underline{01}$ '44	0°07'58
	-6073 Apr 10 j 01:20	30° $\overline{00}$ 08'00		min. Earth dist.	-6067 May 31 j 14:26	23° $\underline{01}$ '40	19.00796 AU
min. Earth dist.	-6073 May 06 j 21:09	28° $\overline{00}$ 58'58	18.70476 AU	direct	-6067 Aug 16 j 13:28	21° $\underline{01}$ '18	
opposition	-6073 May 08 j 01:41	28° $\overline{00}$ 56'06	0°31'50	evening set	-6067 Nov 13 j 23:05	24° $\underline{01}$ '13	
direct	-6073 Jul 23 j 08:10	26° $\overline{00}$ 58'29					
evening set	-6073 Oct 21 j 17:06	0° $\underline{02}$ '26		conjunction	-6067 Nov 29 j 16:46	25° $\underline{01}$ '11	0°05'27
	-6073 Oct 21 j 00:07	0° $\underline{02}$ '		minimum elong	-6067 Nov 29 j 16:46	25° $\underline{01}$ '11	0°05'19
				behind sun begin	-6067 Nov 29 j 10:24	25° $\underline{01}$ '10	
conjunction	-6073 Nov 06 j 07:13	0° $\underline{02}$ '57'01	0°27'07	behind sun end	-6067 Nov 29 j 23:07	25° $\underline{01}$ '12	
minimum elong	-6073 Nov 06 j 07:14	0° $\underline{02}$ '57'01	0°27'09	max. Earth dist.	-6067 Dec 01 j 00:46	25° $\underline{01}$ '15	21.02506 AU
max. Earth dist.	-6073 Nov 07 j 13:06	1° $\underline{02}$ '01'24	20.73543 AU	morning rise	-6067 Dec 15 j 13:53	26° $\underline{01}$ '05	
morning rise	-6073 Nov 21 j 23:33	1° $\underline{02}$ '51'55		retrograde	-6066 Mar 19 j 20:59	29° $\underline{01}$ '12	
retrograde	-6072 Feb 23 j 13:43	5° $\underline{02}$ '01'40		min. Earth dist.	-6066 Jun 04 j 23:25	27° $\underline{01}$ '16	19.04187 AU
min. Earth dist.	-6072 May 10 j 09:43	3° $\underline{02}$ '05'10	18.76590 AU	opposition	-6066 Jun 06 j 05:16	27° $\underline{01}$ '13	0°03'49
opposition	-6072 May 11 j 14:27	3° $\underline{02}$ '02'17	0°28'05	direct	-6066 Aug 20 j 20:59	25° $\underline{01}$ '17	
direct	-6072 Jul 26 j 17:48	1° $\underline{02}$ '05'01		evening set	-6066 Nov 18 j 03:02	28° $\underline{01}$ '15	
evening set	-6072 Oct 24 j 23:04	4° $\underline{02}$ '07'57					
				conjunction	-6066 Dec 03 j 21:21	29° $\underline{02}$ '09	0°01'41

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Attention, astronomical year style is used: The year -6066 in astronomical counting style is the year 6067 BCE in historical counting style.

minimum elong	-6066 Dec 03 j 21:23	29° <u>2</u> 09'31	0°01'31	minimum elong	-6061 Dec 23 j 20:25	18° <u>1</u> 51'04	0°16'59
behind sun begin	-6066 Dec 03 j 14:48	29° <u>2</u> 08'36		max. Earth dist.	-6061 Dec 25 j 03:11	18° <u>1</u> 55'26	21.15611 AU
behind sun end	-6066 Dec 04 j 03:57	29° <u>2</u> 10'26		morning rise	-6060 Jan 08 j 23:23	19° <u>1</u> 45'36	
max. Earth dist.	-6066 Dec 05 j 04:23	29° <u>2</u> 13'58	21.05684 AU	retrograde	-6060 Apr 12 j 16:10	22° <u>1</u> 51'47	
	-6066 Dec 18 j 15:35	0° <u>1</u>		opposition	-6060 Jun 29 j 22:41	20° <u>1</u> 52'23	-0°20'28
morning rise	-6066 Dec 19 j 19:36	0° <u>1</u> 03'56		min. Earth dist.	-6060 Jun 28 j 19:03	20° <u>1</u> 55'09	19.16085 AU
retrograde	-6065 Mar 24 j 04:51	3° <u>1</u> 10'57		direct	-6060 Sep 13 j 02:19	18° <u>1</u> 56'41	
desc. node	-6065 May 13 j 12:50	2° <u>1</u> 15'15		evening set	-6060 Dec 11 j 01:35	21° <u>1</u> 52'41	
min. Earth dist.	-6065 Jun 09 j 07:37	1° <u>1</u> 14'34	19.07158 AU				
opposition	-6065 Jun 10 j 13:25	1° <u>1</u> 11'36	-0°00'19	conjunction	-6060 Dec 27 j 01:14	22° <u>1</u> 46'41	-0°20'14
	-6065 Jul 12 j 16:40	30° <u>1</u>		minimum elong	-6060 Dec 27 j 01:14	22° <u>1</u> 46'41	0°20'31
direct	-6065 Aug 25 j 02:38	29° <u>2</u> 15'35		max. Earth dist.	-6060 Dec 28 j 06:13	22° <u>1</u> 50'48	21.16363 AU
	-6065 Oct 06 j 02:07	0° <u>1</u>		morning rise	-6059 Jan 12 j 05:21	23° <u>1</u> 41'18	
evening set	-6065 Nov 22 j 06:48	2° <u>1</u> 13'04		retrograde	-6059 Apr 17 j 00:05	26° <u>1</u> 47'29	
				min. Earth dist.	-6059 Jul 03 j 02:00	24° <u>1</u> 50'46	19.16602 AU
conjunction	-6065 Dec 08 j 02:05	3° <u>1</u> 06'56	-0°02'10	opposition	-6059 Jul 04 j 04:31	24° <u>1</u> 48'06	-0°24'17
minimum elong	-6065 Dec 08 j 02:03	3° <u>1</u> 06'56	0°02'21	direct	-6059 Sep 17 j 05:50	22° <u>1</u> 52'26	
behind sun begin	-6065 Dec 07 j 19:29	3° <u>1</u> 06'01		evening set	-6059 Dec 15 j 05:55	25° <u>1</u> 48'25	
behind sun end	-6065 Dec 08 j 08:38	3° <u>1</u> 07'51					
max. Earth dist.	-6065 Dec 09 j 10:03	3° <u>1</u> 11'31	21.08439 AU	conjunction	-6059 Dec 31 j 06:40	26° <u>1</u> 42'31	-0°23'38
morning rise	-6065 Dec 24 j 01:03	4° <u>1</u> 01'20		minimum elong	-6059 Dec 31 j 06:40	26° <u>1</u> 42'31	0°23'56
retrograde	-6064 Mar 27 j 11:22	7° <u>1</u> 08'04		max. Earth dist.	-6058 Jan 01 j 11:43	26° <u>1</u> 46'38	21.16626 AU
opposition	-6064 Jun 13 j 20:49	5° <u>1</u> 08'41	-0°04'27	morning rise	-6058 Jan 16 j 11:38	27° <u>1</u> 37'12	
min. Earth dist.	-6064 Jun 12 j 15:15	5° <u>1</u> 11'38	19.09715 AU		-6058 Mar 09 j 06:07	0° <u>1</u>	
direct	-6064 Aug 28 j 08:54	3° <u>1</u> 12'45		retrograde	-6058 Apr 21 j 07:19	0° <u>1</u> 43'25	
evening set	-6064 Nov 25 j 10:32	6° <u>1</u> 09'45			-6058 Jun 04 j 06:17	30° <u>1</u>	
				min. Earth dist.	-6058 Jul 07 j 08:33	28° <u>1</u> 46'38	19.16600 AU
conjunction	-6064 Dec 11 j 06:30	7° <u>1</u> 03'36	-0°05'53	opposition	-6058 Jul 08 j 10:01	28° <u>1</u> 44'04	-0°27'59
minimum elong	-6064 Dec 11 j 06:29	7° <u>1</u> 03'36	0°06'06	direct	-6058 Sep 21 j 09:56	26° <u>1</u> 48'25	
behind sun begin	-6064 Dec 11 j 00:14	7° <u>1</u> 02'43		evening set	-6058 Dec 19 j 10:44	29° <u>1</u> 44'27	
behind sun end	-6064 Dec 11 j 12:45	7° <u>1</u> 04'28			-6058 Dec 24 j 02:39	0° <u>1</u>	
max. Earth dist.	-6064 Dec 12 j 13:19	7° <u>1</u> 08'00	21.10812 AU				
morning rise	-6064 Dec 27 j 06:35	7° <u>1</u> 58'00		conjunction	-6057 Jan 04 j 12:23	0° <u>1</u> 38'38	-0°26'56
retrograde	-6063 Mar 31 j 19:25	11° <u>1</u> 04'32		minimum elong	-6057 Jan 04 j 12:23	0° <u>1</u> 38'38	0°27'15
min. Earth dist.	-6063 Jun 16 j 22:35	9° <u>1</u> 08'02	19.11906 AU	max. Earth dist.	-6057 Jan 05 j 15:00	0° <u>1</u> 42'24	21.16358 AU
opposition	-6063 Jun 18 j 03:55	9° <u>1</u> 05'06	-0°08'32	morning rise	-6057 Jan 20 j 18:31	1° <u>1</u> 33'26	
direct	-6063 Sep 01 j 13:16	7° <u>1</u> 09'13		retrograde	-6057 Apr 25 j 14:54	4° <u>1</u> 39'44	
evening set	-6063 Nov 29 j 13:59	10° <u>1</u> 05'50		opposition	-6057 Jul 12 j 15:31	2° <u>1</u> 40'22	-0°31'34
				min. Earth dist.	-6057 Jul 11 j 15:43	2° <u>1</u> 42'46	19.16049 AU
conjunction	-6063 Dec 15 j 10:57	10° <u>1</u> 59'42	-0°09'33	direct	-6057 Sep 25 j 13:23	0° <u>1</u> 44'39	
minimum elong	-6063 Dec 15 j 10:57	10° <u>1</u> 59'42	0°09'46	evening set	-6057 Dec 23 j 15:51	3° <u>1</u> 40'50	
behind sun begin	-6063 Dec 15 j 05:32	10° <u>1</u> 58'57					
behind sun end	-6063 Dec 15 j 16:22	11° <u>1</u> 00'27		conjunction	-6056 Jan 08 j 18:37	4° <u>1</u> 35'08	-0°30'06
max. Earth dist.	-6063 Dec 16 j 18:41	11° <u>1</u> 04'13	21.12806 AU	minimum elong	-6056 Jan 08 j 18:37	4° <u>1</u> 35'08	0°30'27
morning rise	-6063 Dec 31 j 11:53	11° <u>1</u> 54'08		max. Earth dist.	-6056 Jan 09 j 20:44	4° <u>1</u> 38'50	21.15501 AU
	-6062 Mar 31 j 12:48	15° <u>1</u>		morning rise	-6056 Jan 25 j 01:33	5° <u>1</u> 30'03	
retrograde	-6062 Apr 05 j 01:34	15° <u>1</u> 00'30		retrograde	-6056 Apr 28 j 22:35	8° <u>1</u> 36'26	
	-6062 Apr 09 j 14:17	15° <u>1</u>		opposition	-6056 Jul 15 j 20:45	6° <u>1</u> 37'03	-0°35'00
min. Earth dist.	-6062 Jun 21 j 05:33	13° <u>1</u> 03'58	19.13704 AU	min. Earth dist.	-6056 Jul 14 j 22:17	6° <u>1</u> 39'19	19.14886 AU
opposition	-6062 Jun 22 j 10:33	13° <u>1</u> 01'03	-0°12'35	direct	-6056 Sep 28 j 17:44	4° <u>1</u> 41'15	
direct	-6062 Sep 05 j 18:24	11° <u>1</u> 05'15		evening set	-6056 Dec 26 j 21:27	7° <u>1</u> 37'37	
evening set	-6062 Dec 03 j 17:47	14° <u>1</u> 01'34					
				conjunction	-6055 Jan 12 j 01:06	8° <u>1</u> 32'03	-0°33'08
conjunction	-6062 Dec 19 j 15:34	14° <u>1</u> 55'27	-0°13'10	minimum elong	-6055 Jan 12 j 01:05	8° <u>1</u> 32'03	0°33'28
minimum elong	-6062 Dec 19 j 15:34	14° <u>1</u> 55'27	0°13'25	max. Earth dist.	-6055 Jan 13 j 00:22	8° <u>1</u> 35'21	21.14047 AU
behind sun begin	-6062 Dec 19 j 11:48	14° <u>1</u> 54'56		morning rise	-6055 Jan 28 j 09:11	9° <u>1</u> 27'06	
behind sun end	-6062 Dec 19 j 19:19	14° <u>1</u> 55'58		retrograde	-6055 May 03 j 06:04	12° <u>1</u> 33'36	
	-6062 Dec 20 j 23:32	15° <u>1</u>		min. Earth dist.	-6055 Jul 19 j 05:32	10° <u>1</u> 36'14	19.13131 AU
max. Earth dist.	-6062 Dec 20 j 21:50	14° <u>1</u> 59'45	21.14416 AU	opposition	-6055 Jul 20 j 02:05	10° <u>1</u> 34'09	-0°38'16
morning rise	-6061 Jan 04 j 17:40	15° <u>1</u> 49'56		direct	-6055 Oct 02 j 21:17	8° <u>1</u> 38'11	
retrograde	-6061 Apr 09 j 09:46	18° <u>1</u> 56'11		evening set	-6055 Dec 31 j 03:12	11° <u>1</u> 34'48	
opposition	-6061 Jun 26 j 16:45	16° <u>1</u> 56'45	-0°16'34				
min. Earth dist.	-6061 Jun 25 j 12:27	16° <u>1</u> 59'35	19.15115 AU	conjunction	-6054 Jan 16 j 08:04	12° <u>1</u> 29'24	-0°36'01
direct	-6061 Sep 09 j 22:04	15° <u>1</u> 01'00		minimum elong	-6054 Jan 16 j 08:04	12° <u>1</u> 29'24	0°36'23
evening set	-6061 Dec 07 j 21:35	17° <u>1</u> 57'07		max. Earth dist.	-6054 Jan 17 j 06:40	12° <u>1</u> 32'36	21.11994 AU
				morning rise	-6054 Feb 01 j 17:01	13° <u>1</u> 24'35	
conjunction	-6061 Dec 23 j 20:25	18° <u>1</u> 51'04	-0°16'44	retrograde	-6054 May 07 j 13:52	16° <u>1</u> 31'13	

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Attention, astronomical year style is used: The year -6054 in astronomical counting style is the year 6055 BCE in historical counting style.

opposition	-6054 Jul 24 j 07:16	14° $\mathring{\text{A}}$ 31'40	-0°41'22	conjunction	-6047 Feb 13 j 22:46	10° $\mathring{\text{Z}}$ 29'27	-0°50'47
min. Earth dist.	-6054 Jul 23 j 12:05	14° $\mathring{\text{A}}$ 33'37	19.10779 AU	minimum elong	-6047 Feb 13 j 22:46	10° $\mathring{\text{Z}}$ 29'27	0°51'11
direct	-6054 Oct 07 j 01:51	12° $\mathring{\text{A}}$ 35'31		max. Earth dist.	-6047 Feb 14 j 07:17	10° $\mathring{\text{Z}}$ 30'40	20.84953 AU
evening set	-6053 Jan 04 j 09:40	15° $\mathring{\text{A}}$ 32'27		morning rise	-6047 Mar 02 j 14:01	11° $\mathring{\text{Z}}$ 25'58	
				retrograde	-6047 Jun 05 j 04:59	14° $\mathring{\text{Z}}$ 34'37	
conjunction	-6053 Jan 20 j 15:26	16° $\mathring{\text{A}}$ 27'12	-0°38'44	opposition	-6047 Aug 20 j 21:20	12° $\mathring{\text{Z}}$ 34'14	-0°56'56
minimum elong	-6053 Jan 20 j 15:26	16° $\mathring{\text{A}}$ 27'12	0°39'05	min. Earth dist.	-6047 Aug 20 j 14:29	12° $\mathring{\text{Z}}$ 34'57	18.82409 AU
max. Earth dist.	-6053 Jan 21 j 11:04	16° $\mathring{\text{A}}$ 29'59	21.09379 AU	direct	-6047 Nov 03 j 10:13	10° $\mathring{\text{Z}}$ 36'08	
morning rise	-6053 Feb 06 j 01:31	17° $\mathring{\text{A}}$ 22'33		evening set	-6046 Feb 01 j 21:38	13° $\mathring{\text{Z}}$ 37'33	
retrograde	-6053 May 11 j 21:41	20° $\mathring{\text{A}}$ 29'20					
opposition	-6053 Jul 28 j 12:19	18° $\mathring{\text{A}}$ 29'40	-0°44'16	conjunction	-6046 Feb 18 j 10:34	14° $\mathring{\text{Z}}$ 33'52	-0°52'00
min. Earth dist.	-6053 Jul 27 j 19:14	18° $\mathring{\text{A}}$ 31'24	19.07906 AU	minimum elong	-6046 Feb 18 j 10:33	14° $\mathring{\text{Z}}$ 33'52	0°52'23
direct	-6053 Oct 11 j 05:41	16° $\mathring{\text{A}}$ 33'15		max. Earth dist.	-6046 Feb 18 j 18:05	14° $\mathring{\text{Z}}$ 34'56	20.79756 AU
evening set	-6052 Jan 08 j 16:24	19° $\mathring{\text{A}}$ 30'35		morning rise	-6046 Mar 07 j 02:24	15° $\mathring{\text{Z}}$ 30'37	
				retrograde	-6046 Jun 09 j 16:45	18° $\mathring{\text{Z}}$ 39'42	
conjunction	-6052 Jan 24 j 23:20	20° $\mathring{\text{A}}$ 25'32	-0°41'15	opposition	-6046 Aug 25 j 03:48	16° $\mathring{\text{Z}}$ 39'17	-0°58'09
minimum elong	-6052 Jan 24 j 23:20	20° $\mathring{\text{A}}$ 25'32	0°41'38	min. Earth dist.	-6046 Aug 24 j 22:22	16° $\mathring{\text{Z}}$ 39'51	18.77049 AU
max. Earth dist.	-6052 Jan 25 j 18:20	20° $\mathring{\text{A}}$ 28'13	21.06258 AU	direct	-6046 Nov 07 j 17:14	14° $\mathring{\text{Z}}$ 40'54	
morning rise	-6052 Feb 10 j 10:11	21° $\mathring{\text{A}}$ 21'02		evening set	-6045 Feb 06 j 09:28	17° $\mathring{\text{Z}}$ 43'17	
retrograde	-6052 May 15 j 05:46	24° $\mathring{\text{A}}$ 28'01					
opposition	-6052 Jul 31 j 17:24	22° $\mathring{\text{A}}$ 28'12	-0°46'57	conjunction	-6045 Feb 22 j 23:06	18° $\mathring{\text{Z}}$ 39'51	-0°52'58
min. Earth dist.	-6052 Jul 31 j 01:33	22° $\mathring{\text{A}}$ 29'49	19.04550 AU	minimum elong	-6045 Feb 22 j 23:06	18° $\mathring{\text{Z}}$ 39'51	0°53'21
direct	-6052 Oct 14 j 10:19	20° $\mathring{\text{A}}$ 31'33		max. Earth dist.	-6045 Feb 23 j 03:05	18° $\mathring{\text{Z}}$ 40'25	20.74242 AU
evening set	-6051 Jan 11 j 23:36	23° $\mathring{\text{A}}$ 29'21		morning rise	-6045 Mar 11 j 15:47	19° $\mathring{\text{Z}}$ 36'51	
				retrograde	-6045 Jun 14 j 04:05	22° $\mathring{\text{Z}}$ 46'27	
conjunction	-6051 Jan 28 j 07:24	24° $\mathring{\text{A}}$ 24'28	-0°43'35	opposition	-6045 Aug 29 j 10:45	20° $\mathring{\text{Z}}$ 45'57	-0°59'05
minimum elong	-6051 Jan 28 j 07:24	24° $\mathring{\text{A}}$ 24'28	0°43'58	min. Earth dist.	-6045 Aug 29 j 08:05	20° $\mathring{\text{Z}}$ 46'14	18.71372 AU
max. Earth dist.	-6051 Jan 28 j 23:34	24° $\mathring{\text{A}}$ 26'45	21.02699 AU	direct	-6045 Nov 11 j 23:32	18° $\mathring{\text{Z}}$ 47'15	
morning rise	-6051 Feb 13 j 19:21	25° $\mathring{\text{A}}$ 20'09		evening set	-6044 Feb 10 j 22:03	21° $\mathring{\text{Z}}$ 50'41	
retrograde	-6051 May 19 j 14:12	28° $\mathring{\text{A}}$ 27'23					
opposition	-6051 Aug 04 j 22:41	26° $\mathring{\text{A}}$ 27'25	-0°49'26	conjunction	-6044 Feb 27 j 12:43	22° $\mathring{\text{Z}}$ 47'33	-0°53'40
min. Earth dist.	-6051 Aug 04 j 08:51	26° $\mathring{\text{A}}$ 28'50	19.00796 AU	minimum elong	-6044 Feb 27 j 12:43	22° $\mathring{\text{Z}}$ 47'33	0°54'02
direct	-6051 Oct 18 j 14:15	24° $\mathring{\text{A}}$ 30'28		max. Earth dist.	-6044 Feb 27 j 15:18	22° $\mathring{\text{Z}}$ 47'55	20.68391 AU
evening set	-6050 Jan 16 j 07:23	27° $\mathring{\text{A}}$ 28'50		morning rise	-6044 Mar 15 j 05:50	23° $\mathring{\text{Z}}$ 44'48	
				retrograde	-6044 Jun 17 j 16:51	26° $\mathring{\text{Z}}$ 54'54	
conjunction	-6050 Feb 01 j 16:22	28° $\mathring{\text{A}}$ 24'10	-0°45'43	opposition	-6044 Sep 01 j 18:13	24° $\mathring{\text{Z}}$ 54'22	-0°59'43
minimum elong	-6050 Feb 01 j 16:22	28° $\mathring{\text{A}}$ 24'10	0°46'05	min. Earth dist.	-6044 Sep 01 j 17:06	24° $\mathring{\text{Z}}$ 54'29	18.65339 AU
max. Earth dist.	-6050 Feb 02 j 07:53	28° $\mathring{\text{A}}$ 26'22	20.98753 AU	direct	-6044 Nov 15 j 07:23	22° $\mathring{\text{Z}}$ 55'20	
morning rise	-6050 Feb 18 j 05:02	29° $\mathring{\text{A}}$ 20'02		evening set	-6043 Feb 14 j 11:36	25° $\mathring{\text{Z}}$ 59'51	
	-6050 Mar 02 j 13:20	0° $\mathring{\text{Z}}$					
retrograde	-6050 May 23 j 23:16	2° $\mathring{\text{Z}}$ 27'33		conjunction	-6043 Mar 03 j 02:56	26° $\mathring{\text{Z}}$ 57'00	-0°54'04
opposition	-6050 Aug 09 j 03:51	0° $\mathring{\text{Z}}$ 27'28	-0°51'41	minimum elong	-6043 Mar 03 j 02:56	26° $\mathring{\text{Z}}$ 57'00	0°54'25
min. Earth dist.	-6050 Aug 08 j 15:15	0° $\mathring{\text{Z}}$ 28'46	18.96668 AU	max. Earth dist.	-6043 Mar 03 j 01:42	26° $\mathring{\text{Z}}$ 56'50	20.62180 AU
	-6050 Aug 20 j 09:41	30° $\mathring{\text{R}}$ $\mathring{\text{A}}$		morning rise	-6043 Mar 19 j 20:47	27° $\mathring{\text{Z}}$ 54'31	
direct	-6050 Oct 22 j 19:29	28° $\mathring{\text{A}}$ 30'14			-6043 May 01 j 05:34	0° $\mathring{\approx}$	
	-6050 Dec 22 j 14:03	0° $\mathring{\text{Z}}$		retrograde	-6043 Jun 22 j 05:38	1° $\mathring{\approx}$ 05'11	
evening set	-6049 Jan 20 j 15:59	1° $\mathring{\text{Z}}$ 29'14			-6043 Aug 14 j 04:32	30° $\mathring{\text{R}}$ $\mathring{\text{Z}}$	
				opposition	-6043 Sep 06 j 02:24	29° $\mathring{\text{Z}}$ 04'32	-1°00'02
conjunction	-6049 Feb 06 j 01:50	2° $\mathring{\text{Z}}$ 24'47	-0°47'38	min. Earth dist.	-6043 Sep 06 j 04:16	29° $\mathring{\text{Z}}$ 04'20	18.58945 AU
minimum elong	-6049 Feb 06 j 01:50	2° $\mathring{\text{Z}}$ 24'47	0°48'01	direct	-6043 Nov 19 j 15:30	27° $\mathring{\text{Z}}$ 05'07	
max. Earth dist.	-6049 Feb 06 j 14:18	2° $\mathring{\text{Z}}$ 26'33	20.94464 AU		-6042 Feb 15 j 21:10	0° $\mathring{\approx}$	
morning rise	-6049 Feb 22 j 15:31	3° $\mathring{\text{Z}}$ 20'52		evening set	-6042 Feb 19 j 02:06	0° $\mathring{\approx}$ 10'47	
retrograde	-6049 May 28 j 08:29	6° $\mathring{\text{Z}}$ 28'42					
opposition	-6049 Aug 13 j 09:27	4° $\mathring{\text{Z}}$ 28'30	-0°53'41	conjunction	-6042 Mar 07 j 18:26	1° $\mathring{\approx}$ 08'15	-0°54'12
min. Earth dist.	-6049 Aug 12 j 23:01	4° $\mathring{\text{Z}}$ 29'35	18.92221 AU	minimum elong	-6042 Mar 07 j 18:26	1° $\mathring{\approx}$ 08'15	0°54'32
direct	-6049 Oct 26 j 23:22	2° $\mathring{\text{Z}}$ 30'58		max. Earth dist.	-6042 Mar 07 j 15:29	1° $\mathring{\approx}$ 07'49	20.55601 AU
evening set	-6048 Jan 25 j 01:01	5° $\mathring{\text{Z}}$ 30'42		morning rise	-6042 Mar 24 j 12:38	2° $\mathring{\approx}$ 06'02	
				retrograde	-6042 Jun 26 j 19:18	5° $\mathring{\approx}$ 17'14	
conjunction	-6048 Feb 10 j 11:59	6° $\mathring{\text{Z}}$ 26'29	-0°49'20	opposition	-6042 Sep 10 j 10:55	3° $\mathring{\approx}$ 16'28	-1°00'01
minimum elong	-6048 Feb 10 j 11:59	6° $\mathring{\text{Z}}$ 26'29	0°49'42	min. Earth dist.	-6042 Sep 10 j 14:22	3° $\mathring{\approx}$ 16'06	18.52180 AU
max. Earth dist.	-6048 Feb 10 j 23:42	6° $\mathring{\text{Z}}$ 28'09	20.89855 AU	direct	-6042 Nov 24 j 00:57	1° $\mathring{\approx}$ 16'39	
morning rise	-6048 Feb 27 j 02:17	7° $\mathring{\text{Z}}$ 22'46		evening set	-6041 Feb 23 j 17:43	4° $\mathring{\approx}$ 23'30	
retrograde	-6048 May 31 j 18:51	10° $\mathring{\text{Z}}$ 30'59					
opposition	-6048 Aug 16 j 15:10	8° $\mathring{\text{Z}}$ 30'42	-0°55'27	conjunction	-6041 Mar 12 j 10:37	5° $\mathring{\approx}$ 21'16	-0°54'02
min. Earth dist.	-6048 Aug 16 j 05:56	8° $\mathring{\text{Z}}$ 31'39	18.87455 AU	minimum elong	-6041 Mar 12 j 10:37	5° $\mathring{\approx}$ 21'16	0°54'21
direct	-6048 Oct 30 j 05:34	6° $\mathring{\text{Z}}$ 32'54		max. Earth dist.	-6041 Mar 12 j 03:44	5° $\mathring{\approx}$ 20'16	20.48671 AU
evening set	-6047 Jan 28 j 10:59	9° $\mathring{\text{Z}}$ 33'25		morning rise	-6041 Mar 29 j 05:24	6° $\mathring{\approx}$ 19'19	

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

retrograde	-6041 Jul 01 j 09:00	9° \approx 31'05		opposition	-6035 Oct 09 j 17:02	3° H 30'45	-0°50'44
opposition	-6041 Sep 14 j 20:14	7° \approx 30'10	-0°59'41	min. Earth dist.	-6035 Oct 10 j 10:47	3° H 28'50	18.00197 AU
min. Earth dist.	-6041 Sep 15 j 02:45	7° \approx 29'28	18.45101 AU	direct	-6035 Dec 23 j 16:00	1° H 27'43	
direct	-6041 Nov 28 j 10:30	5° \approx 29'54		evening set	-6034 Mar 27 j 06:49	4° H 43'52	
evening set	-6040 Feb 28 j 09:52	8° \approx 37'58		max. Earth dist.	-6034 Apr 12 j 05:18	5° H 40'33	19.96556 AU
conjunction	-6040 Mar 16 j 03:35	9° \approx 36'03	-0°53'33	conjunction	-6034 Apr 13 j 03:05	5° H 43'48	-0°44'29
minimum elong	-6040 Mar 16 j 03:36	9° \approx 36'03	0°53'53	minimum elong	-6034 Apr 13 j 03:05	5° H 43'48	0°44'40
max. Earth dist.	-6040 Mar 15 j 19:09	9° \approx 34'49	20.41457 AU	morning rise	-6034 Apr 29 j 22:42	6° H 43'42	
morning rise	-6040 Apr 01 j 22:36	10° \approx 34'22		retrograde	-6034 Aug 01 j 01:36	9° H 59'44	
retrograde	-6040 Jul 04 j 23:47	13° \approx 46'42		opposition	-6034 Oct 14 j 07:04	7° H 57'47	-0°48'06
opposition	-6040 Sep 18 j 05:59	11° \approx 45'37	-0°59'01	min. Earth dist.	-6034 Oct 15 j 01:21	7° H 55'49	17.92985 AU
min. Earth dist.	-6040 Sep 18 j 13:47	11° \approx 44'48	18.37766 AU	direct	-6034 Dec 28 j 09:49	5° H 54'23	
direct	-6040 Dec 01 j 22:00	9° \approx 44'55		evening set	-6033 Apr 01 j 05:38	9° H 11'57	
evening set	-6039 Mar 04 j 03:11	12° \approx 54'14		max. Earth dist.	-6033 Apr 17 j 02:12	10° H 08'37	19.89438 AU
conjunction	-6039 Mar 20 j 21:22	13° \approx 52'37	-0°52'47	conjunction	-6033 Apr 18 j 01:59	10° H 12'11	-0°41'57
minimum elong	-6039 Mar 20 j 21:23	13° \approx 52'37	0°53'05	minimum elong	-6033 Apr 18 j 02:00	10° H 12'11	0°42'07
max. Earth dist.	-6039 Mar 20 j 09:25	13° \approx 50'52	20.34030 AU	morning rise	-6033 May 04 j 21:19	11° H 12'19	
morning rise	-6039 Apr 06 j 16:49	14° \approx 51'13		retrograde	-6033 Aug 05 j 19:17	14° H 29'00	
	-6039 Apr 09 j 06:40	15° \approx		opposition	-6033 Oct 18 j 22:16	12° H 27'01	-0°45'09
retrograde	-6039 Jul 09 j 13:54	18° \approx 04'08		min. Earth dist.	-6033 Oct 19 j 18:58	12° H 24'47	17.85977 AU
opposition	-6039 Sep 22 j 16:22	16° \approx 02'52	-0°58'02	direct	-6032 Jan 02 j 01:25	10° H 23'15	
min. Earth dist.	-6039 Sep 23 j 03:09	16° \approx 01'43	18.30272 AU	evening set	-6032 Apr 05 j 05:09	13° H 42'15	
	-6039 Oct 18 j 12:58	15° \approx		max. Earth dist.	-6032 Apr 21 j 00:10	14° H 38'56	19.82540 AU
direct	-6039 Dec 06 j 08:42	14° \approx 01'40		conjunction	-6032 Apr 22 j 01:31	14° H 42'46	-0°39'09
	-6038 Jan 23 j 09:56	15° \approx		minimum elong	-6032 Apr 22 j 01:32	14° H 42'46	0°39'17
evening set	-6038 Mar 08 j 21:15	17° \approx 12'17		morning rise	-6032 May 08 j 20:37	15° H 43'08	
conjunction	-6038 Mar 25 j 16:10	18° \approx 11'00	-0°51'43	retrograde	-6032 Aug 09 j 16:14	19° H 00'28	
minimum elong	-6038 Mar 25 j 16:10	18° \approx 11'01	0°52'00	opposition	-6032 Oct 22 j 14:12	16° H 58'27	-0°41'53
max. Earth dist.	-6038 Mar 25 j 02:44	18° \approx 09'02	20.26485 AU	min. Earth dist.	-6032 Oct 23 j 11:23	16° H 56'09	17.79181 AU
morning rise	-6038 Apr 11 j 11:45	19° \approx 09'52		direct	-6031 Jan 05 j 20:47	14° H 54'20	
retrograde	-6038 Jul 14 j 06:04	22° \approx 23'23		evening set	-6031 Apr 10 j 05:48	18° H 14'46	
opposition	-6038 Sep 27 j 03:22	20° \approx 21'56	-0°56'42	max. Earth dist.	-6031 Apr 25 j 23:14	19° H 11'28	19.75834 AU
min. Earth dist.	-6038 Sep 27 j 15:10	20° \approx 20'41	18.22687 AU	conjunction	-6031 Apr 27 j 02:08	19° H 15'33	-0°36'04
direct	-6038 Dec 10 j 22:18	18° \approx 20'16		minimum elong	-6031 Apr 27 j 02:08	19° H 15'33	0°36'10
evening set	-6037 Mar 13 j 16:23	21° \approx 32'13		morning rise	-6031 May 13 j 20:41	20° H 16'08	
conjunction	-6037 Mar 30 j 11:37	22° \approx 31'15	-0°50'21	retrograde	-6031 Aug 14 j 12:04	23° H 34'06	
minimum elong	-6037 Mar 30 j 11:37	22° \approx 31'15	0°50'37	opposition	-6031 Oct 27 j 07:06	21° H 32'03	-0°38'20
max. Earth dist.	-6037 Mar 29 j 19:08	22° \approx 28'49	20.18880 AU	min. Earth dist.	-6031 Oct 28 j 06:44	21° H 29'28	17.72580 AU
morning rise	-6037 Apr 16 j 07:22	23° \approx 30'22		direct	-6030 Jan 10 j 14:30	19° H 27'35	
retrograde	-6037 Jul 18 j 20:51	26° \approx 44'30		evening set	-6030 Apr 15 j 07:25	22° H 49'25	
opposition	-6037 Oct 01 j 15:10	24° \approx 42'54	-0°55'02	max. Earth dist.	-6030 Apr 30 j 22:31	23° H 46'02	19.69332 AU
min. Earth dist.	-6037 Oct 02 j 05:43	24° \approx 41'20	18.15099 AU	conjunction	-6030 May 02 j 03:29	23° H 50'27	-0°32'44
direct	-6037 Dec 15 j 10:32	22° \approx 40'45		minimum elong	-6030 May 02 j 03:29	23° H 50'27	0°32'49
evening set	-6036 Mar 17 j 12:13	25° \approx 54'05		morning rise	-6030 May 18 j 21:38	24° H 51'14	
conjunction	-6036 Apr 03 j 07:57	26° \approx 53'25	-0°48'42	retrograde	-6030 Aug 19 j 10:22	28° H 09'49	
minimum elong	-6036 Apr 03 j 07:57	26° \approx 53'25	0°48'55	opposition	-6030 Nov 01 j 00:58	26° H 07'43	-0°34'30
max. Earth dist.	-6036 Apr 02 j 14:09	26° \approx 50'47	20.11320 AU	min. Earth dist.	-6030 Nov 02 j 01:08	26° H 05'05	17.66176 AU
morning rise	-6036 Apr 20 j 03:42	27° \approx 52'48		direct	-6029 Jan 15 j 11:40	24° H 02'55	
	-6036 May 31 j 19:12	0° H		evening set	-6029 Apr 20 j 09:42	27° H 26'05	
retrograde	-6036 Jul 22 j 14:22	1° H 07'33		max. Earth dist.	-6029 May 05 j 23:36	28° H 22'47	19.63014 AU
	-6036 Sep 13 j 09:05	30° \approx		conjunction	-6029 May 07 j 05:32	28° H 27'21	-0°29'10
opposition	-6036 Oct 05 j 03:36	29° \approx 05'48	-0°53'03	minimum elong	-6029 May 07 j 05:32	28° H 27'21	0°29'12
min. Earth dist.	-6036 Oct 05 j 18:49	29° \approx 04'10	18.07582 AU	morning rise	-6029 May 23 j 22:53	29° H 28'19	
direct	-6036 Dec 19 j 02:12	27° \approx 03'13			-6029 Jun 01 j 22:50	0° Y	
	-6035 Mar 17 j 04:15	0° H		retrograde	-6029 Aug 24 j 07:38	2° Y 47'28	
evening set	-6035 Mar 22 j 09:01	0° H 17'55		opposition	-6029 Nov 05 j 19:54	0° Y 45'19	-0°30'25
max. Earth dist.	-6035 Apr 07 j 08:40	1° H 14'33	20.03856 AU	min. Earth dist.	-6029 Nov 06 j 22:07	0° Y 42'28	17.59971 AU
conjunction	-6035 Apr 08 j 05:00	1° H 17'34	-0°46'44		-6029 Nov 23 j 12:40	30° \approx	
minimum elong	-6035 Apr 08 j 05:00	1° H 17'34	0°46'57	direct	-6028 Jan 20 j 07:30	28° H 40'11	
morning rise	-6035 Apr 25 j 00:45	2° H 17'13			-6028 Mar 16 j 15:07	0° Y	
retrograde	-6035 Jul 27 j 06:19	5° H 32'36		evening set	-6028 Apr 24 j 12:46	2° Y 04'38	

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Attention, astronomical year style is used: The year -6028 in astronomical counting style is the year 6029 BCE in historical counting style.

max. Earth dist.	-6028 May 10 j 00:01	3° Υ 01'10	19.56931 AU	asc. node	-6022 May 15 j 23:13	29° Υ 54'39	
					-6022 May 17 j 11:19	0° \mathcal{B}	
conjunction	-6028 May 11 j 08:04	3° Υ 06'06	-0°25'23	evening set	-6022 May 24 j 16:19	0° \mathcal{B} 26'08	
minimum elong	-6028 May 11 j 08:05	3° Υ 06'06	0°25'24	max. Earth dist.	-6022 Jun 08 j 20:51	1° \mathcal{B} 22'55	19.28378 AU
morning rise	-6028 May 28 j 00:53	4° Υ 07'14					
retrograde	-6028 Aug 28 j 06:36	7° Υ 26'55		conjunction	-6022 Jun 10 j 07:04	1° \mathcal{B} 28'18	0°00'19
opposition	-6028 Nov 09 j 15:29	5° Υ 24'41	-0°26'06	minimum elong	-6022 Jun 10 j 07:03	1° \mathcal{B} 28'17	0°00'29
min. Earth dist.	-6028 Nov 10 j 18:05	5° Υ 21'46	17.54020 AU	behind sun begin	-6022 Jun 10 j 00:20	1° \mathcal{B} 27'16	
direct	-6027 Jan 24 j 06:31	3° Υ 19'12		behind sun end	-6022 Jun 10 j 13:47	1° \mathcal{B} 29'19	
evening set	-6027 Apr 29 j 16:19	6° Υ 44'52		morning rise	-6022 Jun 26 j 17:51	2° \mathcal{B} 29'53	
max. Earth dist.	-6027 May 15 j 02:59	7° Υ 41'32	19.51110 AU	retrograde	-6022 Sep 26 j 02:03	5° \mathcal{B} 51'57	
				opposition	-6022 Dec 08 j 06:19	3° \mathcal{B} 49'20	0°02'48
conjunction	-6027 May 16 j 11:19	7° Υ 46'31	-0°21'25	min. Earth dist.	-6022 Dec 09 j 11:07	3° \mathcal{B} 46'11	17.26944 AU
minimum elong	-6027 May 16 j 11:19	7° Υ 46'31	0°21'24	direct	-6021 Feb 22 j 13:42	1° \mathcal{B} 42'20	
morning rise	-6027 Jun 02 j 03:10	8° Υ 47'47		evening set	-6021 May 29 j 21:28	5° \mathcal{B} 13'30	
retrograde	-6027 Sep 02 j 04:52	12° Υ 07'57		max. Earth dist.	-6021 Jun 14 j 02:46	6° \mathcal{B} 10'34	19.25581 AU
opposition	-6027 Nov 14 j 12:06	10° Υ 05'39	-0°21'35				
min. Earth dist.	-6027 Nov 15 j 16:15	10° Υ 02'34	17.48353 AU	conjunction	-6021 Jun 15 j 11:15	6° \mathcal{B} 15'41	0°04'51
direct	-6026 Jan 29 j 04:35	7° Υ 59'50		minimum elong	-6021 Jun 15 j 11:14	6° \mathcal{B} 15'41	0°05'03
evening set	-6026 May 04 j 20:36	11° Υ 26'38		behind sun begin	-6021 Jun 15 j 04:42	6° \mathcal{B} 14'41	
max. Earth dist.	-6026 May 20 j 04:33	12° Υ 23'09	19.45620 AU	behind sun end	-6021 Jun 15 j 17:47	6° \mathcal{B} 16'41	
				morning rise	-6021 Jul 01 j 20:44	7° \mathcal{B} 17'16	
conjunction	-6026 May 21 j 14:47	12° Υ 28'27	-0°17'17	retrograde	-6021 Oct 01 j 02:49	10° \mathcal{B} 39'36	
minimum elong	-6026 May 21 j 14:48	12° Υ 28'27	0°17'13	opposition	-6021 Dec 13 j 07:18	8° \mathcal{B} 37'02	0°07'49
morning rise	-6026 Jun 07 j 05:55	13° Υ 29'50		min. Earth dist.	-6021 Dec 14 j 11:02	8° \mathcal{B} 33'59	17.24482 AU
retrograde	-6026 Sep 07 j 04:02	16° Υ 50'28		direct	-6020 Feb 27 j 17:48	6° \mathcal{B} 29'58	
opposition	-6026 Nov 19 j 09:22	14° Υ 48'04	-0°16'54	evening set	-6020 Jun 03 j 02:54	10° \mathcal{B} 01'43	
min. Earth dist.	-6026 Nov 20 j 13:45	14° Υ 44'57	17.43058 AU	max. Earth dist.	-6020 Jun 18 j 07:09	10° \mathcal{B} 58'46	19.23469 AU
direct	-6025 Feb 03 j 05:30	12° Υ 41'55					
evening set	-6025 May 10 j 01:06	16° Υ 09'47		conjunction	-6020 Jun 19 j 15:26	11° \mathcal{B} 03'52	0°09'18
max. Earth dist.	-6025 May 25 j 09:09	17° Υ 06'30	19.40528 AU	minimum elong	-6020 Jun 19 j 15:26	11° \mathcal{B} 03'52	0°09'31
				behind sun begin	-6020 Jun 19 j 09:51	11° \mathcal{B} 03'01	
conjunction	-6025 May 26 j 18:44	17° Υ 11'44	-0°13'01	behind sun end	-6020 Jun 19 j 21:00	11° \mathcal{B} 04'44	
minimum elong	-6025 May 26 j 18:44	17° Υ 11'44	0°12'57	morning rise	-6020 Jul 05 j 23:42	12° \mathcal{B} 05'26	
behind sun begin	-6025 May 26 j 14:43	17° Υ 11'07			-6020 Sep 03 j 16:56	15° \mathcal{B}	
behind sun end	-6025 May 26 j 22:45	17° Υ 12'21		retrograde	-6020 Oct 05 j 02:56	15° \mathcal{B} 27'59	
morning rise	-6025 Jun 12 j 08:44	18° Υ 13'12			-6020 Nov 06 j 05:35	15° $\mathcal{R}\mathcal{B}$	
retrograde	-6025 Sep 12 j 03:05	21° Υ 34'14		opposition	-6020 Dec 17 j 08:47	13° \mathcal{B} 25'29	0°12'47
opposition	-6025 Nov 24 j 07:35	19° Υ 31'46	-0°12'06	min. Earth dist.	-6020 Dec 18 j 12:23	13° \mathcal{B} 22'28	17.22723 AU
min. Earth dist.	-6025 Nov 25 j 12:40	19° Υ 28'34	17.38195 AU	direct	-6019 Mar 03 j 21:19	11° \mathcal{B} 18'25	
direct	-6024 Feb 08 j 05:33	17° Υ 25'21		evening set	-6019 Jun 08 j 08:15	14° \mathcal{B} 50'39	
evening set	-6024 May 14 j 05:53	20° Υ 54'10			-6019 Jun 10 j 20:38	15° \mathcal{B}	
max. Earth dist.	-6024 May 29 j 11:41	21° Υ 50'46	19.35915 AU				
				conjunction	-6019 Jun 24 j 19:37	15° \mathcal{B} 52'46	0°13'43
conjunction	-6024 May 30 j 22:33	21° Υ 56'13	-0°08'40	minimum elong	-6019 Jun 24 j 19:38	15° \mathcal{B} 52'46	0°13'57
minimum elong	-6024 May 30 j 22:33	21° Υ 56'13	0°08'33	behind sun begin	-6019 Jun 24 j 16:16	15° \mathcal{B} 52'15	
behind sun begin	-6024 May 30 j 16:41	21° Υ 55'19		behind sun end	-6019 Jun 24 j 22:59	15° \mathcal{B} 53'17	
behind sun end	-6024 May 31 j 04:26	21° Υ 57'06		max. Earth dist.	-6019 Jun 23 j 12:58	15° \mathcal{B} 47'55	19.22053 AU
morning rise	-6024 Jun 16 j 11:41	22° Υ 57'45		morning rise	-6019 Jul 11 j 02:37	16° \mathcal{B} 54'16	
retrograde	-6024 Sep 16 j 02:37	26° Υ 19'11		retrograde	-6019 Oct 10 j 05:20	20° \mathcal{B} 17'00	
opposition	-6024 Nov 28 j 06:25	24° Υ 16'37	-0°07'11	opposition	-6019 Dec 22 j 10:55	18° \mathcal{B} 14'37	0°17'40
min. Earth dist.	-6024 Nov 29 j 11:33	24° Υ 13'26	17.33852 AU	min. Earth dist.	-6019 Dec 23 j 12:57	18° \mathcal{B} 11'47	17.21626 AU
direct	-6023 Feb 12 j 08:02	22° Υ 09'57		direct	-6018 Mar 09 j 02:36	16° \mathcal{B} 07'36	
evening set	-6023 May 19 j 10:55	25° Υ 39'39		evening set	-6018 Jun 13 j 13:31	19° \mathcal{B} 40'11	
max. Earth dist.	-6023 Jun 03 j 17:14	26° Υ 36'31	19.31844 AU				
				conjunction	-6018 Jun 29 j 23:34	20° \mathcal{B} 42'14	0°18'02
conjunction	-6023 Jun 05 j 02:51	26° Υ 41'47	-0°04'15	minimum elong	-6018 Jun 29 j 23:34	20° \mathcal{B} 42'14	0°18'19
minimum elong	-6023 Jun 05 j 02:50	26° Υ 41'46	0°04'06	max. Earth dist.	-6018 Jun 28 j 17:53	20° \mathcal{B} 37'31	19.21279 AU
behind sun begin	-6023 Jun 04 j 20:11	26° Υ 40'45		morning rise	-6018 Jul 16 j 05:10	21° \mathcal{B} 43'39	
behind sun end	-6023 Jun 05 j 09:29	26° Υ 42'47		retrograde	-6018 Oct 15 j 05:48	25° \mathcal{B} 06'31	
morning rise	-6023 Jun 21 j 14:43	27° Υ 43'21		opposition	-6018 Dec 27 j 13:44	23° \mathcal{B} 04'16	0°22'27
	-6023 Aug 03 j 05:43	0° \mathcal{B}		min. Earth dist.	-6018 Dec 28 j 15:41	23° \mathcal{B} 01'27	17.21175 AU
retrograde	-6023 Sep 21 j 02:15	1° \mathcal{B} 05'06		direct	-6017 Mar 14 j 05:46	20° \mathcal{B} 57'20	
	-6023 Nov 10 j 12:08	30° $\mathcal{R}\Upsilon$		evening set	-6017 Jun 18 j 18:35	24° \mathcal{B} 30'08	
opposition	-6023 Dec 03 j 05:57	29° Υ 02'31	-0°02'12	max. Earth dist.	-6017 Jul 03 j 22:58	25° \mathcal{B} 27'34	19.21138 AU
min. Earth dist.	-6023 Dec 04 j 10:56	28° Υ 59'20	17.30073 AU				
direct	-6022 Feb 17 j 10:13	26° Υ 55'39		conjunction	-6017 Jul 05 j 03:18	25° \mathcal{B} 32'04	0°22'15

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Attention, astronomical year style is used: The year -6017 in astronomical counting style is the year 6018 BCE in historical counting style.

minimum elong	-6017 Jul 05 j 03:17	25° 8 32'04	0°22'32	evening set	-6010 Jul 22 j 15:28	28° II 09'28	
morning rise	-6017 Jul 21 j 07:38	26° 8 33'22					
retrograde	-6017 Oct 20 j 09:23	29° 8 56'20		conjunction	-6010 Aug 07 j 14:50	29° II 09'53	0°45'44
opposition	-6016 Jan 01 j 16:51	27° 8 54'11	0°27'05	minimum elong	-6010 Aug 07 j 14:50	29° II 09'53	0°46'07
min. Earth dist.	-6016 Jan 02 j 16:48	27° 8 51'35	17.21323 AU	max. Earth dist.	-6010 Aug 07 j 00:27	29° II 07'37	19.35227 AU
direct	-6016 Mar 18 j 11:54	25° 8 47'23			-6010 Aug 20 j 19:34	0° 8	
evening set	-6016 Jun 22 j 23:15	29° 8 20'15		morning rise	-6010 Aug 23 j 10:24	0° 8 09'47	
	-6016 Jul 03 j 12:07	0° II		retrograde	-6010 Nov 22 j 10:45	3° 8 31'24	
max. Earth dist.	-6016 Jul 08 j 04:02	0° II 17'48	19.21566 AU	opposition	-6009 Feb 04 j 20:08	1° 8 29'46	0°52'17
				min. Earth dist.	-6009 Feb 05 j 08:57	1° 8 28'24	17.37251 AU
conjunction	-6016 Jul 09 j 06:41	0° II 22'03	0°26'18		-6009 Mar 15 j 23:48	30° R II	
minimum elong	-6016 Jul 09 j 06:40	0° II 22'02	0°26'38	direct	-6009 Apr 23 j 02:48	29° II 24'12	
morning rise	-6016 Jul 25 j 09:37	1° II 23'13			-6009 May 30 j 05:06	0° 8	
retrograde	-6016 Oct 24 j 09:32	4° II 46'10		evening set	-6009 Jul 27 j 15:21	2° 8 53'33	
opposition	-6015 Jan 05 j 20:30	2° II 44'09	0°31'31				
min. Earth dist.	-6015 Jan 06 j 20:18	2° II 41'34	17.22031 AU	conjunction	-6009 Aug 12 j 13:20	3° 8 53'41	0°47'57
direct	-6015 Mar 23 j 15:21	0° II 37'28		minimum elong	-6009 Aug 12 j 13:19	3° 8 53'41	0°48'20
evening set	-6015 Jun 28 j 03:41	4° II 10'15		max. Earth dist.	-6009 Aug 12 j 00:30	3° 8 51'39	19.39380 AU
max. Earth dist.	-6015 Jul 13 j 07:59	5° II 07'48	19.22546 AU	morning rise	-6009 Aug 28 j 08:01	4° 8 53'19	
				retrograde	-6009 Nov 27 j 09:54	8° 8 14'32	
conjunction	-6015 Jul 14 j 09:38	5° II 11'53	0°30'11	opposition	-6008 Feb 09 j 23:23	6° 8 12'57	0°54'33
minimum elong	-6015 Jul 14 j 09:38	5° II 11'53	0°30'30	min. Earth dist.	-6008 Feb 10 j 09:22	6° 8 11'53	17.41695 AU
morning rise	-6015 Jul 30 j 11:21	6° II 12'53		direct	-6008 Apr 27 j 06:34	4° 8 07'40	
retrograde	-6015 Oct 29 j 12:31	9° II 35'47		evening set	-6008 Jul 31 j 14:07	7° 8 36'03	
opposition	-6014 Jan 11 j 00:16	7° II 33'51	0°35'43				
min. Earth dist.	-6014 Jan 11 j 21:43	7° II 31'32	17.23266 AU	conjunction	-6008 Aug 16 j 11:05	8° 8 35'53	0°49'49
direct	-6014 Mar 28 j 22:32	5° II 27'20		minimum elong	-6008 Aug 16 j 11:05	8° 8 35'53	0°50'12
evening set	-6014 Jul 03 j 07:32	8° II 59'53		max. Earth dist.	-6008 Aug 16 j 02:01	8° 8 34'27	19.44105 AU
				morning rise	-6008 Sep 01 j 04:41	9° 8 35'15	
conjunction	-6014 Jul 19 j 12:13	10° II 01'19	0°33'50	retrograde	-6008 Dec 01 j 08:03	12° 8 56'00	
minimum elong	-6014 Jul 19 j 12:13	10° II 01'19	0°34'10	opposition	-6007 Feb 14 j 02:25	10° 8 54'33	0°56'27
max. Earth dist.	-6014 Jul 18 j 12:58	9° II 57'37	19.24040 AU	min. Earth dist.	-6007 Feb 14 j 09:58	10° 8 53'45	17.46687 AU
morning rise	-6014 Aug 04 j 12:29	11° II 02'08		direct	-6007 May 02 j 10:15	8° 8 49'37	
retrograde	-6014 Nov 03 j 11:56	14° II 24'54		evening set	-6007 Aug 05 j 12:06	12° 8 16'57	
opposition	-6013 Jan 16 j 04:27	12° II 23'03	0°39'40				
min. Earth dist.	-6013 Jan 17 j 01:23	12° II 20'48	17.25019 AU	conjunction	-6007 Aug 21 j 07:46	13° 8 16'28	0°51'22
direct	-6013 Apr 03 j 02:51	10° II 16'42		minimum elong	-6007 Aug 21 j 07:46	13° 8 16'28	0°51'44
evening set	-6013 Jul 08 j 10:41	13° II 48'52		max. Earth dist.	-6007 Aug 21 j 00:33	13° 8 15'20	19.49374 AU
				morning rise	-6007 Sep 06 j 00:37	14° 8 15'34	
conjunction	-6013 Jul 24 j 13:52	14° II 50'05	0°37'14	retrograde	-6007 Dec 06 j 06:13	17° 8 35'52	
minimum elong	-6013 Jul 24 j 13:51	14° II 50'05	0°37'35	opposition	-6006 Feb 19 j 05:04	15° 8 34'32	0°57'58
max. Earth dist.	-6013 Jul 23 j 15:38	14° II 46'33	19.26058 AU	min. Earth dist.	-6006 Feb 19 j 09:59	15° 8 34'01	17.52223 AU
morning rise	-6013 Aug 09 j 13:03	15° II 50'41		direct	-6006 May 07 j 12:00	13° 8 29'59	
retrograde	-6013 Nov 08 j 13:44	19° II 13'17		evening set	-6006 Aug 10 j 09:00	16° 8 56'14	
opposition	-6012 Jan 21 j 08:29	17° II 11'29	0°43'19				
min. Earth dist.	-6012 Jan 22 j 02:49	17° II 09'31	17.27288 AU	conjunction	-6006 Aug 26 j 03:46	17° 8 55'26	0°52'34
direct	-6012 Apr 07 j 10:43	15° II 05'17		minimum elong	-6006 Aug 26 j 03:46	17° 8 55'26	0°52'57
evening set	-6012 Jul 12 j 13:06	18° II 36'57		max. Earth dist.	-6006 Aug 26 j 00:11	17° 8 54'52	19.55165 AU
				morning rise	-6006 Sep 10 j 19:42	18° 8 54'14	
conjunction	-6012 Jul 28 j 15:07	19° II 37'55	0°40'22	retrograde	-6006 Dec 11 j 04:06	22° 8 14'03	
minimum elong	-6012 Jul 28 j 15:06	19° II 37'55	0°40'43	opposition	-6005 Feb 24 j 07:15	20° 8 12'54	0°59'05
max. Earth dist.	-6012 Jul 27 j 19:55	19° II 34'52	19.28583 AU	min. Earth dist.	-6005 Feb 24 j 09:20	20° 8 12'41	17.58233 AU
morning rise	-6012 Aug 13 j 12:55	20° II 38'18		direct	-6005 May 12 j 14:27	18° 8 08'48	
retrograde	-6012 Nov 12 j 12:04	24° II 00'37		evening set	-6005 Aug 15 j 04:58	21° 8 33'52	
opposition	-6011 Jan 25 j 12:27	21° II 58'53	0°46'39				
min. Earth dist.	-6011 Jan 26 j 05:50	21° II 57'01	17.30068 AU	conjunction	-6005 Aug 30 j 22:40	22° 8 32'45	0°53'25
direct	-6011 Apr 12 j 15:42	19° II 52'53		minimum elong	-6005 Aug 30 j 22:40	22° 8 32'45	0°53'46
evening set	-6011 Jul 17 j 14:53	23° II 23'53		max. Earth dist.	-6005 Aug 30 j 21:06	22° 8 32'30	19.61390 AU
				morning rise	-6005 Sep 15 j 14:02	23° 8 31'17	
conjunction	-6011 Aug 02 j 15:23	24° II 24'35	0°43'12	retrograde	-6005 Dec 16 j 01:16	26° 8 50'36	
minimum elong	-6011 Aug 02 j 15:23	24° II 24'35	0°43'35	opposition	-6004 Feb 29 j 08:57	24° 8 49'37	0°59'49
max. Earth dist.	-6011 Aug 01 j 21:21	24° II 21'43	19.31636 AU	min. Earth dist.	-6004 Feb 29 j 08:57	24° 8 49'37	17.64655 AU
morning rise	-6011 Aug 18 j 12:13	25° II 24'44		direct	-6004 May 16 j 14:35	22° 8 45'58	
retrograde	-6011 Nov 17 j 12:30	28° II 46'44		evening set	-6004 Aug 18 j 23:59	26° 8 09'50	
opposition	-6010 Jan 30 j 16:19	26° II 45'02	0°49'39				
min. Earth dist.	-6010 Jan 31 j 06:56	26° II 43'28	17.33388 AU	conjunction	-6004 Sep 03 j 16:53	27° 8 08'24	0°53'55
direct	-6010 Apr 17 j 22:08	24° II 39'14		minimum elong	-6004 Sep 03 j 16:53	27° 8 08'24	0°54'16

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Attention, astronomical year style is used: The year -6004 in astronomical counting style is the year 6005 BCE in historical counting style.

max. Earth dist.	-6004 Sep 03 j 18:25	27° 28 08'38	19.67981 AU	min. Earth dist.	-5997 Apr 02 j 10:21	26° 28 15'47	18.14311 AU
morning rise	-6004 Sep 19 j 07:34	28° 28 06'38		opposition	-5997 Apr 03 j 02:08	26° 28 14'10	0°54'31
	-6004 Oct 23 j 13:31	0° 28		direct	-5997 Jun 19 j 03:09	24° 28 13'33	
retrograde	-6004 Dec 19 j 22:09	1° 28 25'25		evening set	-5997 Sep 19 j 10:25	27° 28 27'46	
	-6003 Feb 19 j 01:20	30° 28					
opposition	-6003 Mar 05 j 09:56	29° 28 24'38	1°00'10	conjunction	-5997 Oct 04 j 23:35	28° 28 24'09	0°48'11
min. Earth dist.	-6003 Mar 05 j 06:58	29° 28 24'56	17.71381 AU	minimum elong	-5997 Oct 04 j 23:35	28° 28 24'09	0°48'25
direct	-6003 May 21 j 15:55	27° 28 21'28		max. Earth dist.	-5997 Oct 05 j 16:09	28° 28 26'40	20.17884 AU
	-6003 Aug 11 j 09:00	0° 28		morning rise	-5997 Oct 20 j 12:44	29° 28 20'33	
evening set	-6003 Aug 23 j 18:11	0° 28 44'03			-5997 Oct 31 j 20:47	0° 28	
				retrograde	-5996 Jan 20 j 23:48	2° 28 35'00	
conjunction	-6003 Sep 08 j 10:11	1° 28 42'18	0°54'04	opposition	-5996 Apr 06 j 21:55	0° 28 34'55	0°52'25
minimum elong	-6003 Sep 08 j 10:11	1° 28 42'18	0°54'25	min. Earth dist.	-5996 Apr 06 j 05:16	0° 28 36'36	18.21474 AU
max. Earth dist.	-6003 Sep 08 j 13:46	1° 28 42'51	19.74837 AU		-5996 Apr 21 j 09:28	30° 28	
morning rise	-6003 Sep 24 j 00:24	2° 28 40'15		direct	-5996 Jun 22 j 20:18	28° 28 34'39	
retrograde	-6003 Dec 24 j 18:11	5° 28 58'30			-5996 Aug 20 j 11:04	0° 28	
opposition	-6002 Mar 10 j 10:38	3° 28 57'52	1°00'08	evening set	-5996 Sep 22 j 21:41	1° 28 47'26	
min. Earth dist.	-6002 Mar 10 j 06:02	3° 28 58'21	17.78354 AU				
direct	-6002 May 26 j 14:38	1° 28 55'11		conjunction	-5996 Oct 08 j 10:37	2° 28 43'32	0°46'12
evening set	-6002 Aug 28 j 11:15	5° 28 16'27		minimum elong	-5996 Oct 08 j 10:37	2° 28 43'32	0°46'24
				max. Earth dist.	-5996 Oct 09 j 04:43	2° 28 46'17	20.25039 AU
conjunction	-6002 Sep 13 j 02:35	6° 28 14'22	0°53'53	morning rise	-5996 Oct 23 j 23:56	3° 28 39'41	
minimum elong	-6002 Sep 13 j 02:35	6° 28 14'22	0°54'12	retrograde	-5995 Jan 24 j 14:55	6° 28 53'29	
max. Earth dist.	-6002 Sep 13 j 08:47	6° 28 15'19	19.81898 AU	opposition	-5995 Apr 11 j 16:36	4° 28 53'26	0°50'04
morning rise	-6002 Sep 28 j 16:21	7° 28 12'03		min. Earth dist.	-5995 Apr 10 j 20:56	4° 28 55'26	18.28620 AU
retrograde	-6002 Dec 29 j 13:48	10° 28 29'43		direct	-5995 Jun 27 j 14:12	2° 28 53'31	
opposition	-6001 Mar 15 j 10:30	8° 28 29'14	0°59'42	evening set	-5995 Sep 27 j 08:04	6° 28 04'55	
min. Earth dist.	-6001 Mar 15 j 02:50	8° 28 30'02	17.85474 AU				
direct	-6001 May 31 j 15:00	6° 28 27'02		conjunction	-5995 Oct 12 j 20:57	7° 28 00'46	0°43'59
evening set	-6001 Sep 02 j 03:32	9° 28 46'55		minimum elong	-5995 Oct 12 j 20:58	7° 28 00'46	0°44'09
				max. Earth dist.	-5995 Oct 13 j 17:39	7° 28 03'53	20.32172 AU
conjunction	-6001 Sep 17 j 18:12	10° 28 44'31	0°53'22	morning rise	-5995 Oct 28 j 10:25	7° 28 56'42	
minimum elong	-6001 Sep 17 j 18:12	10° 28 44'31	0°53'40	retrograde	-5994 Jan 29 j 03:18	11° 28 09'51	
max. Earth dist.	-6001 Sep 18 j 02:27	10° 28 45'47	19.89063 AU	opposition	-5994 Apr 16 j 10:38	9° 28 09'52	0°47'27
morning rise	-6001 Oct 03 j 07:40	11° 28 41'56		min. Earth dist.	-5994 Apr 15 j 14:02	9° 28 11'57	18.35755 AU
retrograde	-6000 Jan 03 j 07:47	14° 28 58'59		direct	-5994 Jul 02 j 04:57	7° 28 10'19	
opposition	-6000 Mar 19 j 09:36	12° 28 58'39	0°58'55	evening set	-5994 Oct 01 j 17:35	10° 28 20'21	
min. Earth dist.	-6000 Mar 19 j 00:49	12° 28 59'33	17.92683 AU				
direct	-6000 Jun 04 j 12:25	10° 28 56'52		conjunction	-5994 Oct 17 j 06:26	11° 28 15'57	0°41'32
evening set	-6000 Sep 05 j 18:49	14° 28 15'22		minimum elong	-5994 Oct 17 j 06:26	11° 28 15'57	0°41'41
	-6000 Sep 17 j 23:01	15° 28		max. Earth dist.	-5994 Oct 18 j 04:26	11° 28 19'15	20.39299 AU
				morning rise	-5994 Nov 01 j 20:17	12° 28 11'41	
conjunction	-6000 Sep 21 j 08:59	15° 28 12'39	0°52'31	retrograde	-5993 Feb 02 j 17:42	15° 28 24'13	
minimum elong	-6000 Sep 21 j 08:59	15° 28 12'39	0°52'48	min. Earth dist.	-5993 Apr 20 j 04:14	13° 28 26'40	18.42860 AU
max. Earth dist.	-6000 Sep 21 j 19:12	15° 28 14'14	19.96290 AU	opposition	-5993 Apr 21 j 03:36	13° 28 24'18	0°44'35
morning rise	-6000 Oct 06 j 22:13	16° 28 09'48		direct	-5993 Jul 06 j 20:22	11° 28 25'08	
retrograde	-5999 Jan 07 j 01:48	19° 28 26'14		evening set	-5993 Oct 06 j 02:24	14° 28 33'53	
opposition	-5999 Mar 24 j 07:54	17° 28 25'59	0°57'47				
min. Earth dist.	-5999 Mar 23 j 20:06	17° 28 27'12	17.99907 AU	conjunction	-5993 Oct 21 j 15:25	15° 28 29'15	0°38'53
direct	-5999 Jun 09 j 10:58	15° 28 24'38		minimum elong	-5993 Oct 21 j 15:25	15° 28 29'15	0°39'00
evening set	-5999 Sep 10 j 09:00	18° 28 41'43		max. Earth dist.	-5993 Oct 22 j 15:51	15° 28 32'54	20.46361 AU
				morning rise	-5993 Nov 06 j 05:34	16° 28 24'47	
conjunction	-5999 Sep 25 j 22:43	19° 28 38'41	0°51'22	retrograde	-5992 Feb 07 j 05:14	19° 28 36'43	
minimum elong	-5999 Sep 25 j 22:43	19° 28 38'41	0°51'39	opposition	-5992 Apr 24 j 19:41	17° 28 36'55	0°41'31
max. Earth dist.	-5999 Sep 26 j 11:08	19° 28 40'36	20.03506 AU	min. Earth dist.	-5992 Apr 23 j 19:40	17° 28 39'20	18.49880 AU
morning rise	-5999 Oct 11 j 11:48	20° 28 35'34		direct	-5992 Jul 10 j 09:22	15° 28 38'09	
retrograde	-5998 Jan 11 j 17:35	23° 28 51'22		evening set	-5992 Oct 09 j 10:34	18° 28 45'39	
opposition	-5998 Mar 29 j 05:36	21° 28 51'12	0°56'18				
min. Earth dist.	-5998 Mar 28 j 16:50	21° 28 52'30	18.07120 AU	conjunction	-5992 Oct 24 j 23:40	19° 28 40'48	0°36'02
direct	-5998 Jun 14 j 06:48	19° 28 50'13		minimum elong	-5992 Oct 24 j 23:40	19° 28 40'48	0°36'09
evening set	-5998 Sep 14 j 22:14	23° 28 05'52		max. Earth dist.	-5992 Oct 26 j 00:59	19° 28 44'34	20.53330 AU
				morning rise	-5992 Nov 09 j 14:21	20° 28 36'10	
conjunction	-5998 Sep 30 j 11:37	24° 28 02'33	0°49'55	retrograde	-5991 Feb 10 j 18:36	23° 28 47'32	
minimum elong	-5998 Sep 30 j 11:37	24° 28 02'33	0°50'10	min. Earth dist.	-5991 Apr 28 j 08:42	21° 28 50'30	18.56776 AU
max. Earth dist.	-5998 Oct 01 j 01:47	24° 28 04'42	20.10714 AU	opposition	-5991 Apr 29 j 11:01	21° 28 47'51	0°38'15
morning rise	-5998 Oct 16 j 00:44	24° 28 59'10		direct	-5991 Jul 14 j 22:31	19° 28 49'29	
retrograde	-5997 Jan 16 j 09:58	28° 28 14'18		evening set	-5991 Oct 13 j 17:56	22° 28 55'47	

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Attention, astronomical year style is used: The year -5991 in astronomical counting style is the year 5992 BCE in historical counting style.

conjunction	-5991 Oct 29 j 07:21	23° \overline{m} 50'44	0°33'01	behind sun begin	-5985 Nov 22 j 17:09	18° \underline{a} 20'26	
minimum elong	-5991 Oct 29 j 07:21	23° \overline{m} 50'44	0°33'06	behind sun end	-5985 Nov 23 j 02:06	18° \underline{a} 21'42	
max. Earth dist.	-5991 Oct 30 j 10:57	23° \overline{m} 54'49	20.60127 AU	max. Earth dist.	-5985 Nov 24 j 05:00	18° \underline{a} 25'37	20.93781 AU
morning rise	-5991 Nov 13 j 22:27	24° \overline{m} 45'56		morning rise	-5985 Dec 08 j 16:57	19° \underline{a} 15'38	
retrograde	-5990 Feb 15 j 05:33	27° \overline{m} 56'47		retrograde	-5984 Mar 11 j 18:36	22° \underline{a} 23'46	
min. Earth dist.	-5990 May 02 j 23:01	25° \overline{m} 59'54	18.63468 AU	min. Earth dist.	-5984 May 27 j 19:57	20° \underline{a} 27'27	18.95888 AU
opposition	-5990 May 04 j 01:44	25° \overline{m} 57'12	0°34'48	opposition	-5984 May 29 j 01:34	20° \underline{a} 24'29	0°11'25
direct	-5990 Jul 19 j 10:34	23° \overline{m} 59'14		direct	-5984 Aug 12 j 20:33	18° \underline{a} 28'07	
evening set	-5990 Oct 18 j 00:59	27° \overline{m} 04'24		evening set	-5984 Nov 10 j 09:55	21° \underline{a} 27'39	
conjunction	-5990 Nov 02 j 14:38	27° \overline{m} 59'09	0°29'50	conjunction	-5984 Nov 26 j 02:44	22° \underline{a} 21'40	0°08'34
minimum elong	-5990 Nov 02 j 14:38	27° \overline{m} 59'09	0°29'54	minimum elong	-5984 Nov 26 j 02:44	22° \underline{a} 21'40	0°08'27
max. Earth dist.	-5990 Nov 03 j 18:35	28° \overline{m} 03'17	20.66699 AU	behind sun begin	-5984 Nov 25 j 20:58	22° \underline{a} 20'52	
morning rise	-5990 Nov 18 j 06:26	28° \overline{m} 54'13		behind sun end	-5984 Nov 26 j 08:30	22° \underline{a} 22'29	
	-5990 Dec 08 j 05:47	0° \underline{a}		max. Earth dist.	-5984 Nov 27 j 09:24	22° \underline{a} 26'06	20.97812 AU
retrograde	-5989 Feb 19 j 18:02	2° \underline{a} 04'34		morning rise	-5984 Dec 11 j 23:03	23° \underline{a} 16'11	
min. Earth dist.	-5989 May 07 j 11:03	0° \underline{a} 07'56	18.69902 AU	retrograde	-5983 Mar 16 j 04:14	26° \underline{a} 23'56	
opposition	-5989 May 08 j 15:26	0° \underline{a} 05'05	0°31'11	min. Earth dist.	-5983 Jun 01 j 05:02	24° \underline{a} 27'37	18.99702 AU
	-5989 May 10 j 18:10	30° \overline{r} \overline{m}		opposition	-5983 Jun 02 j 11:03	24° \underline{a} 24'37	0°07'18
direct	-5989 Jul 23 j 21:34	28° \overline{m} 07'28		direct	-5983 Aug 17 j 04:12	22° \underline{a} 28'22	
	-5989 Sep 30 j 07:42	0° \underline{a}		evening set	-5983 Nov 14 j 13:59	25° \underline{a} 27'10	
evening set	-5989 Oct 22 j 07:28	1° \underline{a} 11'34		conjunction	-5983 Nov 30 j 07:38	26° \underline{a} 21'08	0°04'51
conjunction	-5989 Nov 06 j 21:35	2° \underline{a} 06'10	0°26'31	minimum elong	-5983 Nov 30 j 07:38	26° \underline{a} 21'08	0°04'43
minimum elong	-5989 Nov 06 j 21:35	2° \underline{a} 06'10	0°26'33	behind sun begin	-5983 Nov 30 j 01:12	26° \underline{a} 20'14	
max. Earth dist.	-5989 Nov 08 j 03:17	2° \underline{a} 10'32	20.72959 AU	behind sun end	-5983 Nov 30 j 14:03	26° \underline{a} 22'02	
morning rise	-5989 Nov 22 j 13:54	3° \underline{a} 01'06		max. Earth dist.	-5983 Dec 01 j 15:33	26° \underline{a} 25'44	21.01407 AU
retrograde	-5988 Feb 24 j 03:48	6° \underline{a} 10'57		morning rise	-5983 Dec 16 j 04:44	27° \underline{a} 15'36	
min. Earth dist.	-5988 May 11 j 00:08	4° \underline{a} 14'26	18.75985 AU		-5982 Feb 17 j 12:04	0° \overline{m}	
opposition	-5988 May 12 j 04:32	4° \underline{a} 11'35	0°27'25	retrograde	-5982 Mar 20 j 11:18	0° \overline{m} 23'01	
direct	-5988 Jul 27 j 08:35	2° \underline{a} 14'19			-5982 Apr 20 j 23:42	30° \overline{r} \underline{a}	
evening set	-5988 Oct 25 j 13:32	5° \underline{a} 17'22		opposition	-5982 Jun 06 j 19:53	28° \underline{a} 23'40	0°03'09
conjunction	-5988 Nov 10 j 03:58	6° \underline{a} 11'49	0°23'05	min. Earth dist.	-5982 Jun 05 j 14:08	28° \underline{a} 26'38	19.03095 AU
minimum elong	-5988 Nov 10 j 03:58	6° \underline{a} 11'49	0°23'04	direct	-5982 Aug 21 j 10:52	26° \underline{a} 27'32	
max. Earth dist.	-5988 Nov 11 j 09:29	6° \underline{a} 16'09	20.78849 AU	evening set	-5982 Nov 18 j 18:02	29° \underline{a} 25'41	
morning rise	-5988 Nov 25 j 21:03	7° \underline{a} 06'38			-5982 Nov 28 j 19:51	0° \overline{m}	
retrograde	-5987 Feb 27 j 15:30	10° \underline{a} 16'03		conjunction	-5982 Dec 04 j 12:21	0° \overline{m} 19'36	0°01'05
min. Earth dist.	-5987 May 15 j 11:22	8° \underline{a} 19'42	18.81670 AU	minimum elong	-5982 Dec 04 j 12:21	0° \overline{m} 19'36	0°00'55
opposition	-5987 May 16 j 16:55	8° \underline{a} 16'44	0°23'32	behind sun begin	-5982 Dec 04 j 05:47	0° \overline{m} 18'41	
direct	-5987 Jul 31 j 18:14	6° \underline{a} 19'45		behind sun end	-5982 Dec 04 j 18:55	0° \overline{m} 20'31	
evening set	-5987 Oct 29 j 19:12	9° \underline{a} 21'51		max. Earth dist.	-5982 Dec 05 j 19:27	0° \overline{m} 24'04	21.04611 AU
conjunction	-5987 Nov 14 j 10:14	10° \underline{a} 16'10	0°19'33	morning rise	-5982 Dec 20 j 10:31	1° \overline{m} 14'03	
minimum elong	-5987 Nov 14 j 10:14	10° \underline{a} 16'10	0°19'32	desc. node	-5981 Mar 18 j 11:03	4° \overline{m} 20'11	
max. Earth dist.	-5987 Nov 15 j 17:06	10° \underline{a} 20'41	20.84301 AU	retrograde	-5981 Mar 24 j 19:48	4° \overline{m} 21'10	
morning rise	-5987 Nov 30 j 03:56	11° \underline{a} 10'53		min. Earth dist.	-5981 Jun 09 j 22:01	2° \overline{m} 24'45	19.06117 AU
retrograde	-5986 Mar 04 j 00:12	14° \underline{a} 19'51		opposition	-5981 Jun 11 j 03:56	2° \overline{m} 21'46	-0°00'58
min. Earth dist.	-5986 May 19 j 23:15	12° \underline{a} 23'32	18.86892 AU	direct	-5981 Aug 25 j 17:14	0° \overline{m} 25'43	
opposition	-5986 May 21 j 04:35	12° \underline{a} 20'36	0°19'34	evening set	-5981 Nov 22 j 21:49	3° \overline{m} 23'20	
direct	-5986 Aug 05 j 03:51	10° \underline{a} 23'52		conjunction	-5981 Dec 08 j 17:02	4° \overline{m} 17'14	-0°02'45
evening set	-5986 Nov 03 j 00:30	13° \underline{a} 25'03		minimum elong	-5981 Dec 08 j 17:03	4° \overline{m} 17'14	0°02'56
conjunction	-5986 Nov 18 j 16:01	14° \underline{a} 19'15	0°15'56	behind sun begin	-5981 Dec 08 j 10:29	4° \overline{m} 16'19	
minimum elong	-5986 Nov 18 j 16:02	14° \underline{a} 19'15	0°15'52	behind sun end	-5981 Dec 08 j 23:36	4° \overline{m} 18'09	
behind sun begin	-5986 Nov 18 j 14:38	14° \underline{a} 19'03		max. Earth dist.	-5981 Dec 10 j 01:10	4° \overline{m} 21'50	21.07436 AU
behind sun end	-5986 Nov 18 j 17:25	14° \underline{a} 19'27		morning rise	-5981 Dec 24 j 16:00	5° \overline{m} 11'40	
max. Earth dist.	-5986 Nov 19 j 22:16	14° \underline{a} 23'39	20.89290 AU	retrograde	-5980 Mar 28 j 02:52	8° \overline{m} 18'32	
morning rise	-5986 Dec 04 j 10:40	15° \underline{a} 13'53		min. Earth dist.	-5980 Jun 13 j 05:58	6° \overline{m} 22'05	19.08756 AU
retrograde	-5985 Mar 08 j 11:04	18° \underline{a} 22'26		opposition	-5980 Jun 14 j 11:34	6° \overline{m} 19'07	-0°05'05
min. Earth dist.	-5985 May 24 j 09:32	16° \underline{a} 26'10	18.91638 AU	direct	-5980 Aug 28 j 22:50	4° \overline{m} 23'10	
opposition	-5985 May 25 j 15:30	16° \underline{a} 23'10	0°15'31	evening set	-5980 Nov 26 j 01:28	7° \overline{m} 20'19	
direct	-5985 Aug 09 j 12:32	14° \underline{a} 26'38		conjunction	-5980 Dec 11 j 21:24	8° \overline{m} 14'12	-0°06'27
evening set	-5985 Nov 07 j 05:23	17° \underline{a} 26'58		minimum elong	-5980 Dec 11 j 21:24	8° \overline{m} 14'12	0°06'38
conjunction	-5985 Nov 22 j 21:37	18° \underline{a} 21'04	0°12'16	behind sun begin	-5980 Dec 11 j 15:14	8° \overline{m} 13'21	
minimum elong	-5985 Nov 22 j 21:38	18° \underline{a} 21'04	0°12'11	behind sun end	-5980 Dec 12 j 03:35	8° \overline{m} 15'04	
				max. Earth dist.	-5980 Dec 13 j 04:31	8° \overline{m} 18'39	21.09898 AU

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Attention, astronomical year style is used: The year -5980 in astronomical counting style is the year 5981 BCE in historical counting style.

morning rise	-5980 Dec 27 j 21:27	9° \mathbb{M} 08'39		conjunction	-5973 Jan 05 j 04:11	1° \mathbb{A} 51'51	-0°27'22
retrograde	-5979 Apr 01 j 10:31	12° \mathbb{M} 15'20		minimum elong	-5973 Jan 05 j 04:11	1° \mathbb{A} 51'51	0°27'40
opposition	-5979 Jun 18 j 18:48	10° \mathbb{M} 15'54	-0°09'09	max. Earth dist.	-5973 Jan 06 j 06:24	1° \mathbb{A} 55'33	21.15462 AU
min. Earth dist.	-5979 Jun 17 j 13:15	10° \mathbb{M} 18'52	19.11036 AU	morning rise	-5973 Jan 21 j 10:15	2° \mathbb{A} 46'40	
direct	-5979 Sep 02 j 03:55	8° \mathbb{M} 20'03		retrograde	-5973 Apr 26 j 07:07	5° \mathbb{A} 53'04	
evening set	-5979 Nov 30 j 05:08	11° \mathbb{M} 16'49		min. Earth dist.	-5973 Jul 12 j 07:31	3° \mathbb{A} 56'02	19.15087 AU
				opposition	-5973 Jul 13 j 07:06	3° \mathbb{A} 53'40	-0°32'01
conjunction	-5979 Dec 16 j 02:05	12° \mathbb{M} 10'43	-0°10'06	direct	-5973 Sep 26 j 05:09	1° \mathbb{A} 57'54	
minimum elong	-5979 Dec 16 j 02:04	12° \mathbb{M} 10'43	0°10'19	evening set	-5973 Dec 24 j 07:45	4° \mathbb{A} 54'09	
behind sun begin	-5979 Dec 15 j 20:50	12° \mathbb{M} 10'00					
behind sun end	-5979 Dec 16 j 07:18	12° \mathbb{M} 11'27		conjunction	-5972 Jan 09 j 10:29	5° \mathbb{A} 48'30	-0°30'30
max. Earth dist.	-5979 Dec 17 j 09:57	12° \mathbb{M} 15'16	21.11978 AU	minimum elong	-5972 Jan 09 j 10:29	5° \mathbb{A} 48'30	0°30'49
morning rise	-5978 Jan 01 j 02:59	13° \mathbb{M} 05'11		max. Earth dist.	-5972 Jan 10 j 12:10	5° \mathbb{A} 52'08	21.14471 AU
	-5978 Feb 08 j 21:42	15° \mathbb{M}		morning rise	-5972 Jan 25 j 17:24	6° \mathbb{A} 43'26	
retrograde	-5978 Apr 05 j 17:50	16° \mathbb{M} 11'43		retrograde	-5972 Apr 29 j 13:47	9° \mathbb{A} 49'52	
	-5978 Jun 02 j 15:26	15° \mathbb{K} \mathbb{M}		opposition	-5972 Jul 16 j 12:32	7° \mathbb{A} 50'25	-0°35'25
min. Earth dist.	-5978 Jun 21 j 20:31	14° \mathbb{M} 15'13	19.12914 AU	min. Earth dist.	-5972 Jul 15 j 14:20	7° \mathbb{A} 52'39	19.13784 AU
opposition	-5978 Jun 23 j 01:30	14° \mathbb{M} 12'19	-0°13'11	direct	-5972 Sep 29 j 09:33	5° \mathbb{A} 54'31	
direct	-5978 Sep 06 j 08:53	12° \mathbb{M} 16'33		evening set	-5972 Dec 27 j 13:10	8° \mathbb{A} 50'55	
	-5978 Nov 30 j 10:21	15° \mathbb{M}					
evening set	-5978 Dec 04 j 08:59	15° \mathbb{M} 13'02		conjunction	-5971 Jan 12 j 16:49	9° \mathbb{A} 45'22	-0°33'29
				minimum elong	-5971 Jan 12 j 16:49	9° \mathbb{A} 45'22	0°33'50
conjunction	-5978 Dec 20 j 06:45	16° \mathbb{M} 06'57	-0°13'42	max. Earth dist.	-5971 Jan 13 j 15:53	9° \mathbb{A} 48'38	21.12885 AU
minimum elong	-5978 Dec 20 j 06:45	16° \mathbb{M} 06'57	0°13'56	morning rise	-5971 Jan 29 j 00:54	10° \mathbb{A} 40'26	
behind sun begin	-5978 Dec 20 j 03:21	16° \mathbb{M} 06'29		retrograde	-5971 May 03 j 22:01	13° \mathbb{A} 47'00	
behind sun end	-5978 Dec 20 j 10:09	16° \mathbb{M} 07'25		opposition	-5971 Jul 20 j 17:54	11° \mathbb{A} 47'24	-0°38'38
max. Earth dist.	-5978 Dec 21 j 13:09	16° \mathbb{M} 11'17	21.13659 AU	min. Earth dist.	-5971 Jul 19 j 21:27	11° \mathbb{A} 49'28	19.11908 AU
morning rise	-5977 Jan 05 j 08:49	17° \mathbb{M} 01'28		direct	-5971 Oct 03 j 13:20	9° \mathbb{A} 51'19	
retrograde	-5977 Apr 10 j 01:07	20° \mathbb{M} 07'53		evening set	-5971 Dec 31 j 19:01	12° \mathbb{A} 47'57	
min. Earth dist.	-5977 Jun 26 j 03:32	18° \mathbb{M} 11'21	19.14379 AU				
opposition	-5977 Jun 27 j 07:56	18° \mathbb{M} 08'30	-0°17'09	conjunction	-5970 Jan 16 j 23:50	13° \mathbb{A} 42'34	-0°36'19
direct	-5977 Sep 10 j 12:54	16° \mathbb{M} 12'48		minimum elong	-5970 Jan 16 j 23:50	13° \mathbb{A} 42'34	0°36'39
evening set	-5977 Dec 08 j 12:54	19° \mathbb{M} 09'05		max. Earth dist.	-5970 Jan 17 j 22:19	13° \mathbb{A} 45'45	21.10730 AU
				morning rise	-5970 Feb 02 j 08:46	14° \mathbb{A} 37'46	
conjunction	-5977 Dec 24 j 11:40	20° \mathbb{M} 03'03	-0°17'15	retrograde	-5970 May 08 j 05:08	17° \mathbb{A} 44'25	
minimum elong	-5977 Dec 24 j 11:40	20° \mathbb{M} 03'03	0°17'32	opposition	-5970 Jul 24 j 22:58	15° \mathbb{A} 44'43	-0°41'41
max. Earth dist.	-5977 Dec 25 j 18:25	20° \mathbb{M} 07'25	21.14885 AU	min. Earth dist.	-5970 Jul 24 j 03:58	15° \mathbb{A} 46'39	19.09487 AU
morning rise	-5976 Jan 09 j 14:34	20° \mathbb{M} 57'38		direct	-5970 Oct 07 j 17:53	13° \mathbb{A} 48'24	
retrograde	-5976 Apr 13 j 08:12	24° \mathbb{M} 03'59		evening set	-5969 Jan 05 j 01:23	16° \mathbb{A} 45'21	
min. Earth dist.	-5976 Jun 29 j 10:28	22° \mathbb{M} 07'23	19.15362 AU				
opposition	-5976 Jun 30 j 13:59	22° \mathbb{M} 04'38	-0°21'02	conjunction	-5969 Jan 21 j 07:07	17° \mathbb{A} 40'07	-0°38'59
direct	-5976 Sep 13 j 17:35	20° \mathbb{M} 08'59		minimum elong	-5969 Jan 21 j 07:07	17° \mathbb{A} 40'07	0°39'21
evening set	-5976 Dec 11 j 17:10	23° \mathbb{M} 05'09		max. Earth dist.	-5969 Jan 22 j 02:51	17° \mathbb{A} 42'55	21.08073 AU
				morning rise	-5969 Feb 06 j 17:10	18° \mathbb{A} 35'29	
conjunction	-5976 Dec 27 j 16:46	23° \mathbb{M} 59'11	-0°20'43	retrograde	-5969 May 12 j 13:19	21° \mathbb{A} 42'18	
minimum elong	-5976 Dec 27 j 16:46	23° \mathbb{M} 59'11	0°21'00	min. Earth dist.	-5969 Jul 28 j 10:55	19° \mathbb{A} 44'12	19.06600 AU
max. Earth dist.	-5976 Dec 28 j 21:36	24° \mathbb{M} 03'16	21.15632 AU	opposition	-5969 Jul 29 j 04:06	19° \mathbb{A} 42'27	-0°44'31
morning rise	-5975 Jan 12 j 20:49	24° \mathbb{M} 53'49		direct	-5969 Oct 11 j 21:41	17° \mathbb{A} 45'53	
retrograde	-5975 Apr 17 j 15:59	28° \mathbb{M} 00'10		evening set	-5968 Jan 09 j 07:58	20° \mathbb{A} 43'14	
opposition	-5975 Jul 04 j 19:55	26° \mathbb{M} 00'49	-0°24'49				
min. Earth dist.	-5975 Jul 03 j 17:29	26° \mathbb{M} 03'28	19.15852 AU	conjunction	-5968 Jan 25 j 14:50	21° \mathbb{A} 38'11	-0°41'28
direct	-5975 Sep 17 j 21:06	24° \mathbb{M} 05'10		minimum elong	-5968 Jan 25 j 14:50	21° \mathbb{A} 38'11	0°41'50
evening set	-5975 Dec 15 j 21:35	27° \mathbb{M} 01'18		max. Earth dist.	-5968 Jan 26 j 10:02	21° \mathbb{A} 40'54	21.04961 AU
				morning rise	-5968 Feb 11 j 01:39	22° \mathbb{A} 33'42	
conjunction	-5975 Dec 31 j 22:18	27° \mathbb{M} 55'25	-0°24'06	retrograde	-5968 May 15 j 21:09	25° \mathbb{A} 40'44	
minimum elong	-5975 Dec 31 j 22:18	27° \mathbb{M} 55'25	0°24'24	opposition	-5968 Aug 01 j 09:11	23° \mathbb{A} 40'45	-0°47'10
max. Earth dist.	-5974 Jan 02 j 03:01	27° \mathbb{M} 59'29	21.15838 AU	min. Earth dist.	-5968 Jul 31 j 17:16	23° \mathbb{A} 42'23	19.03281 AU
morning rise	-5974 Jan 17 j 03:14	28° \mathbb{M} 50'09		direct	-5968 Oct 15 j 02:27	21° \mathbb{A} 43'57	
	-5974 Feb 08 j 08:53	0° \mathbb{A}		evening set	-5967 Jan 12 j 15:17	24° \mathbb{A} 41'47	
retrograde	-5974 Apr 21 j 22:51	1° \mathbb{A} 56'30					
	-5974 Jul 07 j 21:15	30° \mathbb{K} \mathbb{M}		conjunction	-5967 Jan 28 j 23:02	25° \mathbb{A} 36'55	-0°43'45
min. Earth dist.	-5974 Jul 08 j 00:28	29° \mathbb{M} 59'41	19.15765 AU	minimum elong	-5967 Jan 28 j 23:02	25° \mathbb{A} 36'55	0°44'07
opposition	-5974 Jul 09 j 01:38	29° \mathbb{M} 57'09	-0°28'29	max. Earth dist.	-5967 Jan 29 j 15:27	25° \mathbb{A} 39'15	21.01463 AU
direct	-5974 Sep 22 j 01:36	28° \mathbb{M} 01'28		morning rise	-5967 Feb 14 j 10:55	26° \mathbb{A} 32'37	
	-5974 Dec 01 j 22:50	0° \mathbb{A}		retrograde	-5967 May 20 j 05:45	29° \mathbb{A} 39'55	
evening set	-5974 Dec 20 j 02:35	0° \mathbb{A} 57'38		opposition	-5967 Aug 05 j 14:22	27° \mathbb{A} 39'49	-0°49'35
				min. Earth dist.	-5967 Aug 05 j 00:18	27° \mathbb{A} 41'15	18.99607 AU

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Attention, astronomical year style is used: The year -5967 in astronomical counting style is the year 5968 BCE in historical counting style.

direct	-5967 Oct 19 j 06:29	25° \mathring{A} 42'45		minimum elong	-5960 Feb 28 j 04:52	24° \mathring{B} 01'43	0°53'51
evening set	-5966 Jan 16 j 23:02	28° \mathring{A} 41'10		max. Earth dist.	-5960 Feb 28 j 07:25	24° \mathring{B} 02'05	20.67584 AU
				morning rise	-5960 Mar 15 j 21:57	24° \mathring{B} 59'00	
conjunction	-5966 Feb 02 j 07:59	29° \mathring{A} 36'31	-0°45'50	retrograde	-5960 Jun 18 j 09:53	28° \mathring{B} 09'17	
minimum elong	-5966 Feb 02 j 07:59	29° \mathring{A} 36'31	0°46'13	opposition	-5960 Sep 02 j 10:44	26° \mathring{B} 08'45	-0°59'31
max. Earth dist.	-5966 Feb 02 j 23:43	29° \mathring{A} 38'45	20.97609 AU	min. Earth dist.	-5960 Sep 02 j 09:41	26° \mathring{B} 08'51	18.64502 AU
	-5966 Feb 09 j 05:30	0° \mathring{B}		direct	-5960 Nov 15 j 23:54	24° \mathring{B} 09'44	
morning rise	-5966 Feb 18 j 20:37	0° \mathring{B} 32'24		evening set	-5959 Feb 15 j 04:00	27° \mathring{B} 14'23	
retrograde	-5966 May 24 j 14:39	3° \mathring{B} 39'59					
opposition	-5966 Aug 09 j 19:42	1° \mathring{B} 39'49	-0°51'47	conjunction	-5959 Mar 03 j 19:19	28° \mathring{B} 11'34	-0°53'52
min. Earth dist.	-5966 Aug 09 j 06:55	1° \mathring{B} 41'07	18.95578 AU	minimum elong	-5959 Mar 03 j 19:19	28° \mathring{B} 11'34	0°54'13
	-5966 Sep 27 j 04:19	30° \mathring{R} \mathring{A}		max. Earth dist.	-5959 Mar 03 j 17:58	28° \mathring{B} 11'23	20.61311 AU
direct	-5966 Oct 23 j 11:22	29° \mathring{A} 42'30		morning rise	-5959 Mar 20 j 13:09	29° \mathring{B} 09'08	
	-5966 Nov 18 j 10:17	0° \mathring{B}			-5959 Apr 05 j 02:46	0° $\mathring{\approx}$	
evening set	-5965 Jan 21 j 07:40	2° \mathring{B} 41'34		retrograde	-5959 Jun 22 j 21:59	2° $\mathring{\approx}$ 19'56	
				opposition	-5959 Sep 06 j 18:53	0° $\mathring{\approx}$ 19'16	-0°59'46
conjunction	-5965 Feb 06 j 17:28	3° \mathring{B} 37'09	-0°47'43	min. Earth dist.	-5959 Sep 06 j 20:47	0° $\mathring{\approx}$ 19'04	18.58045 AU
minimum elong	-5965 Feb 06 j 17:28	3° \mathring{B} 37'09	0°48'04		-5959 Sep 14 j 11:04	30° \mathring{R} \mathring{B}	
max. Earth dist.	-5965 Feb 07 j 06:10	3° \mathring{B} 38'57	20.93426 AU	direct	-5959 Nov 20 j 07:06	28° \mathring{B} 19'50	
morning rise	-5965 Feb 23 j 07:06	4° \mathring{B} 33'15			-5958 Jan 23 j 15:10	0° $\mathring{\approx}$	
retrograde	-5965 May 29 j 00:08	7° \mathring{B} 41'11		evening set	-5958 Feb 19 j 18:32	1° $\mathring{\approx}$ 25'37	
opposition	-5965 Aug 14 j 01:14	5° \mathring{B} 40'56	-0°53'45				
min. Earth dist.	-5965 Aug 13 j 14:29	5° \mathring{B} 42'02	18.91238 AU	conjunction	-5958 Mar 08 j 10:51	2° $\mathring{\approx}$ 23'07	-0°53'56
direct	-5965 Oct 27 j 15:59	3° \mathring{B} 43'21		minimum elong	-5958 Mar 08 j 10:51	2° $\mathring{\approx}$ 23'07	0°54'16
evening set	-5964 Jan 25 j 16:49	6° \mathring{B} 43'11		max. Earth dist.	-5958 Mar 08 j 07:54	2° $\mathring{\approx}$ 22'41	20.54676 AU
				morning rise	-5958 Mar 25 j 05:03	3° $\mathring{\approx}$ 20'55	
conjunction	-5964 Feb 11 j 03:45	7° \mathring{B} 39'00	-0°49'22	retrograde	-5958 Jun 27 j 12:46	6° $\mathring{\approx}$ 32'15	
minimum elong	-5964 Feb 11 j 03:45	7° \mathring{B} 39'00	0°49'45	opposition	-5958 Sep 11 j 03:33	4° $\mathring{\approx}$ 31'26	-0°59'43
max. Earth dist.	-5964 Feb 11 j 15:39	7° \mathring{B} 40'42	20.88928 AU	min. Earth dist.	-5958 Sep 11 j 07:03	4° $\mathring{\approx}$ 31'04	18.51238 AU
morning rise	-5964 Feb 27 j 18:01	8° \mathring{B} 35'19		direct	-5958 Nov 24 j 17:38	2° $\mathring{\approx}$ 31'35	
retrograde	-5964 Jun 01 j 10:15	11° \mathring{B} 43'39		evening set	-5957 Feb 24 j 10:04	5° $\mathring{\approx}$ 38'31	
opposition	-5964 Aug 17 j 07:05	9° \mathring{B} 43'21	-0°55'27				
min. Earth dist.	-5964 Aug 16 j 21:39	9° \mathring{B} 44'20	18.86578 AU	conjunction	-5957 Mar 13 j 02:56	6° $\mathring{\approx}$ 36'18	-0°53'43
direct	-5964 Oct 30 j 21:13	7° \mathring{B} 45'33		minimum elong	-5957 Mar 13 j 02:56	6° $\mathring{\approx}$ 36'18	0°54'03
evening set	-5963 Jan 29 j 02:47	10° \mathring{B} 46'12		max. Earth dist.	-5957 Mar 12 j 20:11	6° $\mathring{\approx}$ 35'19	20.47726 AU
				morning rise	-5957 Mar 29 j 21:43	7° $\mathring{\approx}$ 34'23	
conjunction	-5963 Feb 14 j 14:33	11° \mathring{B} 42'16	-0°50'47	retrograde	-5957 Jul 02 j 01:08	10° $\mathring{\approx}$ 46'15	
minimum elong	-5963 Feb 14 j 14:33	11° \mathring{B} 42'16	0°51'08	opposition	-5957 Sep 15 j 12:46	8° $\mathring{\approx}$ 45'15	-0°59'20
max. Earth dist.	-5963 Feb 14 j 23:17	11° \mathring{B} 43'30	20.84120 AU	min. Earth dist.	-5957 Sep 15 j 19:11	8° $\mathring{\approx}$ 44'35	18.44166 AU
morning rise	-5963 Mar 03 j 05:48	12° \mathring{B} 38'49		direct	-5957 Nov 29 j 02:44	6° $\mathring{\approx}$ 44'56	
retrograde	-5963 Jun 05 j 21:02	15° \mathring{B} 47'37		evening set	-5956 Feb 29 j 02:16	9° $\mathring{\approx}$ 53'04	
opposition	-5963 Aug 21 j 13:23	13° \mathring{B} 47'15	-0°56'54				
min. Earth dist.	-5963 Aug 21 j 06:17	13° \mathring{B} 47'59	18.81606 AU	conjunction	-5956 Mar 16 j 20:00	10° $\mathring{\approx}$ 51'10	-0°53'12
direct	-5963 Nov 04 j 02:39	11° \mathring{B} 49'10		minimum elong	-5956 Mar 16 j 20:00	10° $\mathring{\approx}$ 51'10	0°53'31
evening set	-5962 Feb 02 j 13:41	14° \mathring{B} 50'45		max. Earth dist.	-5956 Mar 16 j 11:51	10° $\mathring{\approx}$ 49'59	20.40549 AU
				morning rise	-5956 Apr 02 j 15:00	11° $\mathring{\approx}$ 49'30	
conjunction	-5962 Feb 19 j 02:33	15° \mathring{B} 47'05	-0°51'57		-5956 Jun 27 j 01:12	15° $\mathring{\approx}$	
minimum elong	-5962 Feb 19 j 02:33	15° \mathring{B} 47'05	0°52'19	retrograde	-5956 Jul 05 j 16:29	15° $\mathring{\approx}$ 01'54	
max. Earth dist.	-5962 Feb 19 j 10:10	15° \mathring{B} 48'10	20.78976 AU		-5956 Jul 14 j 05:13	15° \mathring{R} $\mathring{\approx}$	
morning rise	-5962 Mar 07 j 18:22	16° \mathring{B} 43'52		opposition	-5956 Sep 18 j 22:28	13° $\mathring{\approx}$ 00'44	-0°58'37
retrograde	-5962 Jun 10 j 08:44	19° \mathring{B} 53'08		min. Earth dist.	-5956 Sep 19 j 06:10	12° $\mathring{\approx}$ 59'55	18.36898 AU
opposition	-5962 Aug 25 j 19:53	17° \mathring{B} 52'45	-0°58'04	direct	-5956 Dec 02 j 14:33	10° $\mathring{\approx}$ 59'57	
min. Earth dist.	-5962 Aug 25 j 14:27	17° \mathring{B} 53'18	18.76279 AU	evening set	-5955 Mar 04 j 19:28	14° $\mathring{\approx}$ 09'18	
direct	-5962 Nov 08 j 09:11	15° \mathring{B} 54'23			-5955 Mar 19 j 08:59	15° $\mathring{\approx}$	
evening set	-5961 Feb 07 j 01:40	18° \mathring{B} 56'57					
				conjunction	-5955 Mar 21 j 13:41	15° $\mathring{\approx}$ 07'43	-0°52'24
conjunction	-5961 Feb 23 j 15:17	19° \mathring{B} 53'33	-0°52'52	minimum elong	-5955 Mar 21 j 13:41	15° $\mathring{\approx}$ 07'43	0°52'41
minimum elong	-5961 Feb 23 j 15:16	19° \mathring{B} 53'33	0°53'13	max. Earth dist.	-5955 Mar 21 j 02:04	15° $\mathring{\approx}$ 06'01	20.33215 AU
max. Earth dist.	-5961 Feb 23 j 19:14	19° \mathring{B} 54'07	20.73473 AU	morning rise	-5955 Apr 07 j 09:09	16° $\mathring{\approx}$ 06'20	
morning rise	-5961 Mar 12 j 07:56	20° \mathring{B} 50'35		retrograde	-5955 Jul 10 j 06:00	19° $\mathring{\approx}$ 19'18	
retrograde	-5961 Jun 14 j 20:29	24° \mathring{B} 00'21		opposition	-5955 Sep 23 j 08:56	17° $\mathring{\approx}$ 17'57	-0°57'34
opposition	-5961 Aug 30 j 03:05	21° \mathring{B} 59'54	-0°58'56	min. Earth dist.	-5955 Sep 23 j 19:24	17° $\mathring{\approx}$ 16'50	18.29519 AU
min. Earth dist.	-5961 Aug 30 j 00:22	22° \mathring{B} 00'11	18.70590 AU	direct	-5955 Dec 07 j 01:34	15° $\mathring{\approx}$ 16'40	
direct	-5961 Nov 12 j 15:18	20° \mathring{B} 01'14		evening set	-5954 Mar 09 j 13:32	18° $\mathring{\approx}$ 27'18	
evening set	-5960 Feb 11 j 14:14	23° \mathring{B} 04'49					
				conjunction	-5954 Mar 26 j 08:27	19° $\mathring{\approx}$ 26'02	-0°51'18
conjunction	-5960 Feb 28 j 04:52	24° \mathring{B} 01'43	-0°53'30	minimum elong	-5954 Mar 26 j 08:27	19° $\mathring{\approx}$ 26'02	0°51'33

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Attention, astronomical year style is used: The year -5954 in astronomical counting style is the year 5955 BCE in historical counting style.

max. Earth dist.	-5954 Mar 25 j 19:31	19° \approx 24'08	20.25801 AU	min. Earth dist.	-5948 Oct 24 j 04:13	18° \approx 11'25	17.79402 AU
morning rise	-5954 Apr 12 j 04:01	20° \approx 24'54		direct	-5947 Jan 06 j 13:00	16° \approx 09'40	
retrograde	-5954 Jul 14 j 22:08	23° \approx 38'26		evening set	-5947 Apr 10 j 22:40	19° \approx 30'07	
opposition	-5954 Sep 27 j 19:51	21° \approx 36'56	-0°56'12				
min. Earth dist.	-5954 Sep 28 j 07:19	21° \approx 35'42	18.22087 AU	conjunction	-5947 Apr 27 j 18:58	20° \approx 30'54	-0°35'25
direct	-5954 Dec 11 j 14:54	19° \approx 35'11		minimum elong	-5947 Apr 27 j 18:58	20° \approx 30'54	0°35'31
evening set	-5953 Mar 14 j 08:38	22° \approx 47'09		max. Earth dist.	-5947 Apr 26 j 15:54	20° \approx 26'48	19.76043 AU
max. Earth dist.	-5953 Mar 30 j 11:50	23° \approx 43'49	20.18369 AU	morning rise	-5947 May 14 j 13:33	21° \approx 31'30	
				retrograde	-5947 Aug 15 j 05:02	24° \approx 49'31	
conjunction	-5953 Mar 31 j 03:52	23° \approx 46'11	-0°49'54	opposition	-5947 Oct 28 j 00:15	22° \approx 47'31	-0°37'35
minimum elong	-5953 Mar 31 j 03:53	23° \approx 46'11	0°50'08	min. Earth dist.	-5947 Oct 28 j 23:55	22° \approx 44'56	17.72767 AU
morning rise	-5953 Apr 16 j 23:39	24° \approx 45'19		direct	-5946 Jan 11 j 07:16	20° \approx 43'07	
retrograde	-5953 Jul 19 j 13:02	27° \approx 59'28		evening set	-5946 Apr 16 j 00:22	24° \approx 04'58	
opposition	-5953 Oct 02 j 07:47	25° \approx 57'48	-0°54'30				
min. Earth dist.	-5953 Oct 02 j 21:48	25° \approx 56'17	18.14685 AU	conjunction	-5946 May 02 j 20:25	25° \approx 05'59	-0°32'03
direct	-5953 Dec 16 j 03:30	23° \approx 55'36		minimum elong	-5946 May 02 j 20:26	25° \approx 05'59	0°32'07
evening set	-5952 Mar 18 j 04:19	27° \approx 08'55		max. Earth dist.	-5946 May 01 j 15:21	25° \approx 01'34	19.69483 AU
max. Earth dist.	-5952 Apr 03 j 06:52	28° \approx 05'42	20.11001 AU	morning rise	-5946 May 19 j 14:33	26° \approx 06'47	
				retrograde	-5946 Aug 20 j 03:30	29° \approx 25'24	
conjunction	-5952 Apr 04 j 00:04	28° \approx 08'15	-0°48'12	opposition	-5946 Nov 01 j 18:08	27° \approx 23'20	-0°33'44
minimum elong	-5952 Apr 04 j 00:04	28° \approx 08'15	0°48'26	min. Earth dist.	-5946 Nov 02 j 18:19	27° \approx 20'42	17.66288 AU
morning rise	-5952 Apr 20 j 19:50	29° \approx 07'39		direct	-5945 Jan 16 j 04:44	25° \approx 18'35	
	-5952 May 06 j 10:11	0° \approx		evening set	-5945 Apr 21 j 02:46	28° \approx 41'46	
retrograde	-5952 Jul 23 j 06:39	2° \approx 22'25					
opposition	-5952 Oct 05 j 20:17	0° \approx 20'38	-0°52'29	conjunction	-5945 May 07 j 22:36	29° \approx 43'02	-0°28'28
min. Earth dist.	-5952 Oct 06 j 11:00	0° \approx 19'03	18.07358 AU	minimum elong	-5945 May 07 j 22:36	29° \approx 43'02	0°28'31
	-5952 Oct 13 j 20:59	30° \approx		max. Earth dist.	-5945 May 06 j 16:23	29° \approx 38'25	19.63087 AU
direct	-5952 Dec 19 j 18:26	28° \approx 18'01			-5945 May 12 j 13:26	0° \approx	
	-5951 Feb 22 j 07:59	0° \approx		morning rise	-5945 May 24 j 15:58	0° \approx 44'00	
evening set	-5951 Mar 23 j 01:16	1° \approx 32'44		retrograde	-5945 Aug 25 j 00:27	4° \approx 03'11	
				opposition	-5945 Nov 06 j 13:06	2° \approx 01'04	-0°29'38
conjunction	-5951 Apr 08 j 21:15	2° \approx 32'23	-0°46'13	min. Earth dist.	-5945 Nov 07 j 15:24	1° \approx 58'12	17.60007 AU
minimum elong	-5951 Apr 08 j 21:15	2° \approx 32'23	0°46'24		-5944 Jan 08 j 16:44	30° \approx	
max. Earth dist.	-5951 Apr 08 j 01:20	2° \approx 29'25	20.03726 AU	direct	-5944 Jan 21 j 00:53	29° \approx 55'58	
morning rise	-5951 Apr 25 j 17:02	3° \approx 32'01			-5944 Feb 02 j 07:48	0° \approx	
retrograde	-5951 Jul 27 j 23:08	6° \approx 47'26		evening set	-5944 Apr 25 j 05:43	3° \approx 20'25	
opposition	-5951 Oct 10 j 09:41	4° \approx 45'34	-0°50'08	max. Earth dist.	-5944 May 10 j 16:56	4° \approx 16'56	19.56933 AU
min. Earth dist.	-5951 Oct 11 j 02:58	4° \approx 43'43	18.00153 AU				
direct	-5951 Dec 24 j 08:47	2° \approx 42'34		conjunction	-5944 May 12 j 01:05	4° \approx 21'53	-0°24'40
evening set	-5950 Mar 27 j 23:11	5° \approx 58'42		minimum elong	-5944 May 12 j 01:05	4° \approx 21'53	0°24'41
				morning rise	-5944 May 28 j 17:56	5° \approx 23'01	
conjunction	-5950 Apr 13 j 19:28	6° \approx 58'39	-0°43'56	retrograde	-5944 Aug 28 j 23:50	8° \approx 42'44	
minimum elong	-5950 Apr 13 j 19:28	6° \approx 58'39	0°44'07	opposition	-5944 Nov 10 j 08:43	6° \approx 40'31	-0°25'18
max. Earth dist.	-5950 Apr 12 j 22:10	6° \approx 55'28	19.96594 AU	min. Earth dist.	-5944 Nov 11 j 11:21	6° \approx 37'37	17.53988 AU
morning rise	-5950 Apr 30 j 15:05	7° \approx 58'33		direct	-5943 Jan 24 j 23:44	4° \approx 35'03	
retrograde	-5950 Aug 01 j 18:26	11° \approx 14'37		evening set	-5943 Apr 30 j 09:21	8° \approx 00'43	
opposition	-5950 Oct 14 j 23:53	9° \approx 12'42	-0°47'27	max. Earth dist.	-5943 May 15 j 19:56	8° \approx 57'23	19.51060 AU
min. Earth dist.	-5950 Oct 15 j 17:48	9° \approx 10'46	17.93088 AU				
direct	-5950 Dec 29 j 01:36	7° \approx 09'21		conjunction	-5943 May 17 j 04:21	9° \approx 02'23	-0°20'42
evening set	-5949 Apr 01 j 22:02	10° \approx 26'55		minimum elong	-5943 May 17 j 04:21	9° \approx 02'23	0°20'40
				morning rise	-5943 Jun 02 j 20:13	10° \approx 03'40	
conjunction	-5949 Apr 18 j 18:21	11° \approx 27'10	-0°41'22	retrograde	-5943 Sep 02 j 21:54	13° \approx 23'51	
minimum elong	-5949 Apr 18 j 18:21	11° \approx 27'10	0°41'31	opposition	-5943 Nov 15 j 05:13	11° \approx 21'33	-0°20'48
max. Earth dist.	-5949 Apr 17 j 18:49	11° \approx 23'38	19.89595 AU	min. Earth dist.	-5943 Nov 16 j 09:28	11° \approx 18'28	17.48290 AU
morning rise	-5949 May 05 j 13:42	12° \approx 27'18		direct	-5942 Jan 29 j 21:56	9° \approx 15'45	
retrograde	-5949 Aug 06 j 12:34	15° \approx 44'02		evening set	-5942 May 05 j 13:35	12° \approx 42'33	
opposition	-5949 Oct 19 j 15:08	13° \approx 42'05	-0°44'28	max. Earth dist.	-5942 May 20 j 21:43	13° \approx 39'05	19.45561 AU
min. Earth dist.	-5949 Oct 20 j 11:38	13° \approx 39'52	17.86172 AU				
direct	-5948 Jan 02 j 17:53	11° \approx 38'23		conjunction	-5942 May 22 j 07:49	13° \approx 44'22	-0°16'34
evening set	-5948 Apr 05 j 21:51	14° \approx 57'25		minimum elong	-5942 May 22 j 07:48	13° \approx 44'22	0°16'32
				morning rise	-5942 Jun 07 j 22:58	14° \approx 45'46	
conjunction	-5948 Apr 22 j 18:13	15° \approx 57'56	-0°38'31	retrograde	-5942 Sep 07 j 21:36	18° \approx 06'24	
minimum elong	-5948 Apr 22 j 18:13	15° \approx 57'56	0°38'39	opposition	-5942 Nov 20 j 02:31	16° \approx 04'00	-0°16'07
max. Earth dist.	-5948 Apr 21 j 17:02	15° \approx 54'08	19.82755 AU	min. Earth dist.	-5942 Nov 21 j 06:48	16° \approx 00'55	17.43008 AU
morning rise	-5948 May 09 j 13:17	16° \approx 58'18		direct	-5941 Feb 03 j 22:04	13° \approx 57'53	
retrograde	-5948 Aug 10 j 09:29	20° \approx 15'41		evening set	-5941 May 10 j 17:51	17° \approx 25'44	
opposition	-5948 Oct 23 j 07:05	18° \approx 13'43	-0°41'10	max. Earth dist.	-5941 May 26 j 02:12	18° \approx 22'30	19.40500 AU

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Attention, astronomical year style is used: The year -5941 in astronomical counting style is the year 5942 BCE in historical counting style.

conjunction	-5941 May 27 j 11:31	18° Υ 27'41	-0°12'19	behind sun end	-5936 Jun 20 j 13:38	12° \mathcal{B} 21'03	
minimum elong	-5941 May 27 j 11:31	18° Υ 27'41	0°12'14	morning rise	-5936 Jul 06 j 16:38	13° \mathcal{B} 21'47	
behind sun begin	-5941 May 27 j 07:05	18° Υ 27'01			-5936 Aug 04 j 07:11	15° \mathcal{B}	
behind sun end	-5941 May 27 j 15:57	18° Υ 28'22		retrograde	-5936 Oct 05 j 20:18	16° \mathcal{B} 44'20	
morning rise	-5941 Jun 13 j 01:33	19° Υ 29'10			-5936 Dec 11 j 03:43	15° $\mathcal{R}\mathcal{B}$	
retrograde	-5941 Sep 12 j 20:24	22° Υ 50'13		opposition	-5936 Dec 18 j 01:51	14° \mathcal{B} 41'55	0°13'27
opposition	-5941 Nov 25 j 00:41	20° Υ 47'45	-0°11'19	min. Earth dist.	-5936 Dec 19 j 05:16	14° \mathcal{B} 38'55	17.23341 AU
min. Earth dist.	-5941 Nov 26 j 05:41	20° Υ 44'34	17.38199 AU	direct	-5935 Mar 04 j 14:02	12° \mathcal{B} 34'56	
direct	-5940 Feb 08 j 22:40	18° Υ 41'20			-5935 May 21 j 03:06	15° \mathcal{B}	
evening set	-5940 May 14 j 22:44	22° Υ 10'09		evening set	-5935 Jun 09 j 01:08	16° \mathcal{B} 07'08	
max. Earth dist.	-5940 May 30 j 04:53	23° Υ 06'49	19.35962 AU	max. Earth dist.	-5935 Jun 24 j 06:09	17° \mathcal{B} 04'26	19.22699 AU
conjunction	-5940 May 31 j 15:24	23° Υ 12'12	-0°07'59	conjunction	-5935 Jun 25 j 12:32	17° \mathcal{B} 09'14	0°14'18
minimum elong	-5940 May 31 j 15:24	23° Υ 12'12	0°07'53	minimum elong	-5935 Jun 25 j 12:32	17° \mathcal{B} 09'14	0°14'33
behind sun begin	-5940 May 31 j 09:21	23° Υ 11'17		behind sun begin	-5935 Jun 25 j 09:42	17° \mathcal{B} 08'48	
behind sun end	-5940 May 31 j 21:27	23° Υ 13'07		behind sun end	-5935 Jun 25 j 15:22	17° \mathcal{B} 09'41	
morning rise	-5940 Jun 17 j 04:34	24° Υ 13'45		morning rise	-5935 Jul 11 j 19:32	18° \mathcal{B} 10'44	
retrograde	-5940 Sep 16 j 19:40	27° Υ 35'11		retrograde	-5935 Oct 10 j 22:24	21° \mathcal{B} 33'27	
opposition	-5940 Nov 28 j 23:22	25° Υ 32'38	-0°06'25	opposition	-5935 Dec 23 j 04:00	19° \mathcal{B} 31'08	0°18'19
min. Earth dist.	-5940 Nov 30 j 04:12	25° Υ 29'28	17.33954 AU	min. Earth dist.	-5935 Dec 24 j 06:04	19° \mathcal{B} 28'18	17.22285 AU
direct	-5939 Feb 13 j 00:09	23° Υ 25'59		direct	-5934 Mar 09 j 19:12	17° \mathcal{B} 24'12	
evening set	-5939 May 20 j 03:44	26° Υ 55'41		evening set	-5934 Jun 14 j 06:32	20° \mathcal{B} 56'44	
max. Earth dist.	-5939 Jun 04 j 10:30	27° Υ 52'37	19.32008 AU	max. Earth dist.	-5934 Jun 29 j 10:53	21° \mathcal{B} 54'03	19.21938 AU
conjunction	-5939 Jun 05 j 19:39	27° Υ 57'48	-0°03'35	conjunction	-5934 Jun 30 j 16:35	21° \mathcal{B} 58'46	0°18'36
minimum elong	-5939 Jun 05 j 19:40	27° Υ 57'48	0°03'26	minimum elong	-5934 Jun 30 j 16:35	21° \mathcal{B} 58'46	0°18'53
behind sun begin	-5939 Jun 05 j 12:58	27° Υ 56'47		morning rise	-5934 Jul 16 j 22:14	23° \mathcal{B} 00'10	
behind sun end	-5939 Jun 06 j 02:22	27° Υ 58'50		retrograde	-5934 Oct 15 j 23:27	26° \mathcal{B} 23'00	
morning rise	-5939 Jun 22 j 07:34	28° Υ 59'23		opposition	-5934 Dec 28 j 06:54	24° \mathcal{B} 20'47	0°23'04
	-5939 Jul 09 j 11:06	0° \mathcal{B}		min. Earth dist.	-5934 Dec 29 j 08:52	24° \mathcal{B} 17'58	17.21823 AU
retrograde	-5939 Sep 21 j 19:30	2° \mathcal{B} 21'09		direct	-5933 Mar 14 j 23:08	22° \mathcal{B} 13'54	
opposition	-5939 Dec 03 j 23:00	0° \mathcal{B} 18'35	-0°01'28	evening set	-5933 Jun 19 j 11:30	25° \mathcal{B} 46'38	
min. Earth dist.	-5939 Dec 05 j 03:44	0° \mathcal{B} 15'26	17.30307 AU				
	-5939 Dec 11 j 00:59	30° $\mathcal{R}\Upsilon$		conjunction	-5933 Jul 05 j 20:14	26° \mathcal{B} 48'32	0°22'47
direct	-5938 Feb 18 j 03:17	28° Υ 11'46		minimum elong	-5933 Jul 05 j 20:14	26° \mathcal{B} 48'32	0°23'05
asc. node	-5938 Mar 21 j 22:07	28° Υ 38'20		max. Earth dist.	-5933 Jul 04 j 15:57	26° \mathcal{B} 44'02	19.21757 AU
	-5938 Apr 25 j 06:16	0° \mathcal{B}		morning rise	-5933 Jul 22 j 00:37	27° \mathcal{B} 49'49	
evening set	-5938 May 25 j 09:03	1° \mathcal{B} 42'14			-5933 Aug 30 j 13:11	0° \mathcal{II}	
conjunction	-5938 Jun 10 j 23:47	2° \mathcal{B} 44'24	0°01'00	retrograde	-5933 Oct 21 j 01:48	1° \mathcal{II} 12'42	
minimum elong	-5938 Jun 10 j 23:47	2° \mathcal{B} 44'24	0°01'10		-5933 Dec 13 j 21:39	30° $\mathcal{R}\mathcal{B}$	
behind sun begin	-5938 Jun 10 j 17:03	2° \mathcal{B} 43'22		opposition	-5932 Jan 02 j 10:04	29° \mathcal{B} 10'36	0°27'39
behind sun end	-5938 Jun 11 j 06:32	2° \mathcal{B} 45'25		min. Earth dist.	-5932 Jan 03 j 10:09	29° \mathcal{B} 07'59	17.21903 AU
max. Earth dist.	-5938 Jun 09 j 14:01	2° \mathcal{B} 39'05	19.28685 AU	direct	-5932 Mar 19 j 05:02	27° \mathcal{B} 03'48	
morning rise	-5938 Jun 27 j 10:36	3° \mathcal{B} 45'59			-5932 Jun 13 j 15:46	0° \mathcal{II}	
retrograde	-5938 Sep 26 j 18:57	7° \mathcal{B} 08'04		evening set	-5932 Jun 23 j 16:19	0° \mathcal{II} 36'34	
opposition	-5938 Dec 08 j 23:19	5° \mathcal{B} 05'30	0°03'32				
min. Earth dist.	-5938 Dec 10 j 03:42	5° \mathcal{B} 02'24	17.27325 AU	conjunction	-5932 Jul 09 j 23:45	1° \mathcal{II} 38'20	0°26'47
direct	-5937 Feb 23 j 06:13	2° \mathcal{B} 58'34		minimum elong	-5932 Jul 09 j 23:44	1° \mathcal{II} 38'20	0°27'05
evening set	-5937 May 30 j 14:19	6° \mathcal{B} 29'44		max. Earth dist.	-5932 Jul 08 j 20:51	1° \mathcal{II} 34'04	19.22099 AU
max. Earth dist.	-5937 Jun 14 j 20:06	7° \mathcal{B} 26'51	19.26037 AU	morning rise	-5932 Jul 26 j 02:42	2° \mathcal{II} 39'29	
conjunction	-5937 Jun 16 j 04:08	7° \mathcal{B} 31'54	0°05'30	retrograde	-5932 Oct 25 j 02:30	6° \mathcal{II} 02'21	
minimum elong	-5937 Jun 16 j 04:07	7° \mathcal{B} 31'54	0°05'41	opposition	-5931 Jan 06 j 13:35	4° \mathcal{II} 00'19	0°32'02
behind sun begin	-5937 Jun 15 j 21:40	7° \mathcal{B} 30'55		min. Earth dist.	-5931 Jan 07 j 13:34	3° \mathcal{II} 57'43	17.22514 AU
behind sun end	-5937 Jun 16 j 10:34	7° \mathcal{B} 32'54		direct	-5931 Mar 24 j 09:24	1° \mathcal{II} 53'37	
morning rise	-5937 Jul 02 j 13:37	8° \mathcal{B} 33'29		evening set	-5931 Jun 28 j 20:46	5° \mathcal{II} 26'18	
retrograde	-5937 Oct 01 j 19:56	11° \mathcal{B} 55'49		max. Earth dist.	-5931 Jul 14 j 00:56	6° \mathcal{II} 23'47	19.22975 AU
opposition	-5937 Dec 14 j 00:13	9° \mathcal{B} 53'19	0°08'31				
min. Earth dist.	-5937 Dec 15 j 03:47	9° \mathcal{B} 50'18	17.25003 AU	conjunction	-5931 Jul 15 j 02:44	6° \mathcal{II} 27'54	0°30'37
direct	-5936 Feb 28 j 10:36	7° \mathcal{B} 46'20		minimum elong	-5931 Jul 15 j 02:44	6° \mathcal{II} 27'54	0°30'56
evening set	-5936 Jun 03 j 19:43	11° \mathcal{B} 18'04		morning rise	-5931 Jul 31 j 04:28	7° \mathcal{II} 28'53	
max. Earth dist.	-5936 Jun 19 j 00:17	12° \mathcal{B} 15'10	19.24048 AU	retrograde	-5931 Oct 30 j 04:38	10° \mathcal{II} 51'40	
conjunction	-5936 Jun 20 j 08:18	12° \mathcal{B} 20'14	0°09'55	opposition	-5930 Jan 11 j 17:21	8° \mathcal{II} 49'42	0°36'10
minimum elong	-5936 Jun 20 j 08:17	12° \mathcal{B} 20'14	0°10'09	min. Earth dist.	-5930 Jan 12 j 15:00	8° \mathcal{II} 47'22	17.23639 AU
behind sun begin	-5936 Jun 20 j 02:56	12° \mathcal{B} 19'24		direct	-5930 Mar 29 j 15:58	6° \mathcal{II} 43'08	
				evening set	-5930 Jul 04 j 00:25	10° \mathcal{II} 15'33	
				max. Earth dist.	-5930 Jul 19 j 05:39	11° \mathcal{II} 13'14	19.24359 AU

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Attention, astronomical year style is used: The year -5930 in astronomical counting style is the year 5931 BCE in historical counting style.

conjunction	-5930 Jul 20 j 05:07	11° Π 16'58	0°34'12	opposition	-5923 Feb 14 j 18:24	12° Θ 07'59	0°56'25
minimum elong	-5930 Jul 20 j 05:07	11° Π 16'58	0°34'32	min. Earth dist.	-5923 Feb 15 j 01:49	12° Θ 07'12	17.47074 AU
morning rise	-5930 Aug 05 j 05:25	12° Π 17'45		direct	-5923 May 03 j 02:16	10° Θ 03'05	
retrograde	-5930 Nov 04 j 04:39	15° Π 40'24		evening set	-5923 Aug 06 j 04:13	13° Θ 30'25	
opposition	-5929 Jan 16 j 21:25	13° Π 38'30	0°40'03				
min. Earth dist.	-5929 Jan 17 j 18:32	13° Π 36'13	17.25289 AU	conjunction	-5923 Aug 21 j 23:55	14° Θ 29'56	0°51'19
direct	-5929 Apr 03 j 20:53	11° Π 32'04		minimum elong	-5923 Aug 21 j 23:55	14° Θ 29'56	0°51'41
evening set	-5929 Jul 09 j 03:35	15° Π 04'06		max. Earth dist.	-5923 Aug 21 j 16:41	14° Θ 28'47	19.49805 AU
max. Earth dist.	-5929 Jul 24 j 08:27	16° Π 01'44	19.26285 AU	morning rise	-5923 Sep 06 j 16:48	15° Θ 29'01	
				retrograde	-5923 Dec 06 j 22:10	18° Θ 49'17	
conjunction	-5929 Jul 25 j 06:47	16° Π 05'18	0°37'33	opposition	-5922 Feb 19 j 20:58	16° Θ 48'01	0°57'52
minimum elong	-5929 Jul 25 j 06:47	16° Π 05'18	0°37'54	min. Earth dist.	-5922 Feb 20 j 01:42	16° Θ 47'31	17.52681 AU
morning rise	-5929 Aug 10 j 06:00	17° Π 05'53		direct	-5922 May 08 j 03:58	14° Θ 43'32	
retrograde	-5929 Nov 09 j 05:45	20° Π 28'20		evening set	-5922 Aug 11 j 00:56	18° Θ 09'47	
opposition	-5928 Jan 22 j 01:08	18° Π 26'28	0°43'38				
min. Earth dist.	-5928 Jan 22 j 19:35	18° Π 24'29	17.27481 AU	conjunction	-5922 Aug 26 j 19:45	19° Θ 08'59	0°52'27
direct	-5928 Apr 08 j 03:17	16° Π 20'11		minimum elong	-5922 Aug 26 j 19:45	19° Θ 08'59	0°52'48
evening set	-5928 Jul 13 j 05:49	19° Π 51'43		max. Earth dist.	-5922 Aug 26 j 16:11	19° Θ 08'25	19.55643 AU
				morning rise	-5922 Sep 11 j 11:44	20° Θ 07'47	
conjunction	-5928 Jul 29 j 07:52	20° Π 52'40	0°40'37	retrograde	-5922 Dec 11 j 20:14	23° Θ 27'35	
minimum elong	-5928 Jul 29 j 07:51	20° Π 52'40	0°40'59	opposition	-5921 Feb 24 j 23:07	21° Θ 26'31	0°58'56
max. Earth dist.	-5928 Jul 28 j 12:33	20° Π 49'36	19.28751 AU	min. Earth dist.	-5921 Feb 25 j 01:17	21° Θ 26'17	17.58714 AU
morning rise	-5928 Aug 14 j 05:43	21° Π 53'02		direct	-5921 May 13 j 06:01	19° Θ 22'29	
retrograde	-5928 Nov 13 j 04:57	25° Π 15'12		evening set	-5921 Aug 15 j 21:01	22° Θ 47'34	
opposition	-5927 Jan 26 j 05:05	23° Π 13'24	0°46'54				
min. Earth dist.	-5927 Jan 26 j 22:31	23° Π 11'32	17.30222 AU	conjunction	-5921 Aug 31 j 14:44	23° Θ 46'26	0°53'15
direct	-5927 Apr 13 j 08:40	21° Π 07'18		minimum elong	-5921 Aug 31 j 14:44	23° Θ 46'26	0°53'37
evening set	-5927 Jul 18 j 07:21	24° Π 38'11		max. Earth dist.	-5921 Aug 31 j 12:55	23° Θ 46'09	19.61867 AU
				morning rise	-5921 Sep 16 j 06:09	24° Θ 44'58	
conjunction	-5927 Aug 03 j 07:53	25° Π 38'52	0°43'24	retrograde	-5921 Dec 16 j 17:10	28° Θ 04'16	
minimum elong	-5927 Aug 03 j 07:52	25° Π 38'52	0°43'45	opposition	-5920 Mar 01 j 00:37	26° Θ 03'21	0°59'37
max. Earth dist.	-5927 Aug 02 j 13:55	25° Π 36'01	19.31784 AU	min. Earth dist.	-5920 Mar 01 j 00:45	26° Θ 03'21	17.65113 AU
morning rise	-5927 Aug 19 j 04:44	26° Π 39'00		direct	-5920 May 17 j 05:53	23° Θ 59'46	
	-5927 Nov 12 j 15:28	0° Θ		evening set	-5920 Aug 19 j 16:03	27° Θ 23'38	
retrograde	-5927 Nov 18 j 04:43	0° Θ 00'53					
	-5927 Nov 23 j 18:39	30° κ Π		conjunction	-5920 Sep 04 j 08:59	28° Θ 22'12	0°53'42
opposition	-5926 Jan 31 j 08:47	27° Π 59'06	0°49'49	minimum elong	-5920 Sep 04 j 08:59	28° Θ 22'12	0°54'02
min. Earth dist.	-5926 Jan 31 j 23:11	27° Π 57'34	17.33547 AU	max. Earth dist.	-5920 Sep 04 j 10:18	28° Θ 22'24	19.68411 AU
direct	-5926 Apr 18 j 14:42	25° Π 53'14		morning rise	-5920 Sep 19 j 23:41	29° Θ 20'26	
evening set	-5926 Jul 23 j 07:52	29° Π 23'22			-5920 Oct 01 j 00:40	0° Ω	
	-5926 Aug 02 j 01:28	0° Θ		retrograde	-5920 Dec 20 j 14:51	2° Ω 39'12	
conjunction	-5926 Aug 08 j 07:16	0° Θ 23'47	0°45'52	opposition	-5919 Mar 06 j 01:43	0° Ω 38'28	0°59'54
minimum elong	-5926 Aug 08 j 07:16	0° Θ 23'47	0°46'14	min. Earth dist.	-5919 Mar 05 j 23:06	0° Ω 38'44	17.71770 AU
max. Earth dist.	-5926 Aug 07 j 17:00	0° Θ 21'31	19.35408 AU	direct	-5919 Mar 21 j 17:22	30° κ Θ	
morning rise	-5926 Aug 24 j 02:51	1° Θ 23'39			-5919 May 22 j 07:32	28° Θ 35'20	
retrograde	-5926 Nov 23 j 03:01	4° Θ 45'10		evening set	-5919 Jul 19 j 10:52	0° Ω	
opposition	-5925 Feb 05 j 12:23	2° Θ 43'29	0°52'23		-5919 Aug 24 j 10:10	1° Ω 57'55	
min. Earth dist.	-5925 Feb 06 j 01:02	2° Θ 42'08	17.37469 AU	conjunction	-5919 Sep 09 j 02:11	2° Ω 56'09	0°53'48
direct	-5925 Apr 23 j 19:19	0° Θ 37'54		minimum elong	-5919 Sep 09 j 02:11	2° Ω 56'09	0°54'08
evening set	-5925 Jul 28 j 07:33	4° Θ 07'10		max. Earth dist.	-5919 Sep 09 j 05:21	2° Ω 56'38	19.75174 AU
				morning rise	-5919 Sep 24 j 16:25	3° Ω 54'06	
conjunction	-5925 Aug 13 j 05:33	5° Θ 07'17	0°48'01	retrograde	-5919 Dec 25 j 09:44	7° Ω 12'19	
minimum elong	-5925 Aug 13 j 05:33	5° Θ 07'17	0°48'23	opposition	-5918 Mar 11 j 02:24	5° Ω 11'42	0°59'48
max. Earth dist.	-5925 Aug 12 j 16:51	5° Θ 05'16	19.39636 AU	min. Earth dist.	-5918 Mar 10 j 22:07	5° Ω 12'09	17.78633 AU
morning rise	-5925 Aug 29 j 00:17	6° Θ 06'54		direct	-5918 May 27 j 06:27	3° Ω 09'02	
retrograde	-5925 Nov 28 j 02:01	9° Θ 28'03		evening set	-5918 Aug 29 j 03:20	6° Ω 30'16	
opposition	-5924 Feb 10 j 15:33	7° Θ 26'27	0°54'36				
min. Earth dist.	-5924 Feb 11 j 01:12	7° Θ 25'26	17.41994 AU	conjunction	-5918 Sep 13 j 18:42	7° Ω 28'10	0°53'34
direct	-5924 Apr 27 j 23:16	5° Θ 21'10		minimum elong	-5918 Sep 13 j 18:42	7° Ω 28'10	0°53'53
evening set	-5924 Aug 01 j 06:15	8° Θ 49'31		max. Earth dist.	-5918 Sep 14 j 00:32	7° Ω 29'05	19.82108 AU
				morning rise	-5918 Sep 29 j 08:29	8° Ω 25'51	
conjunction	-5924 Aug 17 j 03:14	9° Θ 49'21	0°49'50	retrograde	-5918 Dec 30 j 06:07	11° Ω 43'27	
minimum elong	-5924 Aug 17 j 03:14	9° Θ 49'21	0°50'12	opposition	-5917 Mar 16 j 02:08	9° Ω 42'58	0°59'19
max. Earth dist.	-5924 Aug 16 j 18:18	9° Θ 47'56	19.44450 AU	min. Earth dist.	-5917 Mar 15 j 18:58	9° Ω 43'43	17.85616 AU
morning rise	-5924 Sep 01 j 20:50	10° Θ 48'42		direct	-5917 Jun 01 j 07:03	7° Ω 40'44	
retrograde	-5924 Dec 01 j 23:51	14° Θ 09'24		evening set	-5917 Sep 02 j 19:31	11° Ω 00'35	

Attention, astronomical year style is used: The year -5917 in astronomical counting style is the year 5918 BCE in historical counting style.

conjunction	-5917 Sep 18 j 10:14	11°Ω58'10	0°53'00	minimum elong	-5911 Oct 13 j 12:25	8°♊12'14	0°43'35
minimum elong	-5917 Sep 18 j 10:14	11°Ω58'10	0°53'17	max. Earth dist.	-5911 Oct 14 j 09:19	8°♊15'23	20.32110 AU
max. Earth dist.	-5917 Sep 18 j 17:56	11°Ω59'22	19.89130 AU	morning rise	-5911 Oct 29 j 01:55	9°♊08'10	
morning rise	-5917 Oct 03 j 23:45	12°Ω55'35		retrograde	-5910 Jan 29 j 18:55	12°♊21'16	
	-5917 Nov 11 j 19:44	15°Ω		min. Earth dist.	-5910 Apr 16 j 05:04	10°♊23'21	18.35757 AU
retrograde	-5916 Jan 03 j 22:54	16°Ω12'34		opposition	-5910 Apr 17 j 01:52	10°♊21'15	0°46'48
	-5916 Feb 29 j 04:00	15°♊Ω		direct	-5910 Jul 02 j 20:47	8°♊21'42	
opposition	-5916 Mar 20 j 01:18	14°Ω12'10	0°58'29	evening set	-5910 Oct 02 j 09:07	11°♊31'44	
min. Earth dist.	-5916 Mar 19 j 16:55	14°Ω13'02	17.92674 AU				
direct	-5916 Jun 05 j 04:12	12°Ω10'19		conjunction	-5910 Oct 17 j 22:00	12°♊27'20	0°40'57
	-5916 Aug 29 j 08:22	15°Ω		minimum elong	-5910 Oct 17 j 22:00	12°♊27'20	0°41'05
evening set	-5916 Sep 06 j 10:40	15°Ω28'46		max. Earth dist.	-5910 Oct 18 j 20:17	12°♊30'40	20.39369 AU
				morning rise	-5910 Nov 02 j 11:51	13°♊23'03	
conjunction	-5916 Sep 22 j 00:53	16°Ω26'02	0°52'06	retrograde	-5909 Feb 03 j 09:05	16°♊35'34	
minimum elong	-5916 Sep 22 j 00:53	16°Ω26'02	0°52'24	opposition	-5909 Apr 21 j 18:42	14°♊35'40	0°43'56
max. Earth dist.	-5916 Sep 22 j 10:49	16°Ω27'34	19.96211 AU	min. Earth dist.	-5909 Apr 20 j 19:06	14°♊38'03	18.42992 AU
morning rise	-5916 Oct 07 j 14:08	17°Ω23'10		direct	-5909 Jul 07 j 12:02	12°♊36'32	
retrograde	-5915 Jan 07 j 17:18	20°Ω39'30		evening set	-5909 Oct 06 j 17:56	15°♊45'18	
opposition	-5915 Mar 24 j 23:30	18°Ω39'11	0°57'18				
min. Earth dist.	-5915 Mar 24 j 12:06	18°Ω40'22	17.99762 AU	conjunction	-5909 Oct 22 j 06:57	16°♊40'40	0°38'16
direct	-5915 Jun 10 j 03:17	16°Ω37'43		minimum elong	-5909 Oct 22 j 06:57	16°♊40'40	0°38'24
evening set	-5915 Sep 11 j 00:50	19°Ω54'44		max. Earth dist.	-5909 Oct 23 j 07:29	16°♊44'20	20.46555 AU
				morning rise	-5909 Nov 06 j 21:08	17°♊36'13	
conjunction	-5915 Sep 26 j 14:35	20°Ω51'42	0°50'55	retrograde	-5908 Feb 07 j 20:48	20°♊48'09	
minimum elong	-5915 Sep 26 j 14:36	20°Ω51'42	0°51'10	min. Earth dist.	-5908 Apr 24 j 10:48	18°♊50'50	18.50125 AU
max. Earth dist.	-5915 Sep 27 j 02:41	20°Ω53'33	20.03314 AU	opposition	-5908 Apr 25 j 10:58	18°♊48'24	0°40'50
morning rise	-5915 Oct 12 j 03:44	21°Ω48'34		direct	-5908 Jul 11 j 00:49	16°♊49'42	
retrograde	-5914 Jan 12 j 08:25	25°Ω04'15		evening set	-5908 Oct 10 j 02:02	19°♊57'14	
opposition	-5914 Mar 29 j 21:06	23°Ω03'58	0°55'47				
min. Earth dist.	-5914 Mar 29 j 08:35	23°Ω05'15	18.06890 AU	conjunction	-5908 Oct 25 j 15:09	20°♊52'23	0°35'24
direct	-5914 Jun 14 j 22:21	21°Ω02'53		minimum elong	-5908 Oct 25 j 15:09	20°♊52'23	0°35'30
evening set	-5914 Sep 15 j 13:50	24°Ω18'26		max. Earth dist.	-5908 Oct 26 j 16:37	20°♊56'11	20.53618 AU
				morning rise	-5908 Nov 10 j 05:49	21°♊47'45	
conjunction	-5914 Oct 01 j 03:17	25°Ω15'06	0°49'26	retrograde	-5907 Feb 11 j 10:13	24°♊59'10	
minimum elong	-5914 Oct 01 j 03:17	25°Ω15'06	0°49'40	min. Earth dist.	-5907 Apr 28 j 23:52	23°♊02'12	18.57095 AU
max. Earth dist.	-5914 Oct 01 j 17:28	25°Ω17'16	20.10462 AU	opposition	-5907 Apr 30 j 02:21	22°♊59'33	0°37'32
morning rise	-5914 Oct 16 j 16:26	26°Ω11'43		direct	-5907 Jul 15 j 14:17	21°♊01'15	
retrograde	-5913 Jan 17 j 01:14	29°Ω26'44		evening set	-5907 Oct 14 j 09:37	24°♊07'37	
opposition	-5913 Apr 03 j 17:33	27°Ω26'30	0°53'57				
min. Earth dist.	-5913 Apr 03 j 01:54	27°Ω28'06	18.14049 AU	conjunction	-5907 Oct 29 j 23:00	25°♊02'34	0°32'22
direct	-5913 Jun 19 j 18:57	25°Ω25'45		minimum elong	-5907 Oct 29 j 23:01	25°♊02'34	0°32'27
evening set	-5913 Sep 20 j 02:01	28°Ω39'53		max. Earth dist.	-5907 Oct 31 j 02:29	25°♊06'39	20.60468 AU
				morning rise	-5907 Nov 14 j 14:06	25°♊57'47	
conjunction	-5913 Oct 05 j 15:11	29°Ω36'16	0°47'40	retrograde	-5906 Feb 15 j 20:57	29°♊08'40	
minimum elong	-5913 Oct 05 j 15:11	29°Ω36'16	0°47'53	opposition	-5906 May 04 j 17:03	27°♊09'11	0°34'04
max. Earth dist.	-5913 Oct 06 j 07:45	29°Ω38'47	20.17633 AU	min. Earth dist.	-5906 May 03 j 14:24	27°♊11'52	18.63822 AU
	-5913 Oct 12 j 03:17	0°♊		direct	-5906 Jul 20 j 01:11	25°♊11'18	
morning rise	-5913 Oct 21 j 04:21	0°♊32'38		evening set	-5906 Oct 18 j 16:42	28°♊16'32	
retrograde	-5912 Jan 21 j 14:49	3°♊46'59					
opposition	-5912 Apr 07 j 13:08	1°♊46'48	0°51'50	conjunction	-5906 Nov 03 j 06:20	29°♊11'18	0°29'10
min. Earth dist.	-5912 Apr 06 j 20:28	1°♊48'30	18.21251 AU	minimum elong	-5906 Nov 03 j 06:21	29°♊11'18	0°29'13
	-5912 May 31 j 03:51	30°♊Ω		max. Earth dist.	-5906 Nov 04 j 10:09	29°♊15'24	20.67050 AU
direct	-5912 Jun 23 j 12:00	29°Ω46'26			-5906 Nov 17 j 02:03	0°♊	
	-5912 Jul 16 j 09:18	0°♊		morning rise	-5906 Nov 18 j 22:06	0°♊06'22	
evening set	-5912 Sep 23 j 13:15	2°♊59'10		retrograde	-5905 Feb 20 j 09:37	3°♊16'45	
				min. Earth dist.	-5905 May 08 j 02:34	1°♊20'12	18.70237 AU
conjunction	-5912 Oct 09 j 02:13	3°♊55'16	0°45'40	opposition	-5905 May 09 j 06:51	1°♊17'22	0°30'26
minimum elong	-5912 Oct 09 j 02:14	3°♊55'16	0°45'51		-5905 Jun 13 j 08:27	30°♊♊	
max. Earth dist.	-5912 Oct 09 j 20:36	3°♊58'03	20.24860 AU	direct	-5905 Jul 24 j 13:21	29°♊19'50	
morning rise	-5912 Oct 24 j 15:33	4°♊51'25			-5905 Sep 02 j 08:11	0°♊	
retrograde	-5911 Jan 25 j 06:13	8°♊05'07		evening set	-5905 Oct 22 j 23:17	2°♊24'00	
min. Earth dist.	-5911 Apr 11 j 11:59	6°♊07'01	18.28496 AU				
opposition	-5911 Apr 12 j 07:51	6°♊05'00	0°49'27	conjunction	-5905 Nov 07 j 13:20	3°♊18'36	0°25'51
direct	-5911 Jun 28 j 05:50	4°♊05'02		minimum elong	-5905 Nov 07 j 13:20	3°♊18'36	0°25'51
evening set	-5911 Sep 27 j 23:31	7°♊16'23		max. Earth dist.	-5905 Nov 08 j 18:41	3°♊22'55	20.73263 AU
				morning rise	-5905 Nov 23 j 05:36	4°♊13'32	
conjunction	-5911 Oct 13 j 12:25	8°♊12'14	0°43'25	retrograde	-5904 Feb 24 j 19:34	7°♊23'26	

Attention, astronomical year style is used: The year -5904 in astronomical counting style is the year 5905 BCE in historical counting style.

opposition	-5904 May 12 j 19:56	5° <u>0</u> 24'09	0°26'40
min. Earth dist.	-5904 May 11 j 15:50	5° <u>0</u> 26'58	18.76252 AU
direct	-5904 Jul 27 j 22:56	3° <u>0</u> 26'57	
evening set	-5904 Oct 26 j 05:28	6° <u>0</u> 30'04	

conjunction	-5904 Nov 10 j 19:54	7° <u>0</u> 24'31	0°22'24
minimum elong	-5904 Nov 10 j 19:54	7° <u>0</u> 24'31	0°22'23
max. Earth dist.	-5904 Nov 12 j 01:04	7° <u>0</u> 28'48	20.79071 AU
morning rise	-5904 Nov 26 j 12:56	8° <u>0</u> 19'20	
retrograde	-5903 Feb 28 j 06:55	11° <u>0</u> 28'46	
min. Earth dist.	-5903 May 16 j 03:04	9° <u>0</u> 32'27	18.81838 AU
opposition	-5903 May 17 j 08:21	9° <u>0</u> 29'32	0°22'47
direct	-5903 Aug 01 j 09:51	7° <u>0</u> 32'35	
evening set	-5903 Oct 30 j 11:02	10° <u>0</u> 34'44	

conjunction	-5903 Nov 15 j 02:04	11° <u>0</u> 29'03	0°18'52
minimum elong	-5903 Nov 15 j 02:04	11° <u>0</u> 29'03	0°18'49
max. Earth dist.	-5903 Nov 16 j 08:33	11° <u>0</u> 33'30	20.84414 AU
morning rise	-5903 Nov 30 j 19:46	12° <u>0</u> 23'46	
retrograde	-5902 Mar 04 j 16:18	15° <u>0</u> 32'45	
opposition	-5902 May 21 j 20:04	13° <u>0</u> 33'31	0°18'48
min. Earth dist.	-5902 May 20 j 15:10	13° <u>0</u> 36'24	18.86945 AU
direct	-5902 Aug 05 j 18:56	11° <u>0</u> 36'48	
evening set	-5902 Nov 03 j 16:21	14° <u>0</u> 38'00	

conjunction	-5902 Nov 19 j 07:53	15° <u>0</u> 32'12	0°15'15
minimum elong	-5902 Nov 19 j 07:53	15° <u>0</u> 32'12	0°15'12
behind sun begin	-5902 Nov 19 j 05:31	15° <u>0</u> 31'52	
behind sun end	-5902 Nov 19 j 10:15	15° <u>0</u> 32'32	
max. Earth dist.	-5902 Nov 20 j 13:54	15° <u>0</u> 36'34	20.89295 AU
morning rise	-5902 Dec 05 j 02:30	16° <u>0</u> 26'50	
retrograde	-5901 Mar 09 j 02:11	19° <u>0</u> 35'22	
min. Earth dist.	-5901 May 25 j 01:07	17° <u>0</u> 39'04	18.91597 AU
opposition	-5901 May 26 j 06:47	17° <u>0</u> 36'07	0°14'46
direct	-5901 Aug 10 j 03:56	15° <u>0</u> 39'34	
evening set	-5901 Nov 07 j 21:08	18° <u>0</u> 39'54	

conjunction	-5901 Nov 23 j 13:22	19° <u>0</u> 34'00	0°11'36
minimum elong	-5901 Nov 23 j 13:22	19° <u>0</u> 34'00	0°11'30
behind sun begin	-5901 Nov 23 j 08:36	19° <u>0</u> 33'20	
behind sun end	-5901 Nov 23 j 18:09	19° <u>0</u> 34'41	
max. Earth dist.	-5901 Nov 24 j 20:36	19° <u>0</u> 38'32	20.93714 AU
morning rise	-5901 Dec 09 j 08:42	20° <u>0</u> 28'34	
retrograde	-5900 Mar 12 j 10:18	23° <u>0</u> 36'39	
min. Earth dist.	-5900 May 28 j 11:37	21° <u>0</u> 40'18	18.95803 AU
opposition	-5900 May 29 j 16:57	21° <u>0</u> 37'22	0°10'41
direct	-5900 Aug 13 j 12:21	19° <u>0</u> 40'58	
evening set	-5900 Nov 11 j 01:29	22° <u>0</u> 40'30	

conjunction	-5900 Nov 26 j 18:18	23° <u>0</u> 34'31	0°07'55
minimum elong	-5900 Nov 26 j 18:18	23° <u>0</u> 34'31	0°07'48
behind sun begin	-5900 Nov 26 j 12:22	23° <u>0</u> 33'41	
behind sun end	-5900 Nov 27 j 00:13	23° <u>0</u> 35'21	
max. Earth dist.	-5900 Nov 28 j 01:04	23° <u>0</u> 38'57	20.97724 AU
morning rise	-5900 Dec 12 j 14:35	24° <u>0</u> 29'01	
retrograde	-5899 Mar 16 j 19:19	27° <u>0</u> 36'45	
min. Earth dist.	-5899 Jun 01 j 20:23	25° <u>0</u> 40'24	18.99625 AU
opposition	-5899 Jun 03 j 02:27	25° <u>0</u> 37'24	0°06'34
direct	-5899 Aug 17 j 19:34	23° <u>0</u> 41'07	
evening set	-5899 Nov 15 j 05:39	26° <u>0</u> 39'55	

conjunction	-5899 Nov 30 j 23:15	27° <u>0</u> 33'52	0°04'12
minimum elong	-5899 Nov 30 j 23:15	27° <u>0</u> 33'52	0°04'04
behind sun begin	-5899 Nov 30 j 16:46	27° <u>0</u> 32'58	
behind sun end	-5899 Dec 01 j 05:44	27° <u>0</u> 34'47	
max. Earth dist.	-5899 Dec 02 j 07:12	27° <u>0</u> 38'28	21.01348 AU
morning rise	-5899 Dec 16 j 20:20	28° <u>0</u> 28'20	