

Planetary Phenomena of Saturn 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.

morning rise	-6400 Jan 15 j 18:02	24° \mathbb{M} 05'23	direct	-6395 Nov 26 j 06:44	8° \approx 42'57	
	-6400 Mar 09 j 07:40	0° \mathbb{A}		-6394 Feb 22 j 11:54	15° \approx	
retrograde	-6400 May 02 j 14:47	2° \mathbb{A} 27'15	evening set	-6394 Mar 11 j 15:50	17° \approx 09'48	
	-6400 Jun 27 j 07:38	30° $\mathbb{R}\mathbb{M}$				
opposition	-6400 Jul 10 j 10:56	28° \mathbb{M} 57'16 -0°59'00	conjunction	-6394 Mar 29 j 18:29	19° \approx 32'32 -2°22'37	
min. Earth dist.	-6400 Jul 10 j 11:02	28° \mathbb{M} 57'15 8.07623 AU	minimum elong	-6394 Mar 29 j 18:31	19° \approx 32'33 2°22'56	
direct	-6400 Sep 14 j 18:45	25° \mathbb{M} 32'46	max. Earth dist.	-6394 Mar 30 j 16:18	19° \approx 39'45 9.90471 AU	
	-6400 Nov 25 j 21:33	0° \mathbb{A}	morning rise	-6394 Apr 16 j 21:13	21° \approx 55'14	
evening set	-6400 Dec 25 j 02:36	3° \mathbb{A} 32'22		-6394 Jul 12 j 09:44	0° \mathbb{H}	
			retrograde	-6394 Jul 31 j 07:01	0° \mathbb{H} 20'15	
conjunction	-6399 Jan 11 j 16:12	5° \mathbb{A} 50'08 -1°03'18		-6394 Aug 19 j 04:27	30° $\mathbb{R}\mathbb{M}$	
minimum elong	-6399 Jan 11 j 16:09	5° \mathbb{A} 50'07 1°03'39	opposition	-6394 Oct 05 j 16:00	26° \approx 50'12 -2°53'26	
max. Earth dist.	-6399 Jan 11 j 17:06	5° \mathbb{A} 50'25 10.01771 AU	min. Earth dist.	-6394 Oct 04 j 23:17	26° \approx 53'42 7.94859 AU	
morning rise	-6399 Jan 29 j 11:17	8° \mathbb{A} 09'41	direct	-6394 Dec 11 j 07:09	23° \approx 19'54	
retrograde	-6399 May 17 j 17:24	16° \mathbb{A} 41'20		-6393 Mar 13 j 13:32	0° \mathbb{H}	
opposition	-6399 Jul 24 j 23:32	13° \mathbb{A} 10'15 -1°39'21	evening set	-6393 Mar 27 j 04:39	1° \mathbb{H} 42'31	
min. Earth dist.	-6399 Jul 24 j 20:17	13° \mathbb{A} 10'55 7.96531 AU				
direct	-6399 Sep 28 j 22:07	9° \mathbb{A} 44'25	conjunction	-6393 Apr 14 j 07:33	4° \mathbb{H} 03'37 -2°12'16	
evening set	-6398 Jan 09 j 00:01	17° \mathbb{A} 54'15	minimum elong	-6393 Apr 14 j 07:36	4° \mathbb{H} 03'38 2°12'29	
			max. Earth dist.	-6393 Apr 15 j 06:04	4° \mathbb{H} 10'59 9.99708 AU	
conjunction	-6398 Jan 26 j 17:36	20° \mathbb{A} 14'42 -1°33'36	morning rise	-6393 May 02 j 09:04	6° \mathbb{H} 24'14	
minimum elong	-6398 Jan 26 j 17:32	20° \mathbb{A} 14'41 1°34'01	retrograde	-6393 Aug 14 j 12:11	14° \mathbb{H} 36'48	
max. Earth dist.	-6398 Jan 26 j 23:12	20° \mathbb{A} 16'34 9.92002 AU	opposition	-6393 Oct 19 j 21:13	11° \mathbb{H} 08'15 -2°34'58	
morning rise	-6398 Feb 13 j 16:15	22° \mathbb{A} 36'47	min. Earth dist.	-6393 Oct 19 j 04:50	11° \mathbb{H} 11'39 8.05557 AU	
	-6398 Apr 25 j 09:27	0° \mathbb{B}	direct	-6393 Dec 26 j 03:24	7° \mathbb{H} 38'00	
retrograde	-6398 Jun 01 j 23:58	1° \mathbb{B} 15'25	evening set	-6392 Apr 10 j 08:18	15° \mathbb{H} 53'31	
	-6398 Jul 09 j 20:25	30° $\mathbb{R}\mathbb{A}$				
opposition	-6398 Aug 08 j 17:15	27° \mathbb{A} 43'37 -2°14'21	conjunction	-6392 Apr 28 j 10:23	18° \mathbb{H} 12'17 -1°54'04	
min. Earth dist.	-6398 Aug 08 j 10:33	27° \mathbb{A} 45'01 7.88445 AU	minimum elong	-6392 Apr 28 j 10:28	18° \mathbb{H} 12'19 1°54'12	
direct	-6398 Oct 13 j 10:21	24° \mathbb{A} 16'29	max. Earth dist.	-6392 Apr 29 j 07:49	18° \mathbb{H} 19'11 10.11820 AU	
	-6397 Jan 03 j 21:45	0° \mathbb{B}	morning rise	-6392 May 16 j 09:52	20° \mathbb{H} 30'11	
evening set	-6397 Jan 24 j 08:46	2° \mathbb{B} 35'02	retrograde	-6392 Aug 27 j 05:37	28° \mathbb{H} 28'45	
			opposition	-6392 Nov 01 j 17:56	25° \mathbb{H} 01'58 -2°07'51	
conjunction	-6397 Feb 11 j 05:45	4° \mathbb{B} 57'26 -1°58'25	min. Earth dist.	-6392 Nov 01 j 03:08	25° \mathbb{H} 05'00 8.18730 AU	
minimum elong	-6397 Feb 11 j 05:41	4° \mathbb{B} 57'24 1°58'51	direct	-6391 Jan 08 j 16:54	21° \mathbb{H} 32'09	
max. Earth dist.	-6397 Feb 11 j 16:29	5° \mathbb{B} 01'01 9.85609 AU	evening set	-6391 Apr 25 j 00:17	29° \mathbb{H} 38'30	
morning rise	-6397 Mar 01 j 06:57	7° \mathbb{B} 21'09		-6391 Apr 27 j 21:26	0° \mathbb{Y}	
retrograde	-6397 Jun 17 j 08:02	16° \mathbb{B} 02'54				
opposition	-6397 Aug 23 j 13:36	12° \mathbb{B} 30'50 -2°41'02	conjunction	-6391 May 13 j 00:33	1° \mathbb{Y} 54'27 -1°29'49	
min. Earth dist.	-6397 Aug 23 j 03:29	12° \mathbb{B} 32'57 7.84041 AU	minimum elong	-6391 May 13 j 00:37	1° \mathbb{Y} 54'28 1°29'51	
direct	-6397 Oct 28 j 05:31	9° \mathbb{B} 02'29	max. Earth dist.	-6391 May 13 j 19:11	2° \mathbb{Y} 00'20 10.25999 AU	
evening set	-6396 Feb 09 j 01:22	17° \mathbb{B} 27'14	morning rise	-6391 May 30 j 21:16	4° \mathbb{Y} 09'12	
			retrograde	-6391 Sep 09 j 11:42	11° \mathbb{Y} 53'25	
conjunction	-6396 Feb 27 j 01:03	19° \mathbb{B} 50'41 -2°15'40	opposition	-6391 Nov 15 j 05:34	8° \mathbb{Y} 28'31 -1°34'33	
minimum elong	-6396 Feb 27 j 01:00	19° \mathbb{B} 50'40 2°16'05	min. Earth dist.	-6391 Nov 14 j 16:42	8° \mathbb{Y} 31'07 8.33552 AU	
max. Earth dist.	-6396 Feb 27 j 16:36	19° \mathbb{B} 55'53 9.83139 AU	direct	-6390 Jan 22 j 21:49	4° \mathbb{Y} 59'29	
morning rise	-6396 Mar 16 j 03:44	22° \mathbb{B} 15'04	evening set	-6390 May 09 j 03:18	12° \mathbb{Y} 55'29	
	-6396 May 30 j 22:27	0° \approx				
retrograde	-6396 Jul 01 j 14:00	0° \approx 55'28	conjunction	-6390 May 27 j 00:53	15° \mathbb{Y} 08'19 -1°01'26	
	-6396 Aug 02 j 09:08	30° $\mathbb{R}\mathbb{B}$	minimum elong	-6390 May 27 j 00:56	15° \mathbb{Y} 08'20 1°01'22	
opposition	-6396 Sep 06 j 10:01	27° \mathbb{B} 23'37 -2°57'05	max. Earth dist.	-6390 May 27 j 15:54	15° \mathbb{Y} 12'59 10.41382 AU	
min. Earth dist.	-6396 Sep 05 j 20:44	27° \mathbb{B} 26'24 7.83675 AU	morning rise	-6390 Jun 13 j 18:08	17° \mathbb{Y} 19'43	
direct	-6396 Nov 11 j 05:13	23° \mathbb{B} 54'18	retrograde	-6390 Sep 22 j 05:23	24° \mathbb{Y} 50'12	
	-6395 Feb 05 j 05:09	0° \approx	opposition	-6390 Nov 28 j 08:07	21° \mathbb{Y} 27'13 -0°57'33	
evening set	-6395 Feb 23 j 21:18	2° \approx 21'54	min. Earth dist.	-6390 Nov 27 j 21:20	21° \mathbb{Y} 29'21 8.49166 AU	
			direct	-6389 Feb 05 j 18:52	17° \mathbb{Y} 59'14	
conjunction	-6395 Mar 13 j 22:51	4° \approx 45'28 -2°23'54	evening set	-6389 May 22 j 17:25	25° \mathbb{Y} 44'36	
minimum elong	-6395 Mar 13 j 22:50	4° \approx 45'27 2°24'17				
max. Earth dist.	-6395 Mar 14 j 18:15	4° \approx 51'56 9.84800 AU	conjunction	-6389 Jun 09 j 11:27	27° \mathbb{Y} 54'08 -0°30'49	
morning rise	-6395 Apr 01 j 01:59	7° \approx 09'28	minimum elong	-6389 Jun 09 j 11:28	27° \mathbb{Y} 54'09 0°30'40	
	-6395 Jun 18 j 13:22	15° \approx	max. Earth dist.	-6389 Jun 09 j 22:47	27° \mathbb{Y} 57'36 10.57120 AU	
retrograde	-6395 Jul 16 j 14:37	15° \approx 44'07		-6389 Jun 26 j 17:25	0° \mathbb{B}	
	-6395 Aug 13 j 18:16	15° $\mathbb{R}\mathbb{M}$	morning rise	-6389 Jun 27 j 00:31	0° \mathbb{B} 02'08	
opposition	-6395 Sep 21 j 03:41	12° \approx 12'56 -3°01'12	retrograde	-6389 Oct 04 j 13:47	7° \mathbb{B} 20'12	
min. Earth dist.	-6395 Sep 20 j 12:04	12° \approx 16'13 7.87376 AU	opposition	-6389 Dec 11 j 02:08	3° \mathbb{B} 59'04 -0°19'08	

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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.

min. Earth dist.	-6389 Dec 10 j 17:36	4° 8 00'44	8.64766 AU	minimum elong	-6383 Aug 17 j 16:32	7° 5 09'23	2°03'45
direct	-6388 Feb 19 j 05:34	0° 8 32'21		max. Earth dist.	-6383 Aug 17 j 05:53	7° 5 06'19	11.23149 AU
evening set	-6388 Jun 03 j 18:59	8° 8 07'24		morning rise	-6383 Sep 03 j 03:44	9° 5 02'42	
asc. node	-6388 Jun 17 j 05:30	9° 8 43'43		retrograde	-6383 Dec 10 j 18:19	15° 5 46'41	
				opposition	-6382 Feb 18 j 18:37	12° 5 31'47	2°38'33
conjunction	-6388 Jun 21 j 08:50	10° 8 13'40	0°00'22	min. Earth dist.	-6382 Feb 19 j 05:37	12° 5 29'47	9.24901 AU
minimum elong	-6388 Jun 21 j 08:50	10° 8 13'40	0°00'36	direct	-6382 May 01 j 17:14	9° 5 12'24	
behind sun begin	-6388 Jun 21 j 01:41	10° 8 11'32		evening set	-6382 Aug 12 j 04:04	16° 5 08'57	
behind sun end	-6388 Jun 21 j 15:59	10° 8 15'48					
max. Earth dist.	-6388 Jun 21 j 16:55	10° 8 16'05	10.72448 AU	conjunction	-6382 Aug 28 j 15:30	18° 5 02'12	2°16'16
morning rise	-6388 Jul 08 j 17:13	12° 8 18'20		minimum elong	-6382 Aug 28 j 15:28	18° 5 02'11	2°16'40
	-6388 Aug 01 j 16:55	15° 8		max. Earth dist.	-6382 Aug 28 j 00:55	17° 5 58'00	11.25550 AU
retrograde	-6388 Oct 15 j 15:37	19° 8 25'45		morning rise	-6382 Sep 14 j 00:17	19° 5 54'44	
opposition	-6388 Dec 22 j 12:45	16° 8 06'20	0°18'50	retrograde	-6382 Dec 22 j 00:28	26° 5 39'49	
min. Earth dist.	-6388 Dec 22 j 07:28	16° 8 07'21	8.79644 AU	opposition	-6381 Mar 02 j 09:59	23° 5 24'46	2°51'20
	-6387 Jan 06 j 03:47	15° 8		min. Earth dist.	-6381 Mar 02 j 23:49	23° 5 22'15	9.25843 AU
direct	-6387 Mar 03 j 05:00	12° 8 41'00		direct	-6381 May 13 j 06:27	20° 5 06'01	
	-6387 Apr 27 j 00:14	15° 8		evening set	-6381 Aug 23 j 03:48	27° 5 00'59	
evening set	-6387 Jun 16 j 08:53	20° 8 06'28					
				conjunction	-6381 Sep 08 j 12:51	28° 5 53'46	2°24'14
conjunction	-6387 Jul 03 j 18:01	22° 8 09'39	0°30'37	minimum elong	-6381 Sep 08 j 12:51	28° 5 53'46	2°24'38
minimum elong	-6387 Jul 03 j 18:00	22° 8 09'38	0°30'56	max. Earth dist.	-6381 Sep 07 j 19:58	28° 5 48'53	11.24939 AU
max. Earth dist.	-6387 Jul 03 j 22:10	22° 8 10'53	10.86697 AU		-6381 Sep 18 j 02:28	0° 0	
morning rise	-6387 Jul 20 j 21:37	24° 8 11'14		morning rise	-6381 Sep 24 j 20:10	0° 0 46'06	
	-6387 Sep 20 j 07:46	0° 0		retrograde	-6380 Jan 02 j 11:30	7° 0 34'07	
retrograde	-6387 Oct 27 j 08:18	1° 0 09'56		opposition	-6380 Mar 13 j 02:41	4° 0 18'33	2°58'01
	-6387 Dec 04 j 03:41	30° 0		min. Earth dist.	-6380 Mar 13 j 18:01	4° 0 15'46	9.23714 AU
opposition	-6386 Jan 03 j 16:55	27° 0 52'03	0°54'46	direct	-6380 May 23 j 19:19	1° 0 00'14	
min. Earth dist.	-6386 Jan 03 j 15:31	27° 0 52'19	8.93177 AU	evening set	-6380 Sep 02 j 02:56	7° 0 55'02	
direct	-6386 Mar 15 j 20:05	24° 0 28'05					
	-6386 Jun 12 j 20:40	0° 0		conjunction	-6380 Sep 18 j 10:46	9° 0 48'00	2°27'01
evening set	-6386 Jun 28 j 12:46	1° 0 45'09		minimum elong	-6380 Sep 18 j 10:46	9° 0 48'00	2°27'22
				max. Earth dist.	-6380 Sep 17 j 16:38	9° 0 42'44	11.21265 AU
conjunction	-6386 Jul 15 j 16:52	3° 0 45'28	0°58'51	morning rise	-6380 Oct 04 j 17:32	11° 0 40'46	
minimum elong	-6386 Jul 15 j 16:50	3° 0 45'28	0°59'13		-6380 Nov 05 j 03:26	15° 0	
max. Earth dist.	-6386 Jul 15 j 16:10	3° 0 45'16	10.99302 AU	retrograde	-6379 Jan 13 j 02:07	18° 0 33'30	
morning rise	-6386 Aug 01 j 15:51	5° 0 44'20		opposition	-6379 Mar 24 j 21:50	15° 0 17'06	2°58'20
retrograde	-6386 Nov 07 j 20:01	12° 0 36'21		min. Earth dist.	-6379 Mar 25 j 14:22	15° 0 14'05	9.18519 AU
opposition	-6385 Jan 15 j 15:44	9° 0 19'43	1°27'31		-6379 Mar 28 j 19:48	15° 0	
min. Earth dist.	-6385 Jan 15 j 17:55	9° 0 19'19	9.04841 AU	direct	-6379 Jun 04 j 06:03	11° 0 58'58	
direct	-6385 Mar 28 j 05:16	5° 0 57'06			-6379 Aug 06 j 09:48	15° 0	
evening set	-6385 Jul 10 j 07:52	13° 0 47'00		evening set	-6379 Sep 13 j 03:15	18° 0 55'11	
conjunction	-6385 Jul 27 j 07:04	15° 0 44'51	1°24'10	conjunction	-6379 Sep 29 j 10:49	20° 0 48'56	2°24'25
minimum elong	-6385 Jul 27 j 07:01	15° 0 44'50	1°24'33	minimum elong	-6379 Sep 29 j 10:50	20° 0 48'57	2°24'42
max. Earth dist.	-6385 Jul 27 j 02:03	15° 0 03'23	11.09806 AU	max. Earth dist.	-6379 Sep 28 j 14:56	20° 0 43'07	11.14613 AU
morning rise	-6385 Aug 13 j 01:40	17° 0 01'22		morning rise	-6379 Oct 15 j 18:17	22° 0 42'47	
retrograde	-6385 Nov 19 j 04:39	23° 0 48'46		retrograde	-6378 Jan 24 j 23:16	29° 0 42'00	
opposition	-6384 Jan 27 j 10:50	20° 0 33'03	1°56'10	opposition	-6378 Apr 05 j 21:06	26° 0 24'28	2°52'04
min. Earth dist.	-6384 Jan 27 j 15:32	20° 0 32'10	9.14213 AU	min. Earth dist.	-6378 Apr 06 j 15:06	26° 0 21'10	9.10426 AU
direct	-6384 Apr 08 j 06:32	17° 0 11'42		direct	-6378 Jun 15 j 18:50	23° 0 06'17	
evening set	-6384 Jul 20 j 19:32	24° 0 15'43			-6378 Sep 23 j 11:58	0° 0	
				evening set	-6378 Sep 24 j 06:36	0° 0 05'23	
conjunction	-6384 Aug 06 j 14:19	26° 0 11'32	1°45'51	conjunction	-6378 Oct 10 j 14:53	2° 0 00'32	2°16'18
minimum elong	-6384 Aug 06 j 14:16	26° 0 11'31	1°46'15	minimum elong	-6378 Oct 10 j 14:55	2° 0 00'33	2°16'31
max. Earth dist.	-6384 Aug 06 j 06:39	26° 0 09'19	11.17843 AU	max. Earth dist.	-6378 Oct 09 j 17:42	1° 0 54'16	11.05239 AU
morning rise	-6384 Aug 23 j 04:50	28° 0 06'12		morning rise	-6378 Oct 27 j 00:17	3° 0 56'05	
	-6384 Sep 09 j 11:44	0° 0		retrograde	-6377 Feb 06 j 01:23	11° 0 03'26	
retrograde	-6384 Nov 29 j 12:08	4° 0 50'58		opposition	-6377 Apr 18 j 01:34	7° 0 44'28	2°39'04
opposition	-6383 Feb 07 j 03:24	1° 0 35'49	2°20'02	min. Earth dist.	-6377 Apr 18 j 20:03	7° 0 41'03	8.99764 AU
min. Earth dist.	-6383 Feb 07 j 10:54	1° 0 34'26	9.20974 AU	direct	-6377 Jun 27 j 10:20	4° 0 25'57	
	-6383 Mar 01 j 20:14	30° 0		evening set	-6377 Oct 05 j 14:47	11° 0 29'24	
direct	-6383 Apr 20 j 02:39	28° 0 15'34		max. Earth dist.	-6377 Oct 21 j 04:33	13° 0 20'24	10.93510 AU
	-6383 Jun 07 j 00:38	0° 0					
evening set	-6383 Aug 01 j 01:45	5° 0 15'08					
				conjunction	-6377 Oct 22 j 01:03	13° 0 26'33	2°02'39
conjunction	-6383 Aug 17 j 16:35	7° 0 09'24	2°03'21	minimum elong	-6377 Oct 22 j 01:06	13° 0 26'34	2°02'49

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Attention, astronomical year style is used: The year -6377 in astronomical counting style is the year 6378 BCE in historical counting style.

morning rise	-6377 Nov 07 j 13:20	15° \overline{m} 24'23		max. Earth dist.	-6370 Jan 05 j 16:03	29° \overline{m} .54'51	10.04904 AU
retrograde	-6376 Feb 18 j 13:37	22° \overline{m} 41'23			-6370 Jan 06 j 07:45	0° \overline{x}	
opposition	-6376 Apr 29 j 12:08	19° \overline{m} 20'41	2°19'21	morning rise	-6370 Jan 23 j 09:37	2° \overline{x} 13'28	
min. Earth dist.	-6376 Apr 30 j 05:33	19° \overline{m} 17'26	8.86951 AU	retrograde	-6370 May 11 j 10:55	10° \overline{x} 42'02	
direct	-6376 Jul 08 j 08:31	16° \overline{m} 01'36		opposition	-6370 Jul 19 j 00:54	7° \overline{x} 10'45	-1°22'11
evening set	-6376 Oct 16 j 05:40	23° \overline{m} 10'46		min. Earth dist.	-6370 Jul 18 j 22:51	7° \overline{x} 11'10	7.99082 AU
				direct	-6370 Sep 23 j 04:41	3° \overline{x} 44'53	
conjunction	-6376 Nov 01 j 18:59	25° \overline{m} 10'29	1°43'38	evening set	-6369 Jan 02 j 20:34	11° \overline{x} 51'11	
minimum elong	-6376 Nov 01 j 19:03	25° \overline{m} 10'30	1°43'42				
max. Earth dist.	-6376 Nov 01 j 00:29	25° \overline{m} 04'51	10.79863 AU	conjunction	-6369 Jan 20 j 12:42	14° \overline{x} 10'49	-1°20'53
morning rise	-6376 Nov 18 j 11:04	27° \overline{m} 11'09		minimum elong	-6369 Jan 20 j 12:38	14° \overline{x} 10'48	1°21'16
	-6376 Dec 13 j 08:31	0° \overline{u}		max. Earth dist.	-6369 Jan 20 j 18:00	14° \overline{x} 12'34	9.93997 AU
retrograde	-6375 Mar 02 j 12:18	4° \overline{u} 39'04		morning rise	-6369 Feb 07 j 09:51	16° \overline{x} 32'08	
opposition	-6375 May 12 j 05:48	1° \overline{u} 16'29	1°53'05	retrograde	-6369 May 26 j 16:40	25° \overline{x} 09'01	
min. Earth dist.	-6375 May 12 j 20:56	1° \overline{u} 13'37	8.72471 AU	opposition	-6369 Aug 02 j 16:58	21° \overline{x} 36'49	-1°59'57
	-6375 May 29 j 12:59	30° \overline{R} \overline{m}		min. Earth dist.	-6369 Aug 02 j 10:25	21° \overline{x} 38'11	7.89782 AU
direct	-6375 Jul 20 j 10:28	27° \overline{m} 56'38		direct	-6369 Oct 07 j 12:19	18° \overline{x} 09'42	
	-6375 Sep 08 j 00:26	0° \overline{u}		evening set	-6368 Jan 18 j 01:05	26° \overline{x} 25'23	
evening set	-6375 Oct 28 j 05:24	5° \overline{u} 12'55					
				conjunction	-6368 Feb 04 j 20:51	28° \overline{x} 47'16	-1°48'24
conjunction	-6375 Nov 13 j 22:24	7° \overline{u} 15'38	1°19'34	minimum elong	-6368 Feb 04 j 20:47	28° \overline{x} 47'15	1°48'49
minimum elong	-6375 Nov 13 j 22:27	7° \overline{u} 15'39	1°19'33	max. Earth dist.	-6368 Feb 05 j 07:21	28° \overline{x} 50'47	9.86308 AU
max. Earth dist.	-6375 Nov 13 j 05:35	7° \overline{u} 10'27	10.64831 AU		-6368 Feb 13 j 22:58	0° \overline{z}	
morning rise	-6375 Nov 30 j 19:06	9° \overline{u} 19'36		morning rise	-6368 Feb 22 j 20:59	1° \overline{z} 10'37	
retrograde	-6374 Mar 15 j 20:06	16° \overline{u} 59'30		retrograde	-6368 Jun 10 j 01:52	9° \overline{z} 52'15	
opposition	-6374 May 25 j 07:21	13° \overline{u} 34'58	1°20'49	opposition	-6368 Aug 16 j 12:40	6° \overline{z} 19'41	-2°30'38
min. Earth dist.	-6374 May 25 j 20:11	13° \overline{u} 32'30	8.56924 AU	min. Earth dist.	-6368 Aug 16 j 02:22	6° \overline{z} 21'50	7.84012 AU
direct	-6374 Aug 01 j 18:53	10° \overline{u} 14'09		direct	-6368 Oct 21 j 03:45	2° \overline{z} 51'23	
evening set	-6374 Nov 09 j 15:42	17° \overline{u} 38'54		evening set	-6367 Feb 01 j 15:01	11° \overline{z} 14'22	
conjunction	-6374 Nov 26 j 13:00	19° \overline{u} 44'59	0°51'05	conjunction	-6367 Feb 19 j 13:38	13° \overline{z} 37'40	-2°09'11
minimum elong	-6374 Nov 26 j 13:02	19° \overline{u} 45'00	0°50'59	minimum elong	-6367 Feb 19 j 13:35	13° \overline{z} 37'39	2°09'36
max. Earth dist.	-6374 Nov 25 j 22:28	19° \overline{u} 40'26	10.49062 AU	max. Earth dist.	-6367 Feb 20 j 04:39	13° \overline{z} 42'42	9.82413 AU
morning rise	-6374 Dec 13 j 14:58	21° \overline{u} 52'34		morning rise	-6367 Mar 09 j 15:45	16° \overline{z} 02'03	
retrograde	-6373 Mar 29 j 14:37	29° \overline{u} 45'11		retrograde	-6367 Jun 25 j 10:29	24° \overline{z} 44'14	
opposition	-6373 Jun 07 j 17:27	26° \overline{u} 18'41	0°43'25	opposition	-6367 Aug 31 j 09:47	21° \overline{z} 11'48	-2°51'33
min. Earth dist.	-6373 Jun 08 j 03:39	26° \overline{u} 16'41	8.41016 AU	min. Earth dist.	-6367 Aug 30 j 20:38	21° \overline{z} 14'34	7.82213 AU
direct	-6373 Aug 14 j 13:12	22° \overline{u} 56'43		direct	-6367 Nov 05 j 01:33	17° \overline{z} 42'34	
	-6373 Nov 18 j 09:42	0° \overline{m}		evening set	-6366 Feb 17 j 10:07	26° \overline{z} 09'50	
evening set	-6373 Nov 22 j 14:10	0° \overline{m} 31'05					
				conjunction	-6366 Mar 07 j 10:52	28° \overline{z} 33'35	-2°21'27
conjunction	-6373 Dec 09 j 16:16	2° \overline{m} 40'46	0°19'10	minimum elong	-6366 Mar 07 j 10:51	28° \overline{z} 33'35	2°21'51
minimum elong	-6373 Dec 09 j 16:17	2° \overline{m} 40'46	0°18'59	max. Earth dist.	-6366 Mar 08 j 05:38	28° \overline{z} 39'52	9.82640 AU
max. Earth dist.	-6373 Dec 09 j 05:22	2° \overline{m} 37'18	10.33283 AU		-6366 Mar 18 j 06:01	0° \overline{w}	
morning rise	-6373 Dec 26 j 23:41	4° \overline{m} .52'09		morning rise	-6366 Mar 25 j 14:00	0° \overline{w} 58'02	
retrograde	-6372 Apr 11 j 20:02	12° \overline{m} .57'37		retrograde	-6366 Jul 10 j 14:45	9° \overline{w} 36'15	
opposition	-6372 Jun 20 j 12:04	9° \overline{m} .29'16	0°02'20	opposition	-6366 Sep 15 j 05:22	6° \overline{w} 04'30	-3°00'53
min. Earth dist.	-6372 Jun 20 j 19:02	9° \overline{m} .27'54	8.25518 AU	min. Earth dist.	-6366 Sep 14 j 14:13	6° \overline{w} 07'41	7.84540 AU
desc. node	-6372 Jul 11 j 06:24	7° \overline{m} .54'21		direct	-6366 Nov 20 j 03:12	2° \overline{w} 34'37	
direct	-6372 Aug 26 j 16:19	6° \overline{m} .06'03		evening set	-6365 Mar 05 j 06:13	11° \overline{w} 02'40	
evening set	-6372 Dec 05 j 02:17	13° \overline{m} .50'55					
	-6372 Dec 14 j 02:38	15° \overline{m}		conjunction	-6365 Mar 23 j 08:23	13° \overline{w} 25'57	-2°24'17
				minimum elong	-6365 Mar 23 j 08:24	13° \overline{w} 25'57	2°24'37
conjunction	-6372 Dec 22 j 09:23	16° \overline{m} .04'12	-0°14'48	max. Earth dist.	-6365 Mar 24 j 05:41	13° \overline{w} 33'02	9.86996 AU
minimum elong	-6372 Dec 22 j 09:22	16° \overline{m} .04'11	0°15'05		-6365 Apr 04 j 04:27	15° \overline{w}	
behind sun begin	-6372 Dec 22 j 06:50	16° \overline{m} .03'23		morning rise	-6365 Apr 10 j 11:35	15° \overline{w} 49'28	
behind sun end	-6372 Dec 22 j 11:54	16° \overline{m} .05'00		retrograde	-6365 Jul 25 j 11:11	24° \overline{w} 19'29	
max. Earth dist.	-6372 Dec 22 j 03:28	16° \overline{m} .02'18	10.18280 AU	opposition	-6365 Sep 29 j 20:37	20° \overline{w} 48'54	-2°58'08
morning rise	-6371 Jan 08 j 21:56	18° \overline{m} .19'18		min. Earth dist.	-6365 Sep 29 j 04:12	20° \overline{w} 52'21	7.90833 AU
retrograde	-6371 Apr 26 j 11:15	26° \overline{m} .37'03		direct	-6365 Dec 05 j 05:51	17° \overline{w} 18'44	
opposition	-6371 Jul 04 j 14:44	23° \overline{m} .07'04	-0°40'24	evening set	-6364 Mar 19 j 22:31	25° \overline{w} 43'58	
min. Earth dist.	-6371 Jul 04 j 17:26	23° \overline{m} .06'32	8.11257 AU				
direct	-6371 Sep 09 j 05:23	19° \overline{m} .42'32		conjunction	-6364 Apr 07 j 01:18	28° \overline{w} 05'55	-2°17'42
evening set	-6371 Dec 19 j 04:33	27° \overline{m} .38'17		minimum elong	-6364 Apr 07 j 01:21	28° \overline{w} 05'56	2°17'58
				max. Earth dist.	-6364 Apr 07 j 23:45	28° \overline{w} 13'18	9.95165 AU
conjunction	-6370 Jan 05 j 16:24	29° \overline{m} .54'58	-0°48'52		-6364 Apr 21 j 14:10	0° \overline{H}	
minimum elong	-6370 Jan 05 j 16:22	29° \overline{m} .54'57	0°49'13	morning rise	-6364 Apr 25 j 03:40	0° \overline{H} 27'36	

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Attention, astronomical year style is used: The year -6364 in astronomical counting style is the year 6365 BCE in historical counting style.

retrograde	-6364 Aug 07 j 20:28	8° H 46'08		minimum elong	-6358 Jun 28 j 22:54	17° B 23'00	0°18'15
opposition	-6364 Oct 13 j 05:34	5° H 17'07	-2°44'00	max. Earth dist.	-6358 Jun 29 j 02:51	17° B 24'10	10.81773 AU
min. Earth dist.	-6364 Oct 12 j 12:33	5° H 20'39	8.00641 AU	morning rise	-6358 Jul 16 j 04:45	19° B 25'50	
direct	-6364 Dec 19 j 05:00	1° H 47'03		retrograde	-6358 Oct 22 j 19:17	26° B 27'54	
evening set	-6363 Apr 04 j 06:50	10° H 06'10		opposition	-6358 Dec 29 j 23:18	23° B 09'47	0°39'50
				min. Earth dist.	-6358 Dec 29 j 20:46	23° B 10'16	8.88427 AU
conjunction	-6363 Apr 22 j 09:19	12° H 26'02	-2°02'40	direct	-6357 Mar 10 j 22:46	19° B 45'35	
minimum elong	-6363 Apr 22 j 09:23	12° H 26'03	2°02'50	evening set	-6357 Jun 23 j 20:06	27° B 06'04	
max. Earth dist.	-6363 Apr 23 j 07:43	12° H 33'18	10.06559 AU				
morning rise	-6363 May 10 j 09:57	14° H 45'12		conjunction	-6357 Jul 11 j 02:25	29° B 07'32	0°47'11
retrograde	-6363 Aug 21 j 19:16	22° H 50'09		minimum elong	-6357 Jul 11 j 02:23	29° B 07'31	0°47'31
opposition	-6363 Oct 27 j 06:27	19° H 22'55	-2°20'16	max. Earth dist.	-6357 Jul 11 j 02:41	29° B 07'37	10.94780 AU
min. Earth dist.	-6363 Oct 26 j 13:29	19° H 26'24	8.13279 AU		-6357 Jul 18 j 12:09	0° II	
direct	-6362 Jan 02 j 21:53	15° H 53'19		morning rise	-6357 Jul 28 j 03:23	1° II 07'29	
evening set	-6362 Apr 19 j 04:28	24° H 03'51		retrograde	-6357 Nov 03 j 10:54	8° II 02'07	
				opposition	-6356 Jan 11 j 00:30	4° II 45'14	1°14'05
conjunction	-6362 May 07 j 05:45	26° H 21'03	-1°40'44	min. Earth dist.	-6356 Jan 11 j 01:13	4° II 45'06	9.00535 AU
minimum elong	-6362 May 07 j 05:49	26° H 21'04	1°40'49	direct	-6356 Mar 22 j 10:34	1° II 22'16	
max. Earth dist.	-6362 May 08 j 02:58	26° H 27'49	10.20388 AU	evening set	-6356 Jul 04 j 18:58	8° II 35'04	
morning rise	-6362 May 25 j 03:48	28° H 37'10					
	-6362 Jun 05 j 10:11	0° Y		conjunction	-6356 Jul 21 j 20:25	10° II 33'57	1°13'50
retrograde	-6362 Sep 04 j 07:11	6° Y 27'36		minimum elong	-6356 Jul 21 j 20:22	10° II 33'56	1°14'13
opposition	-6362 Nov 09 j 22:12	3° Y 02'18	-1°49'15	max. Earth dist.	-6356 Jul 21 j 17:04	10° II 32'58	11.05797 AU
min. Earth dist.	-6362 Nov 09 j 06:44	3° Y 05'26	8.27907 AU	morning rise	-6356 Aug 07 j 16:43	12° II 31'25	
	-6362 Dec 25 j 19:22	30° R H		retrograde	-6356 Nov 13 j 20:41	19° II 20'36	
direct	-6361 Jan 17 j 06:25	29° H 33'26		opposition	-6355 Jan 21 j 21:17	16° II 04'36	1°44'35
	-6361 Feb 08 j 18:28	0° Y		min. Earth dist.	-6355 Jan 22 j 02:02	16° II 03'43	9.10485 AU
evening set	-6361 May 03 j 13:42	7° Y 33'50		direct	-6355 Apr 03 j 13:32	12° II 42'44	
				evening set	-6355 Jul 16 j 09:48	19° II 49'11	
conjunction	-6361 May 21 j 12:43	9° Y 47'59	-1°13'51				
minimum elong	-6361 May 21 j 12:46	9° Y 48'00	1°13'50	conjunction	-6355 Aug 02 j 06:29	21° II 45'51	1°37'08
max. Earth dist.	-6361 May 22 j 07:16	9° Y 53'48	10.35735 AU	minimum elong	-6355 Aug 02 j 06:26	21° II 45'50	1°37'32
morning rise	-6361 Jun 08 j 07:25	12° Y 00'45		max. Earth dist.	-6355 Aug 01 j 22:35	21° II 43'34	11.14471 AU
retrograde	-6361 Sep 17 j 07:32	19° Y 36'52		morning rise	-6355 Aug 18 j 22:43	23° II 41'18	
opposition	-6361 Nov 23 j 04:56	16° Y 13'33	-1°13'32		-6355 Nov 01 j 21:44	0° B	
min. Earth dist.	-6361 Nov 22 j 16:18	16° Y 16'05	8.43594 AU	retrograde	-6355 Nov 25 j 02:54	0° B 27'02	
direct	-6360 Jan 31 j 06:33	12° Y 45'39			-6355 Dec 18 j 16:22	30° R II	
evening set	-6360 May 16 j 09:42	20° Y 35'18		opposition	-6354 Feb 02 j 14:48	27° II 11'35	2°10'34
				min. Earth dist.	-6354 Feb 02 j 23:02	27° II 10'04	9.17944 AU
conjunction	-6360 Jun 03 j 05:23	22° Y 46'08	-0°43'58	direct	-6354 Apr 15 j 12:32	23° II 50'40	
minimum elong	-6360 Jun 03 j 05:25	22° Y 46'09	0°43'51		-6354 Jul 19 j 23:22	0° B	
max. Earth dist.	-6360 Jun 03 j 19:40	22° Y 50'32	10.51638 AU	evening set	-6354 Jul 27 j 18:16	0° B 52'09	
morning rise	-6360 Jun 20 j 20:08	24° Y 55'28					
	-6360 Aug 07 j 21:13	0° B		conjunction	-6354 Aug 13 j 10:39	2° B 47'04	1°56'29
retrograde	-6360 Sep 28 j 19:54	2° B 18'25		minimum elong	-6354 Aug 13 j 10:36	2° B 47'03	1°56'53
	-6360 Nov 21 j 13:00	30° R Y		max. Earth dist.	-6354 Aug 12 j 23:02	2° B 43'43	11.20524 AU
opposition	-6360 Dec 05 j 02:47	28° Y 57'02	-0°35'28	morning rise	-6354 Aug 29 j 23:21	4° B 40'58	
min. Earth dist.	-6360 Dec 04 j 17:51	28° Y 58'47	8.59409 AU	retrograde	-6354 Dec 06 j 08:58	11° B 25'11	
direct	-6359 Feb 12 j 21:36	25° Y 30'16		opposition	-6353 Feb 14 j 06:20	8° B 09'57	2°31'26
	-6359 May 01 j 12:49	0° B		min. Earth dist.	-6353 Feb 14 j 16:54	8° B 08'01	9.22669 AU
evening set	-6359 May 29 j 16:47	3° B 09'23		direct	-6353 Apr 27 j 06:34	4° B 49'50	
				evening set	-6353 Aug 07 j 21:52	11° B 47'44	
conjunction	-6359 Jun 16 j 08:23	5° B 16'56	-0°12'53				
minimum elong	-6359 Jun 16 j 08:23	5° B 16'56	0°12'42	conjunction	-6353 Aug 24 j 10:47	13° B 41'27	2°11'24
behind sun begin	-6359 Jun 16 j 03:54	5° B 15'35		minimum elong	-6353 Aug 24 j 10:44	13° B 41'26	2°11'49
behind sun end	-6359 Jun 16 j 12:53	5° B 18'16		max. Earth dist.	-6353 Aug 23 j 21:08	13° B 37'30	11.23777 AU
max. Earth dist.	-6359 Jun 16 j 17:20	5° B 19'37	10.67213 AU	morning rise	-6353 Sep 09 j 20:32	15° B 34'20	
morning rise	-6359 Jul 03 j 18:49	7° B 22'54		retrograde	-6353 Dec 17 j 15:47	22° B 18'57	
retrograde	-6359 Oct 10 j 23:33	14° B 34'25		opposition	-6352 Feb 25 j 21:27	19° B 03'34	2°46'44
asc. node	-6359 Nov 19 j 06:44	13° B 17'18		min. Earth dist.	-6352 Feb 26 j 09:54	19° B 01'18	9.24526 AU
opposition	-6359 Dec 17 j 16:28	11° B 14'48	0°02'53	direct	-6352 May 07 j 20:41	15° B 44'07	
min. Earth dist.	-6359 Dec 17 j 11:00	11° B 15'51	8.74557 AU	evening set	-6352 Aug 17 j 22:16	22° B 39'51	
direct	-6358 Feb 26 j 02:30	7° B 49'18					
	-6358 Jun 08 j 19:56	15° B		conjunction	-6352 Sep 03 j 08:28	24° B 32'53	2°21'32
evening set	-6358 Jun 11 j 11:50	15° B 18'36		minimum elong	-6352 Sep 03 j 08:26	24° B 32'53	2°21'56
				max. Earth dist.	-6352 Sep 02 j 16:42	24° B 28'20	11.24140 AU
conjunction	-6358 Jun 28 j 22:55	17° B 23'00	0°17'58	morning rise	-6352 Sep 19 j 16:14	26° B 25'21	

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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.

	-6352 Oct 24 j 02:02	0°♊		morning rise	-6346 Nov 25 j 21:48	4°♊22'40	
retrograde	-6352 Dec 28 j 01:35	3°♊12'11		retrograde	-6345 Mar 10 j 11:35	11°♊57'22	
	-6351 Mar 07 j 17:27	30°♋		opposition	-6345 May 20 j 03:00	8°♋33'48	1°35'16
opposition	-6351 Mar 08 j 13:21	29°♋56'23	2°56'05	min. Earth dist.	-6345 May 20 j 16:45	8°♋31'11	8.63873 AU
min. Earth dist.	-6351 Mar 09 j 04:20	29°♋53'39	9.23464 AU	direct	-6345 Jul 27 j 21:46	5°♌13'35	
direct	-6351 May 19 j 08:11	26°♌37'22		evening set	-6345 Nov 04 j 17:29	12°♌34'37	
	-6351 Jul 26 j 00:04	0°♌					
evening set	-6351 Aug 28 j 21:30	3°♌32'25		conjunction	-6345 Nov 21 j 12:55	14°♌39'12	1°03'42
max. Earth dist.	-6351 Sep 13 j 11:16	5°♌20'00	11.21615 AU	minimum elong	-6345 Nov 21 j 12:58	14°♌39'13	1°03'39
				max. Earth dist.	-6345 Nov 20 j 23:00	14°♌34'52	10.56293 AU
conjunction	-6351 Sep 14 j 05:45	5°♌25'22	2°26'34	morning rise	-6345 Dec 08 j 12:31	16°♌45'10	
minimum elong	-6351 Sep 14 j 05:45	5°♌25'22	2°26'56	retrograde	-6344 Mar 23 j 02:09	24°♌32'15	
morning rise	-6351 Sep 30 j 12:45	7°♌18'01		opposition	-6344 Jun 01 j 09:28	21°♌06'52	0°59'51
retrograde	-6350 Jan 08 j 11:42	14°♌08'49		min. Earth dist.	-6344 Jun 01 j 19:55	21°♌04'51	8.48490 AU
opposition	-6350 Mar 20 j 07:08	10°♌52'17	2°59'10	direct	-6344 Aug 08 j 12:45	17°♌45'47	
min. Earth dist.	-6350 Mar 21 j 00:05	10°♌49'12	9.19518 AU	evening set	-6344 Nov 16 j 10:49	25°♌15'50	
direct	-6350 May 30 j 18:34	7°♌33'33					
evening set	-6350 Sep 08 j 21:01	14°♌29'24		conjunction	-6344 Dec 03 j 10:55	27°♌23'54	0°33'04
	-6350 Sep 13 j 07:43	15°♌		minimum elong	-6344 Dec 03 j 10:56	27°♌23'54	0°32'55
max. Earth dist.	-6350 Sep 24 j 08:52	16°♌17'07	11.16279 AU	max. Earth dist.	-6344 Dec 03 j 00:30	27°♌20'37	10.40865 AU
				morning rise	-6344 Dec 20 j 15:45	29°♌33'34	
conjunction	-6350 Sep 25 j 04:32	16°♌22'51	2°26'17		-6344 Dec 24 j 05:38	0°♍	
minimum elong	-6350 Sep 25 j 04:32	16°♌22'51	2°26'36	retrograde	-6343 Apr 06 j 04:37	7°♍33'21	
morning rise	-6350 Oct 11 j 11:43	18°♌16'17		opposition	-6343 Jun 15 j 00:33	4°♍06'14	0°20'06
retrograde	-6349 Jan 20 j 06:05	25°♌12'50		min. Earth dist.	-6343 Jun 15 j 07:17	4°♍04'55	8.33144 AU
opposition	-6349 Apr 01 j 04:27	21°♌55'18	2°55'43	direct	-6343 Aug 21 j 10:42	0°♍44'06	
min. Earth dist.	-6349 Apr 01 j 21:43	21°♌52'08	9.12800 AU	evening set	-6343 Nov 29 j 17:10	8°♍24'07	
direct	-6349 Jun 11 j 08:26	18°♌36'40		desc. node	-6343 Dec 14 j 03:53	10°♍14'31	
evening set	-6349 Sep 19 j 22:33	25°♌34'40					
max. Earth dist.	-6349 Oct 05 j 11:19	27°♌23'36	11.08282 AU	conjunction	-6343 Dec 16 j 21:58	10°♍35'43	-0°00'16
				minimum elong	-6343 Dec 16 j 21:59	10°♍35'44	0°00'30
conjunction	-6349 Oct 06 j 06:32	27°♌29'16	2°20'32	behind sun begin	-6343 Dec 16 j 14:50	10°♍33'28	
minimum elong	-6349 Oct 06 j 06:34	27°♌29'17	2°20'47	behind sun end	-6343 Dec 17 j 05:08	10°♍38'00	
morning rise	-6349 Oct 22 j 14:57	29°♌24'07		max. Earth dist.	-6343 Dec 16 j 15:05	10°♍33'32	10.25831 AU
	-6349 Oct 27 j 20:25	0°♎		morning rise	-6342 Jan 03 j 08:10	12°♎49'07	
retrograde	-6348 Feb 01 j 06:53	6°♎28'03			-6342 Jan 21 j 05:38	15°♎	
opposition	-6348 Apr 12 j 06:25	3°♎09'16	2°45'35	retrograde	-6342 Apr 20 j 16:15	21°♎01'21	
min. Earth dist.	-6348 Apr 12 j 23:13	3°♎06'10	9.03514 AU	opposition	-6342 Jun 29 j 00:03	17°♎32'36	-0°22'13
	-6348 Jun 07 j 23:53	30°♏		min. Earth dist.	-6342 Jun 29 j 03:12	17°♎31'58	8.18618 AU
direct	-6348 Jun 21 j 21:57	29°♏50'34			-6342 Aug 04 j 01:44	15°♏	
	-6348 Jul 05 j 17:15	0°♎		direct	-6342 Sep 03 j 19:07	14°♎09'15	
evening set	-6348 Sep 30 j 04:23	6°♎52'12			-6342 Oct 04 j 00:59	15°♎	
				evening set	-6342 Dec 13 j 13:26	21°♎59'49	
conjunction	-6348 Oct 16 j 13:48	8°♎48'31	2°09'14				
minimum elong	-6348 Oct 16 j 13:51	8°♎48'32	2°09'25	conjunction	-6342 Dec 30 j 22:59	24°♎14'52	-0°34'32
max. Earth dist.	-6348 Oct 15 j 18:27	8°♎42'45	10.97876 AU	minimum elong	-6342 Dec 30 j 22:57	24°♎14'52	0°34'50
morning rise	-6348 Nov 02 j 00:39	10°♎45'22		max. Earth dist.	-6342 Dec 30 j 20:06	24°♎13'56	10.11981 AU
retrograde	-6347 Feb 12 j 15:22	17°♎58'12		morning rise	-6341 Jan 17 j 14:12	26°♎31'46	
opposition	-6347 Apr 24 j 14:02	14°♎38'00	2°28'41		-6341 Feb 15 j 09:30	0°♏	
min. Earth dist.	-6347 Apr 25 j 06:36	14°♎34'55	8.91967 AU	retrograde	-6341 May 05 j 12:23	4°♏55'20	
direct	-6347 Jul 03 j 15:48	11°♎18'58		opposition	-6341 Jul 13 j 07:13	1°♏25'10	-1°04'43
evening set	-6347 Oct 11 j 16:14	18°♎25'43		min. Earth dist.	-6341 Jul 13 j 07:05	1°♏25'11	8.05688 AU
max. Earth dist.	-6347 Oct 27 j 08:44	20°♎18'29	10.85418 AU		-6341 Jul 31 j 08:52	30°♏	
				direct	-6341 Sep 17 j 14:14	28°♎00'28	
conjunction	-6347 Oct 28 j 04:01	20°♎24'19	1°52'27		-6341 Nov 03 j 06:17	0°♏	
minimum elong	-6347 Oct 28 j 04:05	20°♎24'20	1°52'34	evening set	-6341 Dec 27 j 23:38	6°♏01'40	
morning rise	-6347 Nov 13 j 18:26	22°♎23'45					
retrograde	-6346 Feb 25 j 08:46	29°♎46'54		conjunction	-6340 Jan 14 j 13:41	8°♏19'51	-1°07'41
opposition	-6346 May 07 j 04:39	26°♎25'05	2°05'08	minimum elong	-6340 Jan 14 j 13:38	8°♏19'50	1°08'03
min. Earth dist.	-6346 May 07 j 20:33	26°♎22'06	8.78577 AU	max. Earth dist.	-6340 Jan 14 j 15:23	8°♏20'24	10.00050 AU
direct	-6346 Jul 15 j 15:06	23°♎05'33		morning rise	-6340 Feb 01 j 09:16	10°♏39'49	
	-6346 Oct 20 j 20:53	0°♐		retrograde	-6340 May 19 j 15:14	19°♏12'46	
evening set	-6346 Oct 23 j 11:52	0°♐18'46		opposition	-6340 Jul 26 j 20:50	15°♏41'33	-1°44'31
max. Earth dist.	-6346 Nov 08 j 09:50	2°♐14'52	10.71369 AU	min. Earth dist.	-6340 Jul 26 j 17:17	15°♏42'16	7.95056 AU
				direct	-6340 Sep 30 j 18:51	12°♏15'31	
conjunction	-6346 Nov 09 j 03:04	2°♐20'09	1°30'26	evening set	-6339 Jan 10 j 22:52	20°♏26'45	
minimum elong	-6346 Nov 09 j 03:07	2°♐20'10	1°30'28				
































































































































































































Planetary Phenomena of Saturn from -6400 through -5898 (UT), AstroDienst AG 18-Feb-2025 14:23, page 6

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

conjunction	-6339 Jan 28 j 16:53	22° ♁ 47'32	-1°37'23	opposition	-6334 Oct 21 j 18:23	13° ♁ 41'28	-2°31'33
minimum elong	-6339 Jan 28 j 16:49	22° ♁ 47'30	1°37'47	min. Earth dist.	-6334 Oct 21 j 02:23	13° ♁ 44'47	8.07003 AU
max. Earth dist.	-6339 Jan 28 j 23:36	22° ♁ 49'46	9.90754 AU	direct	-6334 Dec 28 j 01:39	10° ♁ 11'20	
morning rise	-6339 Feb 15 j 15:49	25° ♁ 09'54		evening set	-6333 Apr 13 j 07:47	18° ♁ 25'54	
	-6339 Mar 28 j 06:39	0° ♁					
retrograde	-6339 Jun 03 j 22:55	3° ♁ 49'24		conjunction	-6333 May 01 j 09:41	20° ♁ 44'24	-1°50'54
opposition	-6339 Aug 10 j 15:10	0° ♁ 17'33	-2°18'33	minimum elong	-6333 May 01 j 09:45	20° ♁ 44'25	1°51'01
min. Earth dist.	-6339 Aug 10 j 07:53	0° ♁ 19'04	7.87452 AU	max. Earth dist.	-6333 May 02 j 06:29	20° ♁ 51'05	10.13464 AU
	-6339 Aug 14 j 03:43	30° ♁		morning rise	-6333 May 19 j 09:01	23° ♁ 01'57	
direct	-6339 Oct 15 j 07:40	26° ♁ 50'16			-6333 Jul 28 j 08:26	0° ♁	
	-6339 Dec 13 j 13:16	0° ♁		retrograde	-6333 Aug 30 j 01:27	0° ♁ 58'50	
evening set	-6338 Jan 26 j 08:57	5° ♁ 09'58			-6333 Oct 02 j 00:04	30° ♁	
				opposition	-6333 Nov 04 j 14:02	27° ♁ 32'20	-2°03'22
conjunction	-6338 Feb 13 j 06:18	7° ♁ 32'35	-2°01'16	min. Earth dist.	-6333 Nov 03 j 23:23	27° ♁ 35'20	8.20526 AU
minimum elong	-6338 Feb 13 j 06:15	7° ♁ 32'34	2°01'41	direct	-6332 Jan 11 j 14:56	24° ♁ 02'40	
max. Earth dist.	-6338 Feb 13 j 18:22	7° ♁ 36'37	9.84849 AU		-6332 Apr 09 j 04:43	0° ♁	
morning rise	-6338 Mar 03 j 07:36	9° ♁ 56'29		evening set	-6332 Apr 26 j 22:20	2° ♁ 07'48	
retrograde	-6338 Jun 19 j 07:54	18° ♁ 38'39					
opposition	-6338 Aug 25 j 11:59	15° ♁ 06'36	-2°43'54	conjunction	-6332 May 14 j 22:22	4° ♁ 23'23	-1°25'55
min. Earth dist.	-6338 Aug 25 j 00:54	15° ♁ 08'56	7.83545 AU	minimum elong	-6332 May 14 j 22:26	4° ♁ 23'25	1°25'56
direct	-6338 Oct 30 j 03:34	11° ♁ 38'11		max. Earth dist.	-6332 May 15 j 16:23	4° ♁ 29'05	10.27943 AU
evening set	-6337 Feb 11 j 02:22	20° ♁ 03'43		morning rise	-6332 Jun 01 j 18:49	6° ♁ 37'46	
				retrograde	-6332 Sep 11 j 05:06	14° ♁ 20'12	
conjunction	-6337 Mar 01 j 02:21	22° ♁ 27'18	-2°17'20	min. Earth dist.	-6332 Nov 16 j 11:20	10° ♁ 58'14	8.35594 AU
minimum elong	-6337 Mar 01 j 02:19	22° ♁ 27'17	2°17'45	opposition	-6332 Nov 17 j 00:33	10° ♁ 55'35	-1°29'22
max. Earth dist.	-6337 Mar 01 j 19:14	22° ♁ 32'57	9.82892 AU	direct	-6331 Jan 24 j 20:04	7° ♁ 26'43	
morning rise	-6337 Mar 19 j 05:02	24° ♁ 51'44		evening set	-6331 May 10 j 23:38	15° ♁ 21'19	
	-6337 May 01 j 11:49	0° ♁					
retrograde	-6337 Jul 04 j 14:14	3° ♁ 32'03		conjunction	-6331 May 28 j 20:54	17° ♁ 33'42	-0°57'05
opposition	-6337 Sep 09 j 08:33	0° ♁ 00'17	-2°58'21	minimum elong	-6331 May 28 j 20:57	17° ♁ 33'43	0°57'01
min. Earth dist.	-6337 Sep 08 j 18:19	0° ♁ 03'16	7.83693 AU	max. Earth dist.	-6331 May 29 j 11:59	17° ♁ 38'23	10.43518 AU
	-6337 Sep 09 j 09:52	30° ♁		morning rise	-6331 Jun 15 j 13:42	19° ♁ 44'41	
direct	-6337 Nov 14 j 04:00	26° ♁ 30'57		retrograde	-6331 Sep 23 j 21:36	27° ♁ 13'27	
	-6336 Jan 15 j 23:31	0° ♁		opposition	-6331 Nov 30 j 01:55	23° ♁ 50'42	-0°52'01
evening set	-6336 Feb 26 j 22:48	4° ♁ 58'57		min. Earth dist.	-6331 Nov 29 j 14:42	23° ♁ 52'56	8.51348 AU
				direct	-6330 Feb 07 j 15:17	20° ♁ 22'55	
conjunction	-6336 Mar 16 j 00:33	7° ♁ 22'30	-2°24'16	evening set	-6330 May 24 j 12:00	28° ♁ 06'45	
minimum elong	-6336 Mar 16 j 00:33	7° ♁ 22'30	2°24'37		-6330 Jun 09 j 01:48	0° ♁	
max. Earth dist.	-6336 Mar 16 j 20:56	7° ♁ 29'17	9.85078 AU				
morning rise	-6336 Apr 03 j 03:37	9° ♁ 46'27		conjunction	-6330 Jun 11 j 05:41	0° ♁ 15'51	-0°26'19
	-6336 May 17 j 14:05	15° ♁		minimum elong	-6330 Jun 11 j 05:42	0° ♁ 15'51	0°26'09
retrograde	-6336 Jul 18 j 14:23	18° ♁ 20'27		max. Earth dist.	-6330 Jun 11 j 17:31	0° ♁ 19'27	10.59339 AU
	-6336 Sep 20 j 23:45	15° ♁		morning rise	-6330 Jun 28 j 18:10	2° ♁ 23'22	
min. Earth dist.	-6336 Sep 22 j 09:55	14° ♁ 52'49	7.87906 AU	retrograde	-6330 Oct 06 j 06:21	9° ♁ 39'49	
opposition	-6336 Sep 23 j 01:58	14° ♁ 49'27	-3°00'47	opposition	-6330 Dec 12 j 18:41	6° ♁ 18'54	-0°13'34
direct	-6336 Nov 28 j 05:58	11° ♁ 19'29		min. Earth dist.	-6330 Dec 12 j 10:24	6° ♁ 20'31	8.66985 AU
	-6335 Feb 01 j 10:18	15° ♁		direct	-6329 Feb 20 j 22:47	2° ♁ 52'21	
evening set	-6335 Mar 13 j 17:14	19° ♁ 46'17		asc. node	-6329 Apr 25 j 21:52	6° ♁ 00'20	
				evening set	-6329 Jun 06 j 11:57	10° ♁ 25'52	
conjunction	-6335 Mar 31 j 19:56	22° ♁ 08'54	-2°21'39				
minimum elong	-6335 Mar 31 j 19:58	22° ♁ 08'55	2°21'57	conjunction	-6329 Jun 24 j 01:17	12° ♁ 31'42	0°04'52
max. Earth dist.	-6335 Apr 01 j 18:13	22° ♁ 16'16	9.91255 AU	minimum elong	-6329 Jun 24 j 01:16	12° ♁ 31'42	0°05'06
morning rise	-6335 Apr 18 j 22:34	24° ♁ 31'26		behind sun begin	-6329 Jun 23 j 18:19	12° ♁ 29'38	
	-6335 Jun 05 j 13:26	0° ♁		behind sun end	-6329 Jun 24 j 08:13	12° ♁ 33'46	
retrograde	-6335 Aug 02 j 05:15	2° ♁ 55'21		max. Earth dist.	-6329 Jun 24 j 09:20	12° ♁ 34'06	10.74645 AU
	-6335 Sep 30 j 16:22	30° ♁		morning rise	-6329 Jul 11 j 09:03	14° ♁ 35'54	
opposition	-6335 Oct 07 j 13:55	29° ♁ 25'32	-2°51'24		-6329 Jul 14 j 19:24	15° ♁	
min. Earth dist.	-6335 Oct 06 j 21:16	29° ♁ 29'01	7.95874 AU	retrograde	-6329 Oct 18 j 05:05	21° ♁ 41'49	
direct	-6335 Dec 13 j 05:53	25° ♁ 55'18		opposition	-6329 Dec 25 j 04:12	18° ♁ 22'36	0°24'10
	-6334 Feb 21 j 00:08	0° ♁		min. Earth dist.	-6329 Dec 24 j 23:47	18° ♁ 23'27	8.81800 AU
evening set	-6334 Mar 29 j 05:15	4° ♁ 17'23			-6328 Feb 26 j 15:45	15° ♁	
				direct	-6328 Mar 04 j 21:41	14° ♁ 57'24	
conjunction	-6334 Apr 16 j 08:03	6° ♁ 38'16	-2°10'05		-6328 Mar 12 j 04:30	15° ♁	
minimum elong	-6334 Apr 16 j 08:06	6° ♁ 38'18	2°10'17	evening set	-6328 Jun 18 j 00:19	22° ♁ 21'26	
max. Earth dist.	-6334 Apr 17 j 06:30	6° ♁ 45'36	10.00956 AU				
morning rise	-6334 May 04 j 09:27	8° ♁ 58'37		conjunction	-6328 Jul 05 j 08:45	24° ♁ 24'09	0°34'50
retrograde	-6334 Aug 16 j 09:22	17° ♁ 09'44		minimum elong	-6328 Jul 05 j 08:44	24° ♁ 24'09	0°35'08

Planetary Phenomena of Saturn from -6400 through -5898 (UT), Astrodienst AG 18-Feb-2025 14:23, page 7

Attention, astronomical year style is used: The year -6328 in astronomical counting style is the year 6329 BCE in historical counting style.

max. Earth dist.	-6328 Jul 05 j 11:56	24°  25'06	10.88780 AU	retrograde	-6321 Jan 03 j 21:46	9°  36'27	
morning rise	-6328 Jul 22 j 11:50	26°  25'19		opposition	-6321 Mar 15 j 13:39	6°  20'50	2°58'25
	-6328 Aug 24 j 20:07	0°  II		min. Earth dist.	-6321 Mar 16 j 04:50	6°  18'05	9.23814 AU
retrograde	-6328 Oct 28 j 20:43	3°  II22'44		direct	-6321 May 26 j 05:10	3°  02'36	
opposition	-6327 Jan 05 j 07:17	0°  II04'59	0°59'41	evening set	-6321 Sep 04 j 12:02	9°  57'12	
min. Earth dist.	-6327 Jan 05 j 06:23	0°  II05'09	8.95186 AU				
	-6327 Jan 06 j 09:36	30°  R  8		conjunction	-6321 Sep 20 j 19:47	11°  050'09	2°26'59
direct	-6327 Mar 17 j 13:09	26°  841'09		minimum elong	-6321 Sep 20 j 19:47	11°  050'09	2°27'19
	-6327 May 23 j 11:22	0°  II		max. Earth dist.	-6321 Sep 20 j 01:21	11°  044'47	11.21203 AU
evening set	-6327 Jun 30 j 02:38	3°  II56'51		morning rise	-6321 Oct 07 j 02:31	13°  042'55	
					-6321 Oct 18 j 15:00	15°  0	
conjunction	-6327 Jul 17 j 06:06	5°  II56'46	1°02'40	retrograde	-6320 Jan 15 j 13:23	20°  035'57	
minimum elong	-6327 Jul 17 j 06:03	5°  II56'45	1°03'02	opposition	-6320 Mar 26 j 09:05	17°  019'30	2°57'51
max. Earth dist.	-6327 Jul 17 j 04:37	5°  II56'20	11.01202 AU	min. Earth dist.	-6320 Mar 27 j 02:12	17°  016'23	9.18294 AU
morning rise	-6327 Aug 03 j 04:35	7°  II55'14			-6320 Apr 30 j 19:05	15°  R  0	
retrograde	-6327 Nov 09 j 07:34	14°  II46'10		direct	-6320 Jun 05 j 16:19	14°  001'25	
opposition	-6326 Jan 17 j 05:03	11°  II29'37	1°31'52		-6320 Jul 10 j 18:04	15°  0	
min. Earth dist.	-6326 Jan 17 j 07:02	11°  II29'15	9.06629 AU	evening set	-6320 Sep 14 j 12:19	20°  057'34	
direct	-6326 Mar 29 j 19:45	8°  II07'07					
evening set	-6326 Jul 11 j 20:19	15°  II15'48		conjunction	-6320 Sep 30 j 19:49	22°  051'23	2°23'38
				minimum elong	-6320 Sep 30 j 19:51	22°  051'24	2°23'55
conjunction	-6326 Jul 28 j 19:04	17°  II13'18	1°27'28	max. Earth dist.	-6320 Sep 29 j 23:01	22°  045'18	11.14233 AU
minimum elong	-6326 Jul 28 j 19:01	17°  II13'17	1°27'52	morning rise	-6320 Oct 17 j 03:32	24°  045'20	
max. Earth dist.	-6326 Jul 28 j 14:13	17°  II11'53	11.11451 AU		-6320 Dec 10 j 02:22	0°  R  0	
morning rise	-6326 Aug 14 j 13:06	19°  II09'29		retrograde	-6319 Jan 26 j 09:09	1°  R  45'03	
retrograde	-6326 Nov 20 j 15:50	25°  II56'01			-6319 Mar 16 j 10:02	30°  R  0	
opposition	-6325 Jan 28 j 23:18	22°  II40'21	1°59'51	opposition	-6319 Apr 07 j 08:35	28°  027'26	2°50'41
min. Earth dist.	-6325 Jan 29 j 04:07	22°  II39'28	9.15713 AU	min. Earth dist.	-6319 Apr 08 j 03:19	28°  024'00	9.09873 AU
direct	-6325 Apr 10 j 20:20	19°  II19'06		direct	-6319 Jun 17 j 04:39	25°  009'16	
evening set	-6325 Jul 23 j 06:57	26°  II22'07			-6319 Sep 06 j 10:13	0°  R  0	
				evening set	-6319 Sep 25 j 15:54	2°  R  08'34	
conjunction	-6325 Aug 09 j 01:16	28°  II17'37	1°48'34	max. Earth dist.	-6319 Oct 11 j 03:06	3°  R  57'34	11.04519 AU
minimum elong	-6325 Aug 09 j 01:13	28°  II17'36	1°48'58				
max. Earth dist.	-6325 Aug 08 j 17:25	28°  II15'21	11.19173 AU	conjunction	-6319 Oct 12 j 00:22	4°  R  03'51	2°14'47
	-6325 Aug 23 j 20:59	0°  R  0		minimum elong	-6319 Oct 12 j 00:24	4°  R  03'52	2°14'59
morning rise	-6325 Aug 25 j 15:16	0°  R  012'00		morning rise	-6319 Oct 28 j 10:01	5°  R  59'34	
retrograde	-6325 Dec 01 j 23:03	6°  R  056'07		retrograde	-6318 Feb 07 j 13:21	13°  R  07'41	
opposition	-6324 Feb 09 j 15:18	3°  R  041'02	2°22'57	opposition	-6318 Apr 19 j 13:17	9°  R  48'36	2°36'48
min. Earth dist.	-6324 Feb 09 j 23:43	3°  R  039'29	9.22144 AU	min. Earth dist.	-6318 Apr 20 j 07:47	9°  R  45'11	8.98861 AU
direct	-6324 Apr 21 j 14:18	0°  R  020'52		direct	-6318 Jun 28 j 22:16	6°  R  30'07	
evening set	-6324 Aug 02 j 12:19	7°  R  019'36		evening set	-6318 Oct 07 j 00:34	13°  R  33'59	
conjunction	-6324 Aug 19 j 02:36	9°  R  013'38	2°05'26	conjunction	-6318 Oct 23 j 11:12	15°  R  31'22	2°00'26
minimum elong	-6324 Aug 19 j 02:33	9°  R  013'37	2°05'50	minimum elong	-6318 Oct 23 j 11:15	15°  R  31'23	2°00'34
max. Earth dist.	-6324 Aug 18 j 14:48	9°  R  010'14	11.24136 AU	max. Earth dist.	-6318 Oct 22 j 15:02	15°  R  25'20	10.92437 AU
morning rise	-6324 Sep 04 j 13:29	11°  R  006'45		morning rise	-6318 Nov 08 j 23:45	17°  R  29'27	
retrograde	-6324 Sep 12 j 03:26	17°  R  050'21		retrograde	-6317 Feb 20 j 03:32	24°  R  47'27	
opposition	-6323 Feb 20 j 06:07	14°  R  035'27	2°40'40	opposition	-6317 May 02 j 00:32	21°  R  26'39	2°16'13
min. Earth dist.	-6323 Feb 20 j 17:50	14°  R  033'19	9.25720 AU	min. Earth dist.	-6317 May 02 j 17:34	21°  R  23'29	8.85702 AU
direct	-6323 May 03 j 05:02	11°  R  016'08		direct	-6317 Jul 10 j 18:47	18°  R  07'37	
evening set	-6323 Aug 13 j 13:47	18°  R  012'06		evening set	-6317 Oct 18 j 16:17	25°  R  17'26	
max. Earth dist.	-6323 Aug 29 j 09:50	20°  R  000'49	11.26183 AU	max. Earth dist.	-6317 Nov 03 j 10:59	27°  R  11'41	10.78467 AU
conjunction	-6323 Aug 30 j 00:54	20°  R  005'10	2°17'40	conjunction	-6317 Nov 04 j 05:57	27°  R  17'27	1°40'43
minimum elong	-6323 Aug 30 j 00:52	20°  R  005'10	2°18'04	minimum elong	-6317 Nov 04 j 06:00	27°  R  17'28	1°40'47
morning rise	-6323 Sep 15 j 09:32	21°  R  005'734		morning rise	-6317 Nov 20 j 22:28	29°  R  18'27	
retrograde	-6323 Dec 23 j 11:17	28°  R  042'32			-6317 Nov 26 j 19:17	0°  R  0	
opposition	-6322 Mar 03 j 21:06	25°  R  027'28	2°52'36	retrograde	-6316 Mar 04 j 02:11	6°  R  47'37	
min. Earth dist.	-6322 Mar 04 j 10:47	25°  R  024'59	9.26298 AU	opposition	-6316 May 13 j 19:10	3°  R  24'56	1°49'09
direct	-6322 May 14 j 18:37	22°  R  008'48		min. Earth dist.	-6316 May 14 j 10:26	3°  R  22'02	8.70923 AU
evening set	-6322 Aug 24 j 13:05	29°  R  003'21		direct	-6316 Jul 21 j 21:15	0°  R  005'04	
	-6322 Sep 01 j 19:45	0°  R  0		evening set	-6316 Oct 29 j 17:13	7°  R  22'18	
conjunction	-6322 Sep 09 j 22:02	0°  R  056'03	2°24'56	conjunction	-6316 Nov 15 j 10:35	9°  R  25'23	1°16'02
minimum elong	-6322 Sep 09 j 22:01	0°  R  056'03	2°25'18	minimum elong	-6316 Nov 15 j 10:39	9°  R  25'24	1°16'01
max. Earth dist.	-6322 Sep 09 j 05:30	0°  R  051'17	11.25211 AU	max. Earth dist.	-6316 Nov 14 j 16:54	9°  R  19'55	10.63173 AU
morning rise	-6322 Sep 26 j 05:08	2°  R  048'20		morning rise	-6316 Dec 02 j 07:56	11°  R  29'44	

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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.

retrograde	-6315 Mar 17 j 11:23	19° <u>♏</u> 11'05		conjunction	-6309 Feb 06 j 18:54	1° <u>♊</u> 17'40	-1°51'35
opposition	-6315 May 26 j 21:42	15° <u>♏</u> 46'26	1°16'09	minimum elong	-6309 Feb 06 j 18:50	1° <u>♊</u> 17'38	1°51'59
min. Earth dist.	-6315 May 27 j 11:10	15° <u>♏</u> 43'50	8.55149 AU	max. Earth dist.	-6309 Feb 07 j 05:19	1° <u>♊</u> 21'09	9.85185 AU
direct	-6315 Aug 03 j 07:51	12° <u>♏</u> 25'32		morning rise	-6309 Feb 24 j 19:22	3° <u>♊</u> 41'16	
evening set	-6315 Nov 11 j 04:52	19° <u>♏</u> 51'28		retrograde	-6309 Jun 13 j 01:00	12° <u>♊</u> 23'35	
max. Earth dist.	-6315 Nov 27 j 11:58	21° <u>♏</u> 53'22	10.47215 AU	opposition	-6309 Aug 19 j 09:18	8° <u>♊</u> 50'55	-2°34'02
				min. Earth dist.	-6309 Aug 18 j 23:05	8° <u>♊</u> 53'03	7.83120 AU
conjunction	-6315 Nov 28 j 02:40	21° <u>♏</u> 57'59	0°47'03	direct	-6309 Oct 24 j 00:06	5° <u>♊</u> 22'23	
minimum elong	-6315 Nov 28 j 02:42	21° <u>♏</u> 58'00	0°46'57	evening set	-6308 Feb 04 j 13:57	13° <u>♊</u> 46'23	
morning rise	-6315 Dec 15 j 05:15	24° <u>♏</u> 06'02					
	-6314 Feb 09 j 15:49	0° <u>♏</u>		conjunction	-6308 Feb 22 j 12:47	16° <u>♊</u> 09'50	-2°11'20
retrograde	-6314 Mar 31 j 07:36	2° <u>♏</u> 00'13		minimum elong	-6308 Feb 22 j 12:44	16° <u>♊</u> 09'49	2°11'44
	-6314 May 21 j 07:18	30° <u>♏</u>		max. Earth dist.	-6308 Feb 23 j 03:45	16° <u>♊</u> 14'51	9.81751 AU
opposition	-6314 Jun 09 j 08:55	28° <u>♏</u> 33'36	0°38'12	morning rise	-6308 Mar 11 j 15:09	18° <u>♊</u> 34'23	
min. Earth dist.	-6314 Jun 09 j 19:27	28° <u>♏</u> 31'32	8.39100 AU	retrograde	-6308 Jun 27 j 08:48	27° <u>♊</u> 16'40	
direct	-6314 Aug 16 j 02:29	25° <u>♏</u> 11'32		opposition	-6308 Sep 02 j 06:41	23° <u>♊</u> 44'11	-2°53'29
	-6314 Oct 31 j 19:00	0° <u>♏</u>		min. Earth dist.	-6308 Sep 01 j 17:40	23° <u>♊</u> 46'56	7.81800 AU
evening set	-6314 Nov 24 j 04:52	2° <u>♏</u> 47'16		direct	-6308 Nov 06 j 23:47	20° <u>♊</u> 14'45	
				evening set	-6307 Feb 19 j 09:42	28° <u>♊</u> 42'36	
conjunction	-6314 Dec 11 j 07:35	4° <u>♏</u> 57'24	0°14'49		-6307 Mar 01 j 03:49	0° <u>♏</u>	
minimum elong	-6314 Dec 11 j 07:36	4° <u>♏</u> 57'24	0°14'37				
behind sun begin	-6314 Dec 11 j 04:30	4° <u>♏</u> 56'25		conjunction	-6307 Mar 09 j 10:37	1° <u>♏</u> 06'24	-2°22'23
behind sun end	-6314 Dec 11 j 10:42	4° <u>♏</u> 58'23		minimum elong	-6307 Mar 09 j 10:36	1° <u>♏</u> 06'24	2°22'46
max. Earth dist.	-6314 Dec 10 j 21:26	4° <u>♏</u> 54'10	10.31338 AU	max. Earth dist.	-6307 Mar 10 j 05:31	1° <u>♏</u> 12'43	9.82471 AU
morning rise	-6314 Dec 28 j 15:29	7° <u>♏</u> 09'15		morning rise	-6307 Mar 27 j 13:50	3° <u>♏</u> 30'52	
	-6313 Mar 27 j 18:46	15° <u>♏</u>		retrograde	-6307 Jul 12 j 11:32	12° <u>♏</u> 08'38	
retrograde	-6313 Apr 14 j 13:41	15° <u>♏</u> 16'24		min. Earth dist.	-6307 Sep 16 j 10:43	8° <u>♏</u> 40'08	7.84621 AU
	-6313 May 02 j 11:39	15° <u>♏</u>		opposition	-6307 Sep 17 j 02:08	8° <u>♏</u> 36'53	-3°01'14
desc. node	-6313 May 25 j 13:32	13° <u>♏</u> 54'24		direct	-6307 Nov 22 j 02:13	5° <u>♏</u> 06'51	
opposition	-6313 Jun 23 j 04:44	11° <u>♏</u> 47'54	-0°03'14	evening set	-6306 Mar 07 j 05:40	13° <u>♏</u> 34'58	
min. Earth dist.	-6313 Jun 23 j 11:17	11° <u>♏</u> 46'36	8.23571 AU		-6306 Mar 18 j 00:32	15° <u>♏</u>	
direct	-6313 Aug 29 j 07:48	8° <u>♏</u> 24'34					
	-6313 Nov 28 j 07:47	15° <u>♏</u>		conjunction	-6306 Mar 25 j 07:59	15° <u>♏</u> 58'13	-2°23'55
evening set	-6313 Dec 07 j 18:48	16° <u>♏</u> 10'55		minimum elong	-6306 Mar 25 j 08:01	15° <u>♏</u> 58'13	2°24'15
				max. Earth dist.	-6306 Mar 26 j 05:46	16° <u>♏</u> 05'26	9.87323 AU
conjunction	-6313 Dec 25 j 02:29	18° <u>♏</u> 24'40	-0°19'18	morning rise	-6306 Apr 12 j 11:09	18° <u>♏</u> 21'36	
minimum elong	-6313 Dec 25 j 02:28	18° <u>♏</u> 24'40	0°19'35	retrograde	-6306 Jul 27 j 06:19	26° <u>♏</u> 50'44	
max. Earth dist.	-6313 Dec 24 j 21:31	18° <u>♏</u> 23'04	10.16358 AU	opposition	-6306 Oct 01 j 16:55	23° <u>♏</u> 20'11	-2°56'52
morning rise	-6312 Jan 11 j 15:30	20° <u>♏</u> 40'14		min. Earth dist.	-6306 Sep 30 j 23:52	23° <u>♏</u> 23'46	7.91391 AU
retrograde	-6312 Apr 28 j 06:18	28° <u>♏</u> 59'38		direct	-6306 Dec 07 j 03:45	19° <u>♏</u> 49'55	
opposition	-6312 Jul 06 j 08:35	25° <u>♏</u> 29'29	-0°46'00	evening set	-6305 Mar 22 j 21:21	28° <u>♏</u> 14'44	
min. Earth dist.	-6312 Jul 06 j 10:25	25° <u>♏</u> 29'07	8.09402 AU		-6305 Apr 05 j 08:55	0° <u>♏</u>	
direct	-6312 Sep 10 j 22:17	22° <u>♏</u> 04'48					
evening set	-6312 Dec 20 j 23:03	0° <u>♏</u> 02'06		conjunction	-6305 Apr 10 j 00:16	0° <u>♏</u> 36'33	-2°16'07
	-6312 Dec 20 j 16:33	0° <u>♏</u>		minimum elong	-6305 Apr 10 j 00:19	0° <u>♏</u> 36'34	2°16'22
				max. Earth dist.	-6305 Apr 10 j 23:29	0° <u>♏</u> 44'10	9.95954 AU
conjunction	-6311 Jan 07 j 11:23	2° <u>♏</u> 19'13	-0°53'15	morning rise	-6305 Apr 28 j 02:29	2° <u>♏</u> 58'02	
minimum elong	-6311 Jan 07 j 11:20	2° <u>♏</u> 19'12	0°53'35	retrograde	-6305 Aug 10 j 15:40	11° <u>♏</u> 15'19	
max. Earth dist.	-6311 Jan 07 j 11:30	2° <u>♏</u> 19'15	10.03131 AU	min. Earth dist.	-6305 Oct 15 j 07:23	7° <u>♏</u> 50'02	8.01623 AU
morning rise	-6311 Jan 25 j 05:02	4° <u>♏</u> 38'08		opposition	-6305 Oct 16 j 01:07	7° <u>♏</u> 46'21	-2°41'18
retrograde	-6311 May 13 j 07:42	13° <u>♏</u> 08'10		direct	-6305 Dec 22 j 01:30	4° <u>♏</u> 16'15	
opposition	-6311 Jul 20 j 19:53	9° <u>♏</u> 36'43	-1°27'27	evening set	-6304 Apr 06 j 04:48	12° <u>♏</u> 34'36	
min. Earth dist.	-6311 Jul 20 j 17:09	9° <u>♏</u> 37'17	7.97437 AU				
direct	-6311 Sep 24 j 21:36	6° <u>♏</u> 10'42		conjunction	-6304 Apr 24 j 07:19	14° <u>♏</u> 54'15	-2°00'01
evening set	-6310 Jan 04 j 16:54	14° <u>♏</u> 18'28		minimum elong	-6304 Apr 24 j 07:23	14° <u>♏</u> 54'16	2°00'10
				max. Earth dist.	-6304 Apr 25 j 06:33	15° <u>♏</u> 01'46	10.07741 AU
conjunction	-6310 Jan 22 j 09:21	16° <u>♏</u> 38'28	-1°24'49	morning rise	-6304 May 12 j 07:40	17° <u>♏</u> 13'07	
minimum elong	-6310 Jan 22 j 09:17	16° <u>♏</u> 38'27	1°25'12	retrograde	-6304 Aug 23 j 14:29	25° <u>♏</u> 16'35	
max. Earth dist.	-6310 Jan 22 j 14:43	16° <u>♏</u> 40'15	9.92493 AU	min. Earth dist.	-6304 Oct 28 j 07:52	21° <u>♏</u> 53'01	8.14615 AU
morning rise	-6310 Feb 09 j 06:52	19° <u>♏</u> 00'08		opposition	-6304 Oct 29 j 01:05	21° <u>♏</u> 49'28	-2°16'23
retrograde	-6310 May 28 j 15:18	27° <u>♏</u> 38'10		direct	-6303 Jan 04 j 17:37	18° <u>♏</u> 19'53	
opposition	-6310 Aug 04 j 12:54	24° <u>♏</u> 05'51	-2°04'29	evening set	-6303 Apr 21 j 01:13	26° <u>♏</u> 29'24	
min. Earth dist.	-6310 Aug 04 j 06:05	24° <u>♏</u> 07'15	7.88466 AU				
direct	-6310 Oct 09 j 06:14	20° <u>♏</u> 38'30		conjunction	-6303 May 09 j 02:20	28° <u>♏</u> 46'19	-1°37'16
evening set	-6309 Jan 19 j 22:55	28° <u>♏</u> 55'30		minimum elong	-6303 May 09 j 02:24	28° <u>♏</u> 46'20	1°37'20
	-6309 Jan 28 j 02:13	0° <u>♏</u>		max. Earth dist.	-6303 May 10 j 00:06	28° <u>♏</u> 53'15	10.21889 AU
					-6303 May 18 j 18:16	0° <u>♏</u>	

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Attention, astronomical year style is used: The year -6303 in astronomical counting style is the year 6304 BCE in historical counting style.

morning rise	-6303 May 27 j 00:01	1° Υ 02'06	conjunction	-6297 Jul 24 j 07:38	12° Π 40'28	1°17'14
retrograde	-6303 Sep 06 j 00:39	8° Υ 50'57	minimum elong	-6297 Jul 24 j 07:35	12° Π 40'27	1°17'37
opposition	-6303 Nov 11 j 15:58	5° Υ 25'50 -1°44'32	max. Earth dist.	-6297 Jul 24 j 03:22	12° Π 39'13	11.07679 AU
min. Earth dist.	-6303 Nov 11 j 00:47	5° Υ 28'55 8.29533 AU	morning rise	-6297 Aug 10 j 03:28	14° Π 37'35	
direct	-6302 Jan 19 j 02:00	1° Υ 57'03	retrograde	-6297 Nov 16 j 06:07	21° Π 25'53	
evening set	-6302 May 05 j 08:56	9° Υ 56'17	opposition	-6296 Jan 24 j 08:57	18° Π 10'06	1°48'24
			min. Earth dist.	-6296 Jan 24 j 14:24	18° Π 09'05	9.12253 AU
conjunction	-6302 May 23 j 07:37	12° Υ 10'03 -1°09'50	direct	-6296 Apr 05 j 02:46	14° Π 48'27	
minimum elong	-6302 May 23 j 07:40	12° Υ 10'04 1°09'48	evening set	-6296 Jul 17 j 20:31	21° Π 53'55	
max. Earth dist.	-6302 May 24 j 02:07	12° Υ 15'50 10.37493 AU				
morning rise	-6302 Jun 10 j 01:59	14° Υ 22'28	conjunction	-6296 Aug 03 j 16:36	23° Π 50'15	1°40'01
retrograde	-6302 Sep 18 j 22:43	21° Υ 57'01	minimum elong	-6296 Aug 03 j 16:33	23° Π 50'14	1°40'24
opposition	-6302 Nov 24 j 21:38	18° Υ 33'56 -1°08'19	max. Earth dist.	-6296 Aug 03 j 07:50	23° Π 47'42	11.16089 AU
min. Earth dist.	-6302 Nov 24 j 09:24	18° Υ 36'22 8.45459 AU	morning rise	-6296 Aug 20 j 08:26	25° Π 45'23	
direct	-6301 Feb 02 j 01:28	15° Υ 06'10		-6296 Oct 01 j 05:48	0° Θ	
evening set	-6301 May 19 j 03:31	22° Υ 54'32	retrograde	-6296 Nov 26 j 13:06	2° Θ 30'29	
				-6295 Jan 24 j 20:12	30° κ Π	
conjunction	-6301 Jun 05 j 22:44	25° Υ 04'59 -0°39'40	opposition	-6295 Feb 04 j 01:49	29° Π 15'12	2°13'41
minimum elong	-6301 Jun 05 j 22:46	25° Υ 04'59 0°39'32	min. Earth dist.	-6295 Feb 04 j 09:58	29° Π 13'42	9.19415 AU
max. Earth dist.	-6301 Jun 06 j 12:26	25° Υ 09'11 10.53611 AU	direct	-6295 Apr 17 j 00:49	25° Π 54'30	
morning rise	-6301 Jun 23 j 13:08	27° Υ 13'54		-6295 Jul 01 j 17:26	0° Θ	
	-6301 Jul 17 j 16:54	0° δ	evening set	-6295 Jul 29 j 04:01	2° Θ 55'08	
retrograde	-6301 Oct 01 j 10:21	4° δ 35'19				
opposition	-6301 Dec 07 j 18:20	1° δ 14'10 -0°30'06	conjunction	-6295 Aug 14 j 20:03	4° Θ 49'49	1°58'45
min. Earth dist.	-6301 Dec 07 j 09:17	1° δ 15'56 8.61470 AU	minimum elong	-6295 Aug 14 j 20:00	4° Θ 49'48	1°59'09
	-6301 Dec 23 j 21:11	30° κ Υ	max. Earth dist.	-6295 Aug 14 j 08:33	4° Θ 46'29	11.21821 AU
direct	-6300 Feb 15 j 14:51	27° Υ 47'35	morning rise	-6295 Aug 31 j 08:19	6° Θ 43'28	
	-6300 Apr 08 j 10:34	0° δ	retrograde	-6295 Dec 07 j 18:35	13° Θ 27'16	
evening set	-6300 May 31 j 09:01	5° δ 25'17	opposition	-6294 Feb 15 j 16:46	10° Θ 12'08	2°33'47
			min. Earth dist.	-6294 Feb 16 j 03:21	10° Θ 10'12	9.23790 AU
conjunction	-6300 Jun 18 j 00:07	7° δ 32'25 -0°08'34	direct	-6294 Apr 28 j 17:05	6° Θ 52'14	
minimum elong	-6300 Jun 18 j 00:07	7° δ 32'25 0°08'21	evening set	-6294 Aug 09 j 06:59	13° Θ 49'28	
behind sun begin	-6300 Jun 17 j 17:49	7° δ 30'32				
behind sun end	-6300 Jun 18 j 06:26	7° δ 34'18	conjunction	-6294 Aug 25 j 19:35	15° Θ 43'00	2°13'02
max. Earth dist.	-6300 Jun 18 j 08:46	7° δ 35'01 10.69347 AU	minimum elong	-6294 Aug 25 j 19:33	15° Θ 42'59	2°13'25
morning rise	-6300 Jul 05 j 10:05	9° δ 37'57	max. Earth dist.	-6294 Aug 25 j 05:42	15° Θ 38'59	11.24704 AU
	-6300 Aug 27 j 13:46	15° δ	morning rise	-6294 Sep 11 j 04:59	17° Θ 35'42	
asc. node	-6300 Sep 29 j 16:19	16° δ 39'12	retrograde	-6294 Dec 19 j 01:57	24° Θ 20'05	
retrograde	-6300 Oct 12 j 11:58	16° δ 48'01	opposition	-6293 Feb 27 j 07:38	21° Θ 04'48	2°48'17
	-6300 Nov 28 j 19:27	15° κ δ	min. Earth dist.	-6293 Feb 27 j 21:01	21° Θ 02'22	9.25260 AU
opposition	-6300 Dec 19 j 06:57	13° δ 28'36 0°08'08	direct	-6293 May 10 j 06:33	17° Θ 45'29	
min. Earth dist.	-6300 Dec 19 j 00:52	13° δ 29'47 8.76725 AU	evening set	-6293 Aug 20 j 06:57	24° Θ 40'45	
direct	-6299 Feb 27 j 19:23	10° δ 03'19				
	-6299 May 21 j 13:10	15° δ	conjunction	-6293 Sep 05 j 16:47	26° Θ 33'40	2°22'29
evening set	-6299 Jun 13 j 02:20	17° δ 31'11	minimum elong	-6293 Sep 05 j 16:46	26° Θ 33'40	2°22'51
			max. Earth dist.	-6293 Sep 04 j 23:48	26° Θ 28'45	11.24671 AU
conjunction	-6299 Jun 30 j 12:56	19° δ 35'09 0°22'08	morning rise	-6293 Sep 22 j 00:28	28° Θ 26'02	
minimum elong	-6299 Jun 30 j 12:55	19° δ 35'09 0°22'26		-6293 Oct 06 j 05:29	0° Ω	
max. Earth dist.	-6299 Jun 30 j 17:22	19° δ 36'28 10.83945 AU	retrograde	-6293 Dec 30 j 09:04	5° Ω 12'51	
morning rise	-6299 Jul 17 j 18:09	21° δ 37'32	opposition	-6292 Mar 09 j 23:28	1° Ω 57'03	2°56'48
retrograde	-6299 Oct 24 j 08:03	28° δ 38'20	min. Earth dist.	-6292 Mar 10 j 15:25	1° Ω 54'09	9.23794 AU
opposition	-6299 Dec 31 j 12:44	25° δ 20'25 0°44'46		-6292 Apr 07 j 15:17	30° κ Θ	
min. Earth dist.	-6299 Dec 31 j 10:06	25° δ 20'55 8.90567 AU	direct	-6292 May 20 j 17:11	28° Θ 38'08	
direct	-6298 Mar 12 j 13:59	21° δ 56'27		-6292 Jul 01 j 17:15	0° Ω	
evening set	-6298 Jun 25 j 09:10	29° δ 15'35	evening set	-6292 Aug 30 j 05:48	5° Ω 32'54	
	-6298 Jul 01 j 18:10	0° Π				
conjunction	-6298 Jul 12 j 14:58	1° Π 16'39 0°51'02	conjunction	-6292 Sep 15 j 13:55	7° Ω 25'47	2°26'49
minimum elong	-6298 Jul 12 j 14:55	1° Π 16'39 0°51'23	minimum elong	-6292 Sep 15 j 13:55	7° Ω 25'47	2°27'10
max. Earth dist.	-6298 Jul 12 j 15:26	1° Π 16'48 10.96856 AU	max. Earth dist.	-6292 Sep 14 j 18:56	7° Ω 20'17	11.21741 AU
morning rise	-6298 Jul 29 j 15:18	3° Π 16'12	morning rise	-6292 Oct 01 j 20:54	9° Ω 18'25	
retrograde	-6298 Nov 04 j 22:06	10° Π 09'43		-6292 Dec 02 j 18:41	15° Ω	
opposition	-6297 Jan 12 j 12:55	6° Π 53'03 1°18'30	retrograde	-6291 Jan 09 j 22:02	16° Ω 09'26	
min. Earth dist.	-6297 Jan 12 j 14:26	6° Π 52'46 9.02533 AU		-6291 Feb 18 j 01:40	15° κ Ω	
direct	-6297 Mar 24 j 22:21	3° Π 30'19	opposition	-6291 Mar 21 j 17:13	12° Ω 52'51	2°59'01
evening set	-6297 Jul 07 j 06:50	10° Π 41'57	min. Earth dist.	-6291 Mar 22 j 10:16	12° Ω 49'44	9.19436 AU
			direct	-6291 Jun 01 j 05:49	9° Ω 34'08	
				-6291 Aug 27 j 18:45	15° Ω	

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Attention, astronomical year style is used: The year -6291 in astronomical counting style is the year 6292 BCE in historical counting style.

evening set	-6291 Sep 10 j 05:09	16°Ω29'50		minimum elong	-6285 Dec 06 j 00:01	29°♄35'03	0°28'49
				max. Earth dist.	-6285 Dec 05 j 13:03	29°♄31'35	10.38827 AU
conjunction	-6291 Sep 26 j 12:46	18°Ω23'21	2°25'49		-6285 Dec 09 j 06:47	0°♄	
minimum elong	-6291 Sep 26 j 12:47	18°Ω23'21	2°26'07	morning rise	-6285 Dec 23 j 05:28	1°♄45'10	
max. Earth dist.	-6291 Sep 25 j 17:22	18°Ω17'41	11.15990 AU	retrograde	-6284 Apr 07 j 20:42	9°♄46'34	
morning rise	-6291 Oct 12 j 19:58	20°Ω16'50		opposition	-6284 Jun 16 j 15:23	6°♄19'13	0°14'52
retrograde	-6290 Jan 21 j 16:13	27°Ω13'46		min. Earth dist.	-6284 Jun 16 j 22:11	6°♄17'53	8.31083 AU
opposition	-6290 Apr 02 j 14:38	23°Ω56'07	2°54'44	direct	-6284 Aug 22 j 23:31	2°♄56'53	
min. Earth dist.	-6290 Apr 03 j 07:47	23°Ω52'59	9.12302 AU	desc. node	-6284 Oct 28 j 15:57	6°♄43'11	
direct	-6290 Jun 12 j 17:09	20°Ω37'29		evening set	-6284 Dec 01 j 07:35	10°♄38'21	
evening set	-6290 Sep 21 j 06:52	27°Ω35'34					
				conjunction	-6284 Dec 18 j 12:52	12°♄50'25	-0°04'37
conjunction	-6290 Oct 07 j 14:58	29°Ω30'16	2°19'21	minimum elong	-6284 Dec 18 j 12:51	12°♄50'25	0°04'52
minimum elong	-6290 Oct 07 j 15:00	29°Ω30'17	2°19'35	behind sun begin	-6284 Dec 18 j 05:52	12°♄48'12	
max. Earth dist.	-6290 Oct 06 j 19:11	29°Ω24'26	11.07585 AU	behind sun end	-6284 Dec 18 j 19:51	12°♄52'39	
	-6290 Oct 11 j 19:50	0°♄		max. Earth dist.	-6284 Dec 18 j 05:37	12°♄48'07	10.23792 AU
morning rise	-6290 Oct 23 j 23:33	1°♄25'14		morning rise	-6283 Jan 04 j 23:40	15°♄04'16	
retrograde	-6289 Feb 02 j 17:20	8°♄29'46			-6283 Jan 04 j 10:07	15°♄	
opposition	-6289 Apr 14 j 17:00	5°♄10'51	2°43'44	retrograde	-6283 Apr 22 j 09:00	23°♄18'08	
min. Earth dist.	-6289 Apr 15 j 10:24	5°♄07'38	9.02617 AU	opposition	-6283 Jun 30 j 15:59	19°♄49'13	-0°27'38
direct	-6289 Jun 24 j 07:21	1°♄52'04		min. Earth dist.	-6283 Jun 30 j 19:25	19°♄48'32	8.16633 AU
evening set	-6289 Oct 02 j 13:04	8°♄53'59		direct	-6283 Sep 05 j 10:02	16°♄25'40	
				evening set	-6283 Dec 15 j 05:37	24°♄17'50	
conjunction	-6289 Oct 18 j 22:37	10°♄50'29	2°07'21				
minimum elong	-6289 Oct 18 j 22:40	10°♄50'30	2°07'31	conjunction	-6282 Jan 01 j 15:40	26°♄33'20	-0°38'49
max. Earth dist.	-6289 Oct 18 j 02:13	10°♄44'24	10.96806 AU	minimum elong	-6282 Jan 01 j 15:38	26°♄33'19	0°39'08
morning rise	-6289 Nov 04 j 09:52	12°♄47'34		max. Earth dist.	-6282 Jan 01 j 13:22	26°♄32'35	10.10090 AU
retrograde	-6288 Feb 15 j 02:33	20°♄01'13		morning rise	-6282 Jan 19 j 07:23	28°♄50'40	
opposition	-6288 Apr 26 j 01:16	16°♄40'49	2°26'00		-6282 Jan 28 j 11:17	0°♄	
min. Earth dist.	-6288 Apr 26 j 18:39	16°♄37'34	8.90715 AU	retrograde	-6282 May 07 j 06:25	7°♄15'47	
direct	-6288 Jul 05 j 01:26	13°♄21'40		opposition	-6282 Jul 15 j 00:19	3°♄45'30	-1°09'58
evening set	-6288 Oct 13 j 01:25	20°♄28'54		min. Earth dist.	-6282 Jul 14 j 23:55	3°♄45'34	8.03950 AU
				direct	-6282 Sep 19 j 06:15	0°♄20'39	
conjunction	-6288 Oct 29 j 13:34	22°♄27'46	1°49'54	evening set	-6282 Dec 29 j 17:31	8°♄23'21	
minimum elong	-6288 Oct 29 j 13:38	22°♄27'47	1°50'00				
max. Earth dist.	-6288 Oct 28 j 18:07	22°♄21'53	10.84015 AU	conjunction	-6281 Jan 16 j 08:04	10°♄41'55	-1°11'40
morning rise	-6288 Nov 15 j 04:26	24°♄27'30		minimum elong	-6281 Jan 16 j 08:01	10°♄41'54	1°12'03
	-6287 Jan 09 j 09:16	0°♄		max. Earth dist.	-6281 Jan 16 j 11:12	10°♄42'57	9.98492 AU
retrograde	-6287 Feb 26 j 19:47	1°♄51'43		morning rise	-6281 Feb 03 j 03:58	13°♄02'15	
	-6287 Apr 17 j 22:06	30°♄		retrograde	-6281 May 22 j 10:48	21°♄36'27	
opposition	-6287 May 08 j 16:29	28°♄29'38	2°01'39	opposition	-6281 Jul 29 j 14:53	18°♄05'07	-1°49'13
min. Earth dist.	-6287 May 09 j 08:36	28°♄26'36	8.77012 AU	min. Earth dist.	-6281 Jul 29 j 10:26	18°♄06'02	7.93734 AU
direct	-6287 Jul 17 j 02:04	25°♄09'57		direct	-6281 Oct 03 j 11:52	14°♄38'56	
	-6287 Oct 04 j 01:36	0°♄		evening set	-6280 Jan 13 j 18:22	22°♄51'27	
evening set	-6287 Oct 24 j 21:57	2°♄23'56					
				conjunction	-6280 Jan 31 j 12:50	25°♄12'31	-1°40'46
conjunction	-6287 Nov 10 j 13:41	4°♄25'39	1°27'17	minimum elong	-6280 Jan 31 j 12:46	25°♄12'30	1°41'10
minimum elong	-6287 Nov 10 j 13:44	4°♄25'40	1°27'18	max. Earth dist.	-6280 Jan 31 j 21:05	25°♄15'16	9.89656 AU
max. Earth dist.	-6287 Nov 09 j 20:57	4°♄20'31	10.69672 AU	morning rise	-6280 Feb 18 j 11:58	27°♄35'08	
morning rise	-6287 Nov 27 j 08:48	6°♄28'30			-6280 Mar 08 j 14:42	0°♄	
retrograde	-6286 Mar 12 j 01:10	14°♄04'29		retrograde	-6280 Jun 05 j 19:22	6°♄15'24	
opposition	-6286 May 21 j 15:33	10°♄40'39	1°31'04	opposition	-6280 Aug 12 j 09:45	2°♄43'29	-2°22'17
min. Earth dist.	-6286 May 22 j 04:49	10°♄38'07	8.62051 AU	min. Earth dist.	-6280 Aug 12 j 01:26	2°♄45'12	7.86601 AU
direct	-6286 Jul 29 j 09:43	7°♄20'16			-6280 Sep 19 j 05:29	30°♄	
evening set	-6286 Nov 06 j 04:45	14°♄42'17		direct	-6280 Oct 17 j 02:02	29°♄16'05	
max. Earth dist.	-6286 Nov 22 j 10:45	16°♄42'55	10.54376 AU		-6280 Nov 13 j 15:51	0°♄	
				evening set	-6279 Jan 28 j 05:42	7°♄36'48	
conjunction	-6286 Nov 23 j 00:40	16°♄47'16	1°00'01				
minimum elong	-6286 Nov 23 j 00:43	16°♄47'16	0°59'57	conjunction	-6279 Feb 15 j 03:22	9°♄59'36	-2°03'45
morning rise	-6286 Dec 10 j 00:45	18°♄53'39		minimum elong	-6279 Feb 15 j 03:19	9°♄59'35	2°04'10
retrograde	-6285 Mar 25 j 18:13	26°♄42'11		max. Earth dist.	-6279 Feb 15 j 16:33	10°♄04'01	9.84217 AU
opposition	-6285 Jun 03 j 23:07	23°♄16'33	0°55'03	morning rise	-6279 Mar 05 j 04:45	12°♄23'39	
min. Earth dist.	-6285 Jun 04 j 09:08	23°♄14'37	8.46492 AU	retrograde	-6279 Jun 21 j 04:26	21°♄06'07	
direct	-6285 Aug 10 j 23:27	19°♄55'18		opposition	-6279 Aug 27 j 06:58	17°♄34'05	-2°46'21
evening set	-6285 Nov 18 j 23:29	27°♄26'33		min. Earth dist.	-6279 Aug 26 j 19:03	17°♄36'35	7.83147 AU
				direct	-6279 Oct 31 j 22:32	14°♄05'37	
conjunction	-6285 Dec 05 j 23:59	29°♄35'02	0°28'59	evening set	-6278 Feb 12 j 23:47	22°♄31'49	

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Attention, astronomical year style is used: The year -6278 in astronomical counting style is the year 6279 BCE in historical counting style.

conjunction	-6278 Mar 02 j 23:56	24° Z 55'29	-2°18'42	opposition	-6273 Nov 19 j 16:40	13° Y 15'30	-1°24'24
minimum elong	-6278 Mar 02 j 23:54	24° Z 55'28	2°19'06	min. Earth dist.	-6273 Nov 19 j 03:00	13° Y 18'16	8.37317 AU
max. Earth dist.	-6278 Mar 03 j 17:31	25° Z 01'22	9.82713 AU	direct	-6272 Jan 27 j 14:27	9° Y 46'49	
morning rise	-6278 Mar 21 j 02:39	27° Z 19'57		evening set	-6272 May 12 j 17:09	17° Y 40'13	
	-6278 Apr 11 j 05:12	0° \approx					
retrograde	-6278 Jul 06 j 10:26	6° \approx 00'08		conjunction	-6272 May 30 j 14:09	19° Y 52'16	-0°52'56
opposition	-6278 Sep 11 j 03:40	2° \approx 28'28	-2°59'17	minimum elong	-6272 May 30 j 14:11	19° Y 52'16	0°52'51
min. Earth dist.	-6278 Sep 10 j 13:06	2° \approx 31'32	7.83741 AU	max. Earth dist.	-6272 May 31 j 05:49	19° Y 57'07	10.45321 AU
	-6278 Oct 13 j 23:15	30° R Z		morning rise	-6272 Jun 17 j 06:26	22° Y 02'50	
direct	-6278 Nov 15 j 23:10	28° Z 59'07		retrograde	-6272 Sep 25 j 13:18	29° Y 30'10	
	-6278 Dec 18 j 18:10	0° \approx		opposition	-6272 Dec 01 j 17:09	26° Y 07'38	-0°46'46
evening set	-6277 Feb 28 j 20:30	7° \approx 27'25		min. Earth dist.	-6272 Dec 01 j 06:03	26° Y 09'50	8.53190 AU
				direct	-6271 Feb 09 j 06:51	22° Y 40'01	
conjunction	-6277 Mar 18 j 22:20	9° \approx 50'59	-2°24'24		-6271 May 23 j 00:08	0° Z	
minimum elong	-6277 Mar 18 j 22:21	9° \approx 50'59	2°24'44	evening set	-6271 May 26 j 04:08	0° Z 22'34	
max. Earth dist.	-6277 Mar 19 j 18:53	9° \approx 57'49	9.85347 AU				
morning rise	-6277 Apr 06 j 01:28	12° \approx 14'53		conjunction	-6271 Jun 12 j 21:22	2° Z 31'18	-0°22'01
	-6277 Apr 27 j 23:48	15° \approx		minimum elong	-6271 Jun 12 j 21:23	2° Z 31'18	0°21'51
retrograde	-6277 Jul 21 j 10:00	20° \approx 48'17		max. Earth dist.	-6271 Jun 13 j 09:28	2° Z 34'58	10.61218 AU
opposition	-6277 Sep 25 j 20:55	17° \approx 17'27	-3°00'09	morning rise	-6271 Jun 30 j 09:18	4° Z 38'25	
min. Earth dist.	-6277 Sep 25 j 05:03	17° \approx 20'47	7.88388 AU	retrograde	-6271 Oct 07 j 19:10	11° Z 53'29	
	-6277 Oct 25 j 16:50	15° R \approx		opposition	-6271 Dec 14 j 09:02	8° Z 32'47	-0°08'17
direct	-6277 Dec 01 j 01:00	13° \approx 47'29		min. Earth dist.	-6271 Dec 14 j 01:28	8° Z 34'15	8.68875 AU
	-6276 Jan 06 j 05:09	15° \approx		direct	-6270 Feb 22 j 14:29	5° Z 06'22	
evening set	-6276 Mar 15 j 14:49	22° \approx 14'12		asc. node	-6270 Mar 06 j 06:23	5° Z 13'08	
				evening set	-6270 Jun 08 j 02:41	12° Z 38'37	
conjunction	-6276 Apr 02 j 17:32	24° \approx 36'44	-2°20'34				
minimum elong	-6276 Apr 02 j 17:34	24° \approx 36'45	2°20'50	conjunction	-6270 Jun 25 j 15:25	14° Z 44'02	0°09'04
max. Earth dist.	-6276 Apr 03 j 15:27	24° \approx 43'59	9.91949 AU	minimum elong	-6270 Jun 25 j 15:24	14° Z 44'02	0°09'19
morning rise	-6276 Apr 20 j 20:10	26° \approx 59'09		behind sun begin	-6270 Jun 25 j 09:24	14° Z 42'15	
	-6276 May 15 j 05:49	0° X		behind sun end	-6270 Jun 25 j 21:24	14° Z 45'49	
retrograde	-6276 Aug 04 j 00:26	5° X 22'04		max. Earth dist.	-6270 Jun 25 j 22:46	14° Z 46'14	10.76525 AU
opposition	-6276 Oct 09 j 08:30	1° X 52'28	-2°49'16		-6270 Jun 27 j 20:35	15° Z	
min. Earth dist.	-6276 Oct 08 j 16:14	1° X 55'52	7.96756 AU	morning rise	-6270 Jul 12 j 22:45	16° Z 47'52	
	-6276 Nov 02 j 02:18	30° R \approx		retrograde	-6270 Oct 19 j 16:25	23° Z 52'31	
direct	-6276 Dec 15 j 01:11	28° \approx 22'17		opposition	-6270 Dec 26 j 17:31	20° Z 33'28	0°29'13
	-6275 Jan 26 j 17:27	0° X		min. Earth dist.	-6270 Dec 26 j 13:34	20° Z 34'14	8.83661 AU
evening set	-6275 Mar 31 j 02:12	6° X 43'54		direct	-6269 Mar 07 j 13:30	17° Z 08'23	
				evening set	-6269 Jun 20 j 13:45	24° Z 31'12	
conjunction	-6275 Apr 18 j 04:54	9° X 04'37	-2°07'53				
minimum elong	-6275 Apr 18 j 04:58	9° X 04'38	2°08'04	conjunction	-6269 Jul 07 j 21:34	26° Z 33'32	0°38'48
max. Earth dist.	-6275 Apr 19 j 02:48	9° X 11'45	10.02030 AU	minimum elong	-6269 Jul 07 j 21:32	26° Z 33'31	0°39'07
morning rise	-6275 May 06 j 06:14	11° X 24'46		max. Earth dist.	-6269 Jul 07 j 23:54	26° Z 34'13	10.90591 AU
retrograde	-6275 Aug 18 j 03:35	19° X 34'37		morning rise	-6269 Jul 25 j 00:11	28° Z 34'19	
opposition	-6275 Oct 23 j 12:19	16° X 06'35	-2°28'09		-6269 Aug 06 j 14:22	0° II	
min. Earth dist.	-6275 Oct 22 j 20:23	16° X 09'53	8.08238 AU	retrograde	-6269 Oct 31 j 07:35	5° II 30'37	
direct	-6275 Dec 29 j 21:43	12° X 36'32		opposition	-6268 Jan 07 j 19:39	2° II 12'59	1°04'19
evening set	-6274 Apr 15 j 03:41	20° X 50'20		min. Earth dist.	-6268 Jan 07 j 18:31	2° II 13'12	8.96943 AU
					-6268 Feb 08 j 20:21	30° R Z	
conjunction	-6274 May 03 j 05:28	23° X 08'34	-1°47'48	direct	-6268 Mar 19 j 03:02	28° Z 49'17	
minimum elong	-6274 May 03 j 05:32	23° X 08'35	1°47'54		-6268 Apr 26 j 23:11	0° II	
max. Earth dist.	-6274 May 04 j 01:56	23° X 15'08	10.14863 AU	evening set	-6268 Jul 01 j 14:42	6° II 03'49	
morning rise	-6274 May 21 j 04:39	25° X 25'51					
	-6274 Jun 30 j 04:13	0° Y		conjunction	-6268 Jul 18 j 17:40	8° II 03'22	1°06'15
retrograde	-6274 Aug 31 j 17:08	3° Y 21'18		minimum elong	-6268 Jul 18 j 17:37	8° II 03'21	1°06'37
	-6274 Nov 05 j 06:49	30° R X		max. Earth dist.	-6268 Jul 18 j 16:20	8° II 02'59	11.02879 AU
opposition	-6274 Nov 06 j 07:05	29° X 55'03	-1°59'01	morning rise	-6268 Aug 04 j 15:35	10° II 01'29	
min. Earth dist.	-6274 Nov 05 j 16:01	29° X 58'07	8.22048 AU	retrograde	-6268 Nov 10 j 18:04	16° II 51'30	
direct	-6273 Jan 13 j 10:54	26° X 25'31		opposition	-6267 Jan 18 j 16:42	13° II 35'01	1°35'56
	-6273 Mar 20 j 22:13	0° Y		min. Earth dist.	-6267 Jan 18 j 18:27	13° II 34'42	9.08225 AU
evening set	-6273 Apr 29 j 17:04	4° Y 29'37		direct	-6267 Mar 31 j 09:04	10° II 12'39	
				evening set	-6267 Jul 13 j 07:06	17° II 20'15	
conjunction	-6273 May 17 j 16:57	6° Y 44'54	-1°22'09				
minimum elong	-6273 May 17 j 17:01	6° Y 44'55	1°22'09	conjunction	-6267 Jul 30 j 05:24	19° II 17'25	1°30'34
max. Earth dist.	-6273 May 18 j 11:08	6° Y 50'38	10.29590 AU	minimum elong	-6267 Jul 30 j 05:21	19° II 17'24	1°30'57
morning rise	-6273 Jun 04 j 13:05	8° Y 58'55		max. Earth dist.	-6267 Jul 30 j 00:51	19° II 16'06	11.12943 AU
retrograde	-6273 Sep 13 j 19:54	16° Y 39'54		morning rise	-6267 Aug 15 j 22:52	21° II 13'17	

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Attention, astronomical year style is used: The year -6267 in astronomical counting style is the year 6268 BCE in historical counting style.

retrograde	-6267 Nov 22 j 02:11	27° Π 59'04		opposition	-6260 Apr 08 j 17:43	0° Π 25'29	2°49'13
opposition	-6266 Jan 30 j 10:14	24° Π 43'28	2°03'14	min. Earth dist.	-6260 Apr 09 j 12:20	0° Π 22'04	9.09746 AU
min. Earth dist.	-6266 Jan 30 j 15:40	24° Π 42'28	9.17108 AU		-6260 Apr 14 j 13:12	30° \mathbb{R} Ω	
direct	-6266 Apr 12 j 07:18	21° Π 22'20		direct	-6260 Jun 18 j 14:20	27° Ω 07'23	
evening set	-6266 Jul 24 j 16:48	28° Π 24'23			-6260 Aug 18 j 13:58	0° Π	
	-6266 Aug 07 j 14:39	0° \mathfrak{E}		evening set	-6260 Sep 26 j 23:00	4° Π 06'35	
				max. Earth dist.	-6260 Oct 12 j 11:04	5° Π 55'50	11.04272 AU
conjunction	-6266 Aug 10 j 10:34	0° \mathfrak{E} 19'37	1°51'05				
minimum elong	-6266 Aug 10 j 10:31	0° \mathfrak{E} 19'37	1°51'29	conjunction	-6260 Oct 13 j 07:44	6° Π 01'57	2°13'15
max. Earth dist.	-6266 Aug 10 j 01:56	0° \mathfrak{E} 17'08	11.20443 AU	minimum elong	-6260 Oct 13 j 07:46	6° Π 01'58	2°13'26
morning rise	-6266 Aug 27 j 00:13	2° \mathfrak{E} 13'44		morning rise	-6260 Oct 29 j 17:31	7° Π 57'45	
retrograde	-6266 Dec 03 j 06:29	8° \mathfrak{E} 57'17		retrograde	-6259 Feb 08 j 23:40	15° Π 06'16	
opposition	-6265 Feb 11 j 01:32	5° \mathfrak{E} 42'14	2°25'36	opposition	-6259 Apr 20 j 22:27	11° Π 47'08	2°34'31
min. Earth dist.	-6265 Feb 11 j 10:40	5° \mathfrak{E} 40'33	9.23301 AU	min. Earth dist.	-6259 Apr 21 j 16:29	11° Π 43'48	8.98475 AU
direct	-6265 Apr 24 j 00:39	2° \mathfrak{E} 22'08		direct	-6259 Jun 30 j 06:27	8° Π 28'43	
evening set	-6265 Aug 04 j 21:15	9° \mathfrak{E} 20'08		evening set	-6259 Oct 08 j 07:59	15° Π 32'40	
conjunction	-6265 Aug 21 j 11:05	11° \mathfrak{E} 13'55	2°07'19	conjunction	-6259 Oct 24 j 18:52	17° Π 30'11	1°58'15
minimum elong	-6265 Aug 21 j 11:03	11° \mathfrak{E} 13'54	2°07'43	minimum elong	-6259 Oct 24 j 18:55	17° Π 30'12	1°58'22
max. Earth dist.	-6265 Aug 20 j 22:36	11° \mathfrak{E} 10'19	11.25157 AU	max. Earth dist.	-6259 Oct 23 j 22:26	17° Π 24'04	10.91921 AU
morning rise	-6265 Sep 06 j 21:43	13° \mathfrak{E} 06'50		morning rise	-6259 Nov 10 j 07:42	19° Π 28'26	
retrograde	-6265 Dec 14 j 12:30	19° \mathfrak{E} 50'04		retrograde	-6258 Feb 21 j 12:58	26° Π 46'59	
opposition	-6264 Feb 22 j 15:54	16° \mathfrak{E} 35'11	2°42'32	opposition	-6258 May 03 j 10:02	23° Π 26'09	2°13'10
min. Earth dist.	-6264 Feb 23 j 03:28	16° \mathfrak{E} 33'05	9.26611 AU	min. Earth dist.	-6258 May 04 j 03:12	23° Π 22'56	8.85041 AU
direct	-6264 May 04 j 16:13	13° \mathfrak{E} 15'58		direct	-6258 Jul 12 j 02:18	20° Π 07'08	
evening set	-6264 Aug 14 j 21:53	20° \mathfrak{E} 11'16		evening set	-6258 Oct 20 j 00:12	27° Π 17'18	
conjunction	-6264 Aug 31 j 08:47	22° \mathfrak{E} 04'12	2°18'53	conjunction	-6258 Nov 05 j 14:04	29° Π 17'30	1°37'57
minimum elong	-6264 Aug 31 j 08:45	22° \mathfrak{E} 04'11	2°19'16	minimum elong	-6258 Nov 05 j 14:07	29° Π 17'31	1°38'00
max. Earth dist.	-6264 Aug 30 j 18:10	21° \mathfrak{E} 59'59	11.26932 AU	max. Earth dist.	-6258 Nov 04 j 18:06	29° Π 11'25	10.77686 AU
morning rise	-6264 Sep 16 j 17:07	23° \mathfrak{E} 56'27			-6258 Nov 11 j 09:52	0° Ω	
	-6264 Nov 25 j 15:36	0° Ω		morning rise	-6258 Nov 22 j 07:04	1° Ω 18'43	
retrograde	-6264 Dec 24 j 19:44	0° Ω 41'14		retrograde	-6257 Mar 06 j 12:46	8° Ω 48'39	
	-6263 Jan 23 j 13:14	30° \mathbb{R} \mathfrak{E}		opposition	-6257 May 16 j 05:14	5° Ω 25'55	1°45'25
opposition	-6263 Mar 05 j 06:33	27° \mathfrak{E} 26'09	2°53'39	min. Earth dist.	-6257 May 16 j 21:16	5° Ω 22'53	8.70005 AU
min. Earth dist.	-6263 Mar 05 j 19:49	27° \mathfrak{E} 23'45	9.26908 AU	direct	-6257 Jul 24 j 06:10	2° Ω 06'03	
direct	-6263 May 16 j 03:29	24° \mathfrak{E} 07'37		evening set	-6257 Nov 01 j 01:46	9° Ω 23'49	
	-6263 Aug 16 j 15:01	0° Ω					
evening set	-6263 Aug 25 j 20:44	1° Ω 01'40		conjunction	-6257 Nov 17 j 19:32	11° Ω 27'08	1°12'45
				minimum elong	-6257 Nov 17 j 19:35	11° Ω 27'09	1°12'43
conjunction	-6263 Sep 11 j 05:32	2° Ω 54'17	2°25'28	max. Earth dist.	-6257 Nov 17 j 01:35	11° Ω 21'35	10.62154 AU
minimum elong	-6263 Sep 11 j 05:32	2° Ω 54'17	2°25'49	morning rise	-6257 Dec 04 j 17:23	13° Ω 31'48	
max. Earth dist.	-6263 Sep 10 j 13:03	2° Ω 49'31	11.25683 AU	retrograde	-6256 Mar 18 j 22:41	21° Ω 14'05	
morning rise	-6263 Sep 27 j 12:29	4° Ω 46'28		opposition	-6256 May 28 j 08:26	17° Ω 49'21	1°11'50
retrograde	-6262 Jan 05 j 07:10	11° Ω 34'34		min. Earth dist.	-6256 May 28 j 22:23	17° Ω 46'41	8.54017 AU
opposition	-6262 Mar 16 j 22:50	8° Ω 18'58	2°58'37	direct	-6256 Aug 04 j 16:56	14° Ω 28'26	
min. Earth dist.	-6262 Mar 17 j 14:27	8° Ω 16'08	9.24156 AU	evening set	-6256 Nov 12 j 14:23	21° Ω 55'07	
direct	-6262 May 27 j 14:04	5° Ω 00'49					
evening set	-6262 Sep 05 j 19:26	11° Ω 55'05		conjunction	-6256 Nov 29 j 12:45	24° Ω 01'56	0°43'21
max. Earth dist.	-6262 Sep 21 j 07:46	13° Ω 42'25	11.21425 AU	minimum elong	-6256 Nov 29 j 12:47	24° Ω 01'56	0°43'14
				max. Earth dist.	-6256 Nov 28 j 22:31	23° Ω 57'27	10.45997 AU
conjunction	-6262 Sep 22 j 02:59	13° Ω 47'59	2°26'49	morning rise	-6256 Dec 16 j 15:46	26° Ω 10'17	
minimum elong	-6262 Sep 22 j 02:59	13° Ω 47'59	2°27'08		-6255 Jan 19 j 02:45	0° \mathbb{M}	
	-6262 Oct 02 j 11:34	15° Ω		retrograde	-6255 Apr 01 j 19:01	4° \mathbb{M} 05'36	
morning rise	-6262 Oct 08 j 09:49	15° Ω 40'45		opposition	-6255 Jun 10 j 20:20	0° \mathbb{M} 38'51	0°33'26
retrograde	-6261 Jan 16 j 20:37	22° Ω 33'53		min. Earth dist.	-6255 Jun 11 j 06:40	0° \mathbb{M} 36'50	8.37803 AU
opposition	-6261 Mar 28 j 18:13	19° Ω 17'26	2°57'13		-6255 Jun 19 j 04:24	30° \mathbb{R} Ω	
min. Earth dist.	-6261 Mar 29 j 11:58	19° Ω 14'12	9.18398 AU	direct	-6255 Aug 17 j 13:29	27° Ω 16'45	
direct	-6261 Jun 07 j 23:52	15° Ω 59'25			-6255 Oct 12 j 16:01	0° \mathbb{M}	
evening set	-6261 Sep 16 j 19:28	22° Ω 55'23		evening set	-6255 Nov 25 j 15:39	4° \mathbb{M} 53'25	
max. Earth dist.	-6261 Oct 02 j 06:07	24° Ω 43'05	11.14230 AU				
conjunction	-6261 Oct 03 j 02:58	24° Ω 49'11	2°22'47	conjunction	-6255 Dec 12 j 18:52	7° \mathbb{M} 03'53	0°10'52
minimum elong	-6261 Oct 03 j 03:00	24° Ω 49'12	2°23'02	minimum elong	-6255 Dec 12 j 18:53	7° \mathbb{M} 03'53	0°10'39
morning rise	-6261 Oct 19 j 10:49	26° Ω 43'09		behind sun begin	-6255 Dec 12 j 13:21	7° \mathbb{M} 02'08	
	-6261 Nov 19 j 03:11	0° Π		behind sun end	-6255 Dec 13 j 00:25	7° \mathbb{M} 05'38	
retrograde	-6260 Jan 28 j 17:37	3° Π 43'09		max. Earth dist.	-6255 Dec 12 j 09:09	7° \mathbb{M} 00'48	10.29979 AU
				morning rise	-6255 Dec 30 j 03:09	9° \mathbb{M} 16'04	

Attention, astronomical year style is used: The year -6254 in astronomical counting style is the year 6255 BCE in historical counting style.

	-6254 Feb 20 j 22:47	15°♄		max. Earth dist.	-6248 Mar 12 j 00:36	3°♊32'49	9.82115 AU
desc. node	-6254 Apr 12 j 19:44	17°♄23'52		morning rise	-6248 Mar 29 j 08:19	5°♊50'47	
retrograde	-6254 Apr 16 j 03:14	17°♄24'27		retrograde	-6248 Jul 14 j 03:21	14°♊28'25	
	-6254 Jun 11 j 00:27	15°♋♄		opposition	-6248 Sep 18 j 17:56	10°♊56'39	-3°01'18
opposition	-6254 Jun 24 j 17:00	13°♄55'48	-0°08'14	min. Earth dist.	-6248 Sep 18 j 01:55	11°♊00'01	7.84444 AU
min. Earth dist.	-6254 Jun 24 j 22:57	13°♄54'37	8.22177 AU	direct	-6248 Nov 23 j 18:24	7°♊26'28	
direct	-6254 Aug 30 j 18:51	10°♄32'24			-6247 Mar 01 j 21:37	15°♊	
	-6254 Nov 11 j 11:42	15°♄		evening set	-6247 Mar 09 j 00:02	15°♊54'53	
evening set	-6254 Dec 09 j 07:00	18°♄19'50					
				conjunction	-6247 Mar 27 j 02:35	18°♊18'10	-2°23'24
conjunction	-6254 Dec 26 j 15:03	20°♄33'56	-0°23'19	minimum elong	-6247 Mar 27 j 02:37	18°♊18'11	2°23'43
minimum elong	-6254 Dec 26 j 15:02	20°♄33'55	0°23'36	max. Earth dist.	-6247 Mar 28 j 01:14	18°♊25'41	9.87325 AU
max. Earth dist.	-6254 Dec 26 j 09:59	20°♄32'17	10.14946 AU	morning rise	-6247 Apr 14 j 05:39	20°♊41'32	
morning rise	-6253 Jan 13 j 04:29	22°♄49'50		retrograde	-6247 Jul 28 j 22:42	29°♊10'09	
	-6253 Mar 24 j 22:33	0°♊		opposition	-6247 Oct 03 j 08:39	25°♊39'36	-2°55'31
retrograde	-6253 Apr 30 j 21:59	1°♊10'29		min. Earth dist.	-6247 Oct 02 j 14:55	25°♊43'19	7.91565 AU
	-6253 Jun 07 j 05:42	30°♋♄		direct	-6247 Dec 08 j 19:41	22°♊09'15	
opposition	-6253 Jul 08 j 21:50	27°♄40'12	-0°50'58		-6246 Mar 20 j 05:01	0°♋	
min. Earth dist.	-6253 Jul 08 j 23:20	27°♄39'54	8.08004 AU	evening set	-6246 Mar 24 j 15:21	0°♋33'59	
direct	-6253 Sep 13 j 09:06	24°♄15'24					
	-6253 Dec 05 j 15:25	0°♊		conjunction	-6246 Apr 11 j 18:24	2°♋55'45	-2°14'30
evening set	-6253 Dec 23 j 12:44	2°♊13'52		minimum elong	-6246 Apr 11 j 18:28	2°♋55'47	2°14'44
				max. Earth dist.	-6246 Apr 12 j 18:30	3°♋03'40	9.96307 AU
conjunction	-6252 Jan 10 j 01:22	4°♊31'19	-0°57'05	morning rise	-6246 Apr 29 j 20:28	5°♋17'09	
minimum elong	-6252 Jan 10 j 01:19	4°♊31'18	0°57'26	retrograde	-6246 Aug 12 j 08:13	13°♋33'38	
max. Earth dist.	-6252 Jan 10 j 00:59	4°♊31'11	10.01764 AU	opposition	-6246 Oct 17 j 16:29	10°♋04'42	-2°38'39
morning rise	-6252 Jan 27 j 19:28	6°♊50'35		min. Earth dist.	-6246 Oct 16 j 22:31	10°♋08'26	8.02130 AU
retrograde	-6252 May 15 j 00:31	15°♊21'46		direct	-6246 Dec 23 j 17:48	6°♋34'33	
opposition	-6252 Jul 22 j 10:01	11°♊50'12	-1°32'02	evening set	-6245 Apr 08 j 22:18	14°♋52'32	
min. Earth dist.	-6252 Jul 22 j 07:28	11°♊50'43	7.96133 AU				
direct	-6252 Sep 26 j 10:01	8°♊24'00		conjunction	-6245 Apr 27 j 00:49	17°♋12'04	-1°57'27
evening set	-6251 Jan 06 j 08:10	16°♊33'02		minimum elong	-6245 Apr 27 j 00:53	17°♋12'05	1°57'35
				max. Earth dist.	-6245 Apr 28 j 00:28	17°♋19'43	10.08414 AU
conjunction	-6251 Jan 24 j 00:52	18°♊53'18	-1°28'13	morning rise	-6245 May 15 j 00:59	19°♋30'47	
minimum elong	-6251 Jan 24 j 00:48	18°♊53'17	1°28'36	retrograde	-6245 Aug 26 j 05:13	27°♋33'13	
max. Earth dist.	-6251 Jan 24 j 05:43	18°♊54'55	9.91263 AU	opposition	-6245 Oct 31 j 15:55	24°♋06'13	-2°12'41
morning rise	-6251 Feb 10 j 22:46	21°♊15'16		min. Earth dist.	-6245 Oct 30 j 23:03	24°♋09'41	8.15421 AU
retrograde	-6251 May 30 j 08:06	29°♊54'13		direct	-6244 Jan 07 j 09:52	20°♋36'37	
opposition	-6251 Aug 06 j 03:46	26°♊21'49	-2°08'22	evening set	-6244 Apr 22 j 17:56	28°♋45'34	
min. Earth dist.	-6251 Aug 05 j 21:22	26°♊23'08	7.87346 AU		-6244 May 02 j 14:42	0°♌	
direct	-6251 Oct 10 j 21:15	22°♊54'17					
	-6250 Jan 12 j 07:15	0°♋		conjunction	-6244 May 10 j 18:52	1°♌02'17	-1°33'59
evening set	-6250 Jan 21 j 15:25	1°♋12'27		minimum elong	-6244 May 10 j 18:56	1°♌02'18	1°34'01
				max. Earth dist.	-6244 May 11 j 16:25	1°♌09'08	10.22839 AU
conjunction	-6250 Feb 08 j 11:39	3°♋34'51	-1°54'16	morning rise	-6244 May 28 j 16:22	3°♌17'51	
minimum elong	-6250 Feb 08 j 11:35	3°♋34'49	1°54'40	retrograde	-6244 Sep 07 j 14:15	11°♌05'36	
max. Earth dist.	-6250 Feb 08 j 21:55	3°♋38'17	9.84182 AU	opposition	-6244 Nov 13 j 06:18	7°♌40'39	-1°40'05
morning rise	-6250 Feb 26 j 12:22	5°♋58'40		min. Earth dist.	-6244 Nov 12 j 15:31	7°♌43'39	8.30597 AU
retrograde	-6250 Jun 14 j 17:03	14°♋41'37		direct	-6243 Jan 20 j 17:42	4°♌11'55	
opposition	-6250 Aug 21 j 00:47	11°♋08'53	-2°36'51	evening set	-6243 May 07 j 00:33	12°♌10'23	
min. Earth dist.	-6250 Aug 20 j 14:45	11°♋10'59	7.82269 AU				
direct	-6250 Oct 25 j 16:18	7°♋40'11		conjunction	-6243 May 24 j 22:53	14°♌23'55	-1°06'03
evening set	-6249 Feb 06 j 07:23	16°♋05'07		minimum elong	-6243 May 24 j 22:57	14°♌23'56	1°05'59
				max. Earth dist.	-6243 May 25 j 16:47	14°♌29'30	10.38679 AU
conjunction	-6249 Feb 24 j 06:30	18°♋28'45	-2°13'04	morning rise	-6243 Jun 11 j 17:03	16°♌36'04	
minimum elong	-6249 Feb 24 j 06:27	18°♋28'44	2°13'28	retrograde	-6243 Sep 20 j 11:34	24°♌09'31	
max. Earth dist.	-6249 Feb 24 j 21:47	18°♋33'53	9.81050 AU	opposition	-6243 Nov 26 j 11:14	20°♌46'36	-1°03'25
morning rise	-6249 Mar 14 j 09:01	20°♋53'26		min. Earth dist.	-6243 Nov 25 j 22:48	20°♌49'05	8.46747 AU
retrograde	-6249 Jun 30 j 00:26	29°♋35'59		direct	-6242 Feb 03 j 16:23	17°♌18'58	
opposition	-6249 Sep 04 j 22:29	26°♋03'28	-2°55'01	evening set	-6242 May 20 j 17:59	25°♌06'26	
min. Earth dist.	-6249 Sep 04 j 09:13	26°♋06'16	7.81273 AU				
direct	-6249 Nov 09 j 16:14	22°♋33'52		conjunction	-6242 Jun 07 j 12:52	27°♌16'36	-0°35'37
	-6248 Feb 14 j 03:24	0°♌		minimum elong	-6242 Jun 07 j 12:54	27°♌16'37	0°35'28
evening set	-6248 Feb 22 j 03:52	1°♌02'22		max. Earth dist.	-6242 Jun 08 j 02:26	27°♌20'46	10.55010 AU
				morning rise	-6242 Jun 25 j 02:58	29°♌25'15	
conjunction	-6248 Mar 11 j 05:05	3°♌26'17	-2°23'01		-6242 Jun 29 j 23:32	0°♍	
minimum elong	-6248 Mar 11 j 05:04	3°♌26'17	2°23'23	retrograde	-6242 Oct 02 j 21:19	6°♍45'34	

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Attention, astronomical year style is used: The year -6242 in astronomical counting style is the year 6243 BCE in historical counting style.

opposition	-6242 Dec 09 j 07:05	3° 8 24'36	-0°25'02	evening set	-6236 Jul 30 j 11:56	4° 5 53'23	
min. Earth dist.	-6242 Dec 08 j 21:16	3° 8 26'31	8.62962 AU				
	-6241 Feb 11 j 06:08	30° 8 Υ		conjunction	-6236 Aug 16 j 03:35	6° 5 47'47	2°00'49
direct	-6241 Feb 17 j 06:07	29° 8 Υ58'11		minimum elong	-6236 Aug 16 j 03:32	6° 5 47'47	2°01'13
	-6241 Feb 23 j 05:31	0° 8		max. Earth dist.	-6236 Aug 15 j 16:28	6° 5 44'35	11.23188 AU
evening set	-6241 Jun 02 j 22:22	7° 8 34'54		morning rise	-6236 Sep 01 j 15:23	8° 5 41'12	
				retrograde	-6236 Dec 09 j 03:15	15° 5 24'28	
conjunction	-6241 Jun 20 j 13:08	9° 8 41'42	-0°04'29	opposition	-6235 Feb 17 j 01:19	12° 5 09'28	2°35'53
minimum elong	-6241 Jun 20 j 13:08	9° 8 41'42	0°04'16	min. Earth dist.	-6235 Feb 17 j 12:23	12° 5 07'27	9.25048 AU
behind sun begin	-6241 Jun 20 j 06:05	9° 8 39'35		direct	-6235 Apr 30 j 02:08	8° 5 49'44	
behind sun end	-6241 Jun 20 j 20:11	9° 8 43'48		evening set	-6235 Aug 10 j 14:09	15° 5 46'12	
max. Earth dist.	-6241 Jun 20 j 22:35	9° 8 44'32	10.70940 AU	max. Earth dist.	-6235 Aug 26 j 11:40	17° 5 35'17	11.25829 AU
morning rise	-6241 Jul 07 j 22:36	11° 8 46'54					
	-6241 Aug 05 j 23:04	15° 8		conjunction	-6235 Aug 27 j 02:20	17° 5 39'30	2°14'28
asc. node	-6241 Aug 13 j 14:49	15° 8 44'46		minimum elong	-6235 Aug 27 j 02:19	17° 5 39'30	2°14'51
retrograde	-6241 Oct 14 j 23:42	18° 8 55'53		morning rise	-6235 Sep 12 j 11:33	19° 5 32'02	
opposition	-6241 Dec 21 j 19:01	15° 8 36'39	0°13'05	retrograde	-6235 Dec 20 j 07:40	26° 5 16'00	
min. Earth dist.	-6241 Dec 21 j 12:24	15° 8 37'55	8.78391 AU	opposition	-6234 Feb 28 j 15:43	23° 5 00'48	2°49'36
	-6241 Dec 29 j 18:10	15° 8 8		min. Earth dist.	-6234 Mar 01 j 05:57	22° 5 58'13	9.26254 AU
direct	-6240 Mar 01 j 08:54	12° 8 11'33		direct	-6234 May 11 j 13:37	19° 5 41'37	
	-6240 May 01 j 00:19	15° 8		evening set	-6234 Aug 21 j 13:32	26° 5 36'15	
evening set	-6240 Jun 14 j 14:30	19° 8 38'17					
				conjunction	-6234 Sep 06 j 23:03	28° 5 29'00	2°23'15
conjunction	-6240 Jul 02 j 00:39	21° 8 41'54	0°26'04	minimum elong	-6234 Sep 06 j 23:02	28° 5 29'00	2°23'38
minimum elong	-6240 Jul 02 j 00:38	21° 8 41'54	0°26'21	max. Earth dist.	-6234 Sep 06 j 05:23	28° 5 23'54	11.25515 AU
max. Earth dist.	-6240 Jul 02 j 05:57	21° 8 43'28	10.85674 AU		-6234 Sep 20 j 03:47	0° 8	
morning rise	-6240 Jul 19 j 05:15	23° 8 43'55		morning rise	-6234 Sep 23 j 06:40	0° 8 21'14	
	-6240 Sep 26 j 16:38	0° 8		retrograde	-6234 Dec 31 j 16:01	7° 8 07'49	
retrograde	-6240 Oct 25 j 18:46	0° 8 43'39		opposition	-6233 Mar 12 j 07:07	3° 8 52'03	2°57'19
	-6240 Nov 24 j 05:21	30° 8 8		min. Earth dist.	-6233 Mar 12 j 23:11	3° 8 49'08	9.24484 AU
opposition	-6239 Jan 02 j 00:03	27° 8 25'55	0°49'23	direct	-6233 May 23 j 02:16	0° 8 33'13	
min. Earth dist.	-6239 Jan 01 j 21:44	27° 8 26'22	8.92331 AU	evening set	-6233 Sep 01 j 11:50	7° 8 27'28	
direct	-6239 Mar 14 j 01:04	24° 8 02'09					
	-6239 Jun 15 j 00:03	0° 8		conjunction	-6233 Sep 17 j 19:53	9° 8 20'17	2°26'55
evening set	-6239 Jun 26 j 20:10	1° 8 20'08		minimum elong	-6233 Sep 17 j 19:53	9° 8 20'17	2°27'16
				max. Earth dist.	-6233 Sep 17 j 01:13	9° 8 14'52	11.22268 AU
conjunction	-6239 Jul 14 j 01:21	3° 8 20'51	0°54'38	morning rise	-6233 Oct 04 j 02:44	11° 8 12'49	
minimum elong	-6239 Jul 14 j 01:18	3° 8 20'50	0°54'59		-6233 Nov 09 j 16:12	15° 8	
max. Earth dist.	-6239 Jul 14 j 01:34	3° 8 20'55	10.98622 AU	retrograde	-6232 Jan 12 j 05:09	18° 8 03'45	
morning rise	-6239 Jul 31 j 01:13	5° 8 20'03			-6232 Mar 20 j 02:09	15° 8 8	
retrograde	-6239 Nov 06 j 06:01	12° 8 12'36		opposition	-6232 Mar 23 j 00:47	14° 8 47'08	2°58'44
opposition	-6238 Jan 13 j 23:22	8° 8 56'07	1°22'39	min. Earth dist.	-6232 Mar 23 j 17:31	14° 8 44'05	9.19795 AU
min. Earth dist.	-6238 Jan 14 j 01:20	8° 8 55'45	9.04291 AU	direct	-6232 Jun 02 j 12:46	11° 8 28'30	
direct	-6238 Mar 26 j 10:27	5° 8 33'33			-6232 Aug 10 j 07:49	15° 8	
evening set	-6238 Jul 08 j 16:41	12° 8 44'09		evening set	-6232 Sep 11 j 10:50	18° 8 23'48	
conjunction	-6238 Jul 25 j 16:52	14° 8 42'17	1°20'25	conjunction	-6232 Sep 27 j 18:28	20° 8 17'17	2°25'16
minimum elong	-6238 Jul 25 j 16:49	14° 8 42'17	1°20'47	minimum elong	-6232 Sep 27 j 18:29	20° 8 17'17	2°25'33
max. Earth dist.	-6238 Jul 25 j 11:55	14° 8 40'51	11.09388 AU	max. Earth dist.	-6232 Sep 26 j 22:57	20° 8 11'35	11.16182 AU
morning rise	-6238 Aug 11 j 12:19	16° 8 39'05		morning rise	-6232 Oct 14 j 01:41	22° 8 10'45	
retrograde	-6238 Nov 17 j 14:43	23° 8 26'34		retrograde	-6231 Jan 22 j 23:30	29° 8 07'46	
opposition	-6237 Jan 25 j 18:33	20° 8 10'57	1°51'55	opposition	-6231 Apr 03 j 22:08	25° 8 50'03	2°53'39
min. Earth dist.	-6237 Jan 25 j 23:47	20° 8 09'58	9.13908 AU	min. Earth dist.	-6231 Apr 04 j 15:42	25° 8 46'50	9.12320 AU
direct	-6237 Apr 07 j 13:43	16° 8 49'30		direct	-6231 Jun 13 j 23:55	22° 8 31'26	
evening set	-6237 Jul 20 j 05:20	23° 8 53'58		evening set	-6231 Sep 22 j 12:33	29° 8 29'18	
					-6231 Sep 26 j 22:29	0° 8	
conjunction	-6237 Aug 06 j 00:58	25° 8 50'01	1°42'39	conjunction	-6231 Oct 08 j 20:38	1° 8 24'02	2°18'09
minimum elong	-6237 Aug 06 j 00:55	25° 8 50'00	1°43'03	minimum elong	-6231 Oct 08 j 20:40	1° 8 24'03	2°18'22
max. Earth dist.	-6237 Aug 05 j 16:26	25° 8 47'32	11.17658 AU	max. Earth dist.	-6231 Oct 07 j 23:43	1° 8 17'52	11.07440 AU
morning rise	-6237 Aug 22 j 16:19	27° 8 44'51		morning rise	-6231 Oct 25 j 05:29	3° 8 19'04	
	-6237 Sep 12 j 09:36	0° 8		retrograde	-6230 Feb 04 j 00:18	10° 8 23'48	
retrograde	-6237 Nov 28 j 20:33	4° 8 29'17		opposition	-6230 Apr 16 j 00:27	7° 8 04'47	2°41'53
opposition	-6236 Feb 06 j 10:48	1° 8 14'07	2°16'31	min. Earth dist.	-6230 Apr 16 j 18:50	7° 8 01'24	9.02297 AU
min. Earth dist.	-6236 Feb 06 j 18:34	1° 8 12'42	9.20894 AU	direct	-6230 Jun 25 j 13:50	3° 8 45'58	
	-6236 Feb 23 j 16:10	30° 8 8		evening set	-6230 Oct 03 j 18:45	10° 8 47'53	
direct	-6236 Apr 18 j 10:13	27° 8 53'38		max. Earth dist.	-6230 Oct 19 j 07:37	12° 8 38'15	10.96329 AU
	-6236 Jun 10 j 09:45	0° 8					

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Attention, astronomical year style is used: The year -6230 in astronomical counting style is the year 6231 BCE in historical counting style.

conjunction	-6230 Oct 20 j 04:27	12° \mathring{M} 44'28	2°05'32	conjunction	-6223 Jan 03 j 03:14	28° \mathring{M} 39'10	-0°42'33
minimum elong	-6230 Oct 20 j 04:30	12° \mathring{M} 44'29	2°05'41	minimum elong	-6223 Jan 03 j 03:12	28° \mathring{M} 39'10	0°42'53
morning rise	-6230 Nov 05 j 16:00	14° \mathring{M} 41'40		max. Earth dist.	-6223 Jan 03 j 01:47	28° \mathring{M} 38'42	10.08465 AU
retrograde	-6229 Feb 16 j 08:38	21° \mathring{M} 55'46			-6223 Jan 13 j 10:52	0° \mathring{M}	
opposition	-6229 Apr 28 j 08:53	18° \mathring{M} 35'12	2°23'25	morning rise	-6223 Jan 20 j 19:17	0° \mathring{M} 56'53	
min. Earth dist.	-6229 Apr 29 j 02:38	18° \mathring{M} 31'54	8.90065 AU	retrograde	-6223 May 08 j 19:45	9° \mathring{M} 23'23	
direct	-6229 Jul 07 j 08:37	15° \mathring{M} 15'59		opposition	-6223 Jul 16 j 12:04	5° \mathring{M} 52'58	-1°14'30
evening set	-6229 Oct 15 j 07:16	22° \mathring{M} 23'25		min. Earth dist.	-6223 Jul 16 j 11:06	5° \mathring{M} 53'10	8.02392 AU
				direct	-6223 Sep 20 j 17:06	2° \mathring{M} 28'00	
conjunction	-6229 Oct 31 j 19:47	24° \mathring{M} 22'27	1°47'31	evening set	-6223 Dec 31 j 06:07	10° \mathring{M} 32'07	
minimum elong	-6229 Oct 31 j 19:51	24° \mathring{M} 22'28	1°47'35				
max. Earth dist.	-6229 Oct 31 j 00:44	24° \mathring{M} 16'41	10.83214 AU	conjunction	-6222 Jan 17 j 21:05	12° \mathring{M} 51'02	-1°15'07
morning rise	-6229 Nov 17 j 10:55	26° \mathring{M} 22'21		minimum elong	-6222 Jan 17 j 21:02	12° \mathring{M} 51'01	1°15'29
	-6229 Dec 20 j 11:18	0° \mathring{M}		max. Earth dist.	-6222 Jan 18 j 01:22	12° \mathring{M} 52'27	9.97030 AU
retrograde	-6228 Feb 29 j 04:49	3° \mathring{M} 47'14		morning rise	-6222 Feb 04 j 17:12	15° \mathring{M} 11'42	
opposition	-6228 May 10 j 00:25	0° \mathring{M} 24'59	1°58'23	retrograde	-6222 May 24 j 00:59	23° \mathring{M} 47'08	
min. Earth dist.	-6228 May 10 j 16:11	0° \mathring{M} 22'00	8.76053 AU	opposition	-6222 Jul 31 j 03:36	20° \mathring{M} 15'41	-1°53'14
	-6228 May 15 j 13:18	30° \mathring{M}		min. Earth dist.	-6222 Jul 30 j 22:05	20° \mathring{M} 16'49	7.92434 AU
direct	-6228 Jul 18 j 09:45	27° \mathring{M} 05'13		direct	-6222 Oct 05 j 00:05	16° \mathring{M} 49'25	
	-6228 Sep 16 j 04:19	0° \mathring{M}		evening set	-6221 Jan 15 j 08:26	25° \mathring{M} 03'10	
evening set	-6228 Oct 26 j 04:27	4° \mathring{M} 19'34					
				conjunction	-6221 Feb 02 j 03:12	27° \mathring{M} 24'31	-1°43'38
conjunction	-6228 Nov 11 j 20:33	6° \mathring{M} 21'32	1°24'22	minimum elong	-6221 Feb 02 j 03:09	27° \mathring{M} 24'30	1°44'02
minimum elong	-6228 Nov 11 j 20:36	6° \mathring{M} 21'33	1°24'22	max. Earth dist.	-6221 Feb 02 j 12:26	27° \mathring{M} 27'36	9.88530 AU
max. Earth dist.	-6228 Nov 11 j 03:37	6° \mathring{M} 16'20	10.68575 AU	morning rise	-6221 Feb 20 j 02:32	29° \mathring{M} 47'23	
morning rise	-6228 Nov 28 j 16:02	8° \mathring{M} 24'39			-6221 Feb 21 j 17:15	0° \mathring{M}	
retrograde	-6227 Mar 13 j 10:59	16° \mathring{M} 01'27		retrograde	-6221 Jun 08 j 09:55	8° \mathring{M} 28'29	
opposition	-6227 May 22 j 23:51	12° \mathring{M} 37'26	1°27'13	opposition	-6221 Aug 14 j 23:11	4° \mathring{M} 56'29	-2°25'26
min. Earth dist.	-6227 May 23 j 13:01	12° \mathring{M} 34'55	8.60813 AU	min. Earth dist.	-6221 Aug 14 j 14:05	4° \mathring{M} 58'23	7.85684 AU
direct	-6227 Jul 30 j 15:46	9° \mathring{M} 16'56		direct	-6221 Oct 19 j 14:25	1° \mathring{M} 28'58	
evening set	-6227 Nov 07 j 12:04	16° \mathring{M} 39'37		evening set	-6220 Jan 30 j 20:57	9° \mathring{M} 50'39	
conjunction	-6227 Nov 24 j 08:18	18° \mathring{M} 44'53	0°56'41	conjunction	-6220 Feb 17 j 18:49	12° \mathring{M} 13'40	-2°05'49
minimum elong	-6227 Nov 24 j 08:21	18° \mathring{M} 44'53	0°56'36	minimum elong	-6220 Feb 17 j 18:46	12° \mathring{M} 13'39	2°06'13
max. Earth dist.	-6227 Nov 23 j 17:24	18° \mathring{M} 40'14	10.53027 AU	max. Earth dist.	-6220 Feb 18 j 08:20	12° \mathring{M} 18'12	9.83486 AU
morning rise	-6227 Dec 11 j 08:53	20° \mathring{M} 51'35		morning rise	-6220 Mar 06 j 20:23	14° \mathring{M} 37'53	
retrograde	-6226 Mar 27 j 03:35	28° \mathring{M} 41'09		retrograde	-6220 Jun 22 j 19:40	23° \mathring{M} 20'45	
opposition	-6226 Jun 05 j 08:09	25° \mathring{M} 15'21	0°50'43	opposition	-6220 Aug 28 j 20:51	19° \mathring{M} 48'42	-2°48'20
min. Earth dist.	-6226 Jun 05 j 18:41	25° \mathring{M} 13'18	8.45031 AU	min. Earth dist.	-6220 Aug 28 j 08:49	19° \mathring{M} 51'14	7.82610 AU
direct	-6226 Aug 12 j 07:06	21° \mathring{M} 53'56		direct	-6220 Nov 02 j 11:07	16° \mathring{M} 20'07	
evening set	-6226 Nov 20 j 07:44	29° \mathring{M} 26'07		evening set	-6219 Feb 14 j 15:51	24° \mathring{M} 47'04	
	-6226 Nov 24 j 20:19	0° \mathring{M}					
				conjunction	-6219 Mar 04 j 16:05	27° \mathring{M} 10'51	-2°19'45
conjunction	-6226 Dec 07 j 08:36	1° \mathring{M} 34'57	0°25'20	minimum elong	-6219 Mar 04 j 16:03	27° \mathring{M} 10'50	2°20'08
minimum elong	-6226 Dec 07 j 08:37	1° \mathring{M} 34'57	0°25'10	max. Earth dist.	-6219 Mar 05 j 09:24	27° \mathring{M} 16'38	9.82351 AU
max. Earth dist.	-6226 Dec 06 j 20:57	1° \mathring{M} 31'15	10.37291 AU	morning rise	-6219 Mar 22 j 18:55	29° \mathring{M} 35'24	
morning rise	-6226 Dec 24 j 14:38	3° \mathring{M} 45'26			-6219 Mar 25 j 22:18	0° \mathring{M}	
retrograde	-6225 Apr 10 j 07:13	11° \mathring{M} 48'04		retrograde	-6219 Jul 08 j 02:13	8° \mathring{M} 15'36	
opposition	-6225 Jun 19 j 01:18	8° \mathring{M} 20'32	0°10'13	opposition	-6219 Sep 12 j 17:48	4° \mathring{M} 44'00	-2°59'55
min. Earth dist.	-6225 Jun 19 j 08:44	8° \mathring{M} 19'04	8.29479 AU	min. Earth dist.	-6219 Sep 12 j 03:35	4° \mathring{M} 46'59	7.83561 AU
direct	-6225 Aug 25 j 08:26	4° \mathring{M} 58'03		direct	-6219 Nov 17 j 12:54	1° \mathring{M} 14'33	
desc. node	-6225 Sep 18 j 20:18	5° \mathring{M} 31'06		evening set	-6218 Mar 02 j 12:52	9° \mathring{M} 43'18	
evening set	-6225 Dec 03 j 17:05	12° \mathring{M} 40'40					
				conjunction	-6218 Mar 20 j 14:45	12° \mathring{M} 06'54	-2°24'20
conjunction	-6225 Dec 20 j 22:51	14° \mathring{M} 53'06	-0°08'24	minimum elong	-6218 Mar 20 j 14:46	12° \mathring{M} 06'55	2°24'40
minimum elong	-6225 Dec 20 j 22:51	14° \mathring{M} 53'06	0°08'39	max. Earth dist.	-6218 Mar 21 j 10:48	12° \mathring{M} 13'35	9.85344 AU
behind sun begin	-6225 Dec 20 j 16:37	14° \mathring{M} 51'07		morning rise	-6218 Apr 07 j 18:00	14° \mathring{M} 30'50	
behind sun end	-6225 Dec 21 j 05:05	14° \mathring{M} 55'05			-6218 Apr 11 j 11:55	15° \mathring{M}	
max. Earth dist.	-6225 Dec 20 j 15:46	14° \mathring{M} 50'50	10.22157 AU	retrograde	-6218 Jul 23 j 01:26	23° \mathring{M} 03'54	
	-6225 Dec 21 j 20:15	15° \mathring{M}		opposition	-6218 Sep 27 j 11:06	19° \mathring{M} 33'11	-2°59'22
morning rise	-6224 Jan 07 j 10:09	17° \mathring{M} 07'21		min. Earth dist.	-6218 Sep 26 j 19:34	19° \mathring{M} 36'26	7.88559 AU
retrograde	-6224 Apr 23 j 21:12	25° \mathring{M} 22'34		direct	-6218 Dec 02 j 16:01	16° \mathring{M} 03'11	
opposition	-6224 Jul 02 j 02:47	21° \mathring{M} 53'29	-0°32'22	evening set	-6217 Mar 18 j 07:12	24° \mathring{M} 30'02	
min. Earth dist.	-6224 Jul 02 j 06:24	21° \mathring{M} 52'46	8.14988 AU				
direct	-6224 Sep 06 j 19:27	18° \mathring{M} 29'47		conjunction	-6217 Apr 05 j 09:59	26° \mathring{M} 52'32	-2°19'24
evening set	-6224 Dec 16 j 16:39	26° \mathring{M} 23'17		minimum elong	-6217 Apr 05 j 10:01	26° \mathring{M} 52'33	2°19'40
				max. Earth dist.	-6217 Apr 06 j 07:26	26° \mathring{M} 59'37	9.92293 AU

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

morning rise	-6217 Apr 23 j 12:42	29° \approx 14'54		minimum elong	-6211 Jun 27 j 02:27	16° \mathbb{B} 48'51	0°13'14
	-6217 Apr 29 j 09:33	0° \mathbb{H}		behind sun begin	-6211 Jun 26 j 22:19	16° \mathbb{B} 47'37	
retrograde	-6217 Aug 06 j 14:43	7° \mathbb{H} 37'09		behind sun end	-6211 Jun 27 j 06:35	16° \mathbb{B} 50'05	
opposition	-6217 Oct 11 j 22:28	4° \mathbb{H} 07'43	-2°47'10	max. Earth dist.	-6211 Jun 27 j 09:10	16° \mathbb{B} 50'51	10.78035 AU
min. Earth dist.	-6217 Oct 11 j 06:09	4° \mathbb{H} 11'07	7.97256 AU	morning rise	-6211 Jul 14 j 09:26	18° \mathbb{B} 52'22	
direct	-6217 Dec 17 j 17:29	0° \mathbb{H} 37'33		retrograde	-6211 Oct 21 j 01:36	25° \mathbb{B} 56'03	
evening set	-6216 Apr 01 j 18:21	8° \mathbb{H} 59'00		opposition	-6211 Dec 28 j 04:05	22° \mathbb{B} 37'08	0°33'53
				min. Earth dist.	-6211 Dec 27 j 23:43	22° \mathbb{B} 37'58	8.85173 AU
conjunction	-6216 Apr 19 j 21:06	11° \mathbb{H} 19'36	-2°05'44	direct	-6210 Mar 09 j 01:23	19° \mathbb{B} 12'11	
minimum elong	-6216 Apr 19 j 21:09	11° \mathbb{H} 19'37	2°05'55	evening set	-6210 Jun 22 j 00:11	26° \mathbb{B} 33'59	
max. Earth dist.	-6216 Apr 20 j 18:52	11° \mathbb{H} 26'42	10.02691 AU				
morning rise	-6216 May 07 j 22:22	13° \mathbb{H} 39'37		conjunction	-6210 Jul 09 j 07:35	28° \mathbb{B} 36'00	0°42'28
retrograde	-6216 Aug 19 j 15:52	21° \mathbb{H} 48'35		minimum elong	-6210 Jul 09 j 07:33	28° \mathbb{B} 35'59	0°42'48
min. Earth dist.	-6216 Oct 24 j 09:26	18° \mathbb{H} 24'08	8.09035 AU	max. Earth dist.	-6210 Jul 09 j 10:05	28° \mathbb{B} 36'44	10.92084 AU
opposition	-6216 Oct 25 j 01:54	18° \mathbb{H} 20'44	-2°24'56		-6210 Jul 21 j 04:28	0° \mathbb{H}	
direct	-6216 Dec 31 j 13:31	14° \mathbb{H} 50'46		morning rise	-6210 Jul 26 j 09:43	0° \mathbb{H} 36'28	
evening set	-6215 Apr 16 j 19:11	23° \mathbb{H} 04'04		retrograde	-6210 Nov 01 j 15:56	7° \mathbb{H} 31'54	
				opposition	-6209 Jan 09 j 05:26	4° \mathbb{H} 14'22	1°08'35
conjunction	-6215 May 04 j 20:58	25° \mathbb{H} 22'09	-1°44'51	min. Earth dist.	-6209 Jan 09 j 03:52	4° \mathbb{H} 14'39	8.98404 AU
minimum elong	-6215 May 04 j 21:03	25° \mathbb{H} 22'10	1°44'56	direct	-6209 Mar 21 j 14:32	0° \mathbb{H} 50'48	
max. Earth dist.	-6215 May 05 j 17:54	25° \mathbb{H} 28'51	10.15807 AU	evening set	-6209 Jul 04 j 00:08	8° \mathbb{H} 04'22	
morning rise	-6215 May 22 j 19:56	27° \mathbb{H} 39'14					
	-6215 Jun 11 j 04:42	0° \mathbb{Y}		conjunction	-6209 Jul 21 j 02:40	10° \mathbb{H} 03'36	1°09'33
retrograde	-6215 Sep 02 j 05:52	5° \mathbb{Y} 33'41		minimum elong	-6209 Jul 21 j 02:37	10° \mathbb{H} 03'35	1°09'55
opposition	-6215 Nov 07 j 20:13	2° \mathbb{Y} 07'36	-1°54'56	max. Earth dist.	-6209 Jul 21 j 01:55	10° \mathbb{H} 03'23	11.04292 AU
min. Earth dist.	-6215 Nov 07 j 04:31	2° \mathbb{Y} 10'48	8.23104 AU	morning rise	-6209 Aug 06 j 24:00	12° \mathbb{H} 01'24	
	-6215 Dec 05 j 23:16	30° \mathbb{K} \mathbb{H}		retrograde	-6209 Nov 13 j 03:10	18° \mathbb{H} 50'40	
direct	-6214 Jan 15 j 00:50	28° \mathbb{H} 38'11		opposition	-6208 Jan 21 j 01:59	15° \mathbb{H} 34'17	1°39'40
	-6214 Feb 23 j 21:27	0° \mathbb{Y}		min. Earth dist.	-6208 Jan 21 j 04:04	15° \mathbb{H} 33'54	9.09586 AU
evening set	-6214 May 01 j 07:41	6° \mathbb{Y} 41'32		direct	-6208 Apr 01 j 18:25	12° \mathbb{H} 12'03	
				evening set	-6208 Jul 14 j 15:33	19° \mathbb{H} 18'43	
conjunction	-6214 May 19 j 07:30	8° \mathbb{Y} 56'37	-1°18'37				
minimum elong	-6214 May 19 j 07:34	8° \mathbb{Y} 56'38	1°18'36	conjunction	-6208 Jul 31 j 13:17	21° \mathbb{H} 15'36	1°33'23
max. Earth dist.	-6214 May 20 j 02:31	9° \mathbb{Y} 02'36	10.30768 AU	minimum elong	-6208 Jul 31 j 13:13	21° \mathbb{H} 15'35	1°33'46
morning rise	-6214 Jun 06 j 03:18	11° \mathbb{Y} 10'23		max. Earth dist.	-6208 Jul 31 j 08:25	21° \mathbb{H} 14'11	11.14232 AU
retrograde	-6214 Sep 15 j 09:08	18° \mathbb{Y} 50'16		morning rise	-6208 Aug 17 j 06:18	23° \mathbb{H} 11'12	
opposition	-6214 Nov 21 j 05:14	15° \mathbb{Y} 26'04	-1°19'45	retrograde	-6208 Nov 23 j 08:21	29° \mathbb{H} 56'21	
min. Earth dist.	-6214 Nov 20 j 15:32	15° \mathbb{Y} 28'49	8.38579 AU	opposition	-6207 Jan 31 j 18:54	26° \mathbb{H} 40'49	2°06'20
direct	-6213 Jan 29 j 03:10	11° \mathbb{Y} 57'30		min. Earth dist.	-6207 Feb 01 j 00:59	26° \mathbb{H} 39'42	9.18334 AU
evening set	-6213 May 15 j 06:57	19° \mathbb{Y} 50'02		direct	-6207 Apr 13 j 16:04	23° \mathbb{H} 19'46	
					-6207 Jul 22 j 21:24	0° \mathbb{G}	
conjunction	-6213 Jun 02 j 03:42	22° \mathbb{Y} 01'49	-0°49'04	evening set	-6207 Jul 26 j 00:21	0° \mathbb{G} 21'02	
minimum elong	-6213 Jun 02 j 03:44	22° \mathbb{Y} 01'50	0°48'57				
max. Earth dist.	-6213 Jun 02 j 19:44	22° \mathbb{Y} 06'47	10.46671 AU	conjunction	-6207 Aug 11 j 17:35	2° \mathbb{G} 16'00	1°53'21
morning rise	-6213 Jun 19 j 19:35	24° \mathbb{Y} 12'06		minimum elong	-6207 Aug 11 j 17:33	2° \mathbb{G} 15'59	1°53'45
	-6213 Aug 15 j 17:34	0° \mathbb{B}		max. Earth dist.	-6207 Aug 11 j 08:10	2° \mathbb{G} 13'17	11.21580 AU
retrograde	-6213 Sep 28 j 00:23	1° \mathbb{B} 38'18		morning rise	-6207 Aug 28 j 06:58	4° \mathbb{G} 09'54	
	-6213 Nov 11 j 04:30	30° \mathbb{K} \mathbb{Y}		retrograde	-6207 Dec 04 j 13:27	10° \mathbb{G} 52'57	
opposition	-6213 Dec 04 j 05:06	28° \mathbb{Y} 15'59	-0°41'51	opposition	-6206 Feb 12 j 09:25	7° \mathbb{G} 37'56	2°27'59
min. Earth dist.	-6213 Dec 03 j 18:32	28° \mathbb{Y} 18'04	8.54599 AU	min. Earth dist.	-6206 Feb 12 j 18:27	7° \mathbb{G} 36'17	9.24355 AU
direct	-6212 Feb 11 j 20:11	24° \mathbb{Y} 48'29		direct	-6206 Apr 25 j 10:25	4° \mathbb{G} 17'56	
	-6212 May 05 j 20:04	0° \mathbb{B}		evening set	-6206 Aug 06 j 03:55	11° \mathbb{G} 15'14	
evening set	-6212 May 27 j 16:57	2° \mathbb{B} 30'06					
				conjunction	-6206 Aug 22 j 17:27	13° \mathbb{G} 08'49	2°08'59
conjunction	-6212 Jun 14 j 09:42	4° \mathbb{B} 38'30	-0°18'01	minimum elong	-6206 Aug 22 j 17:25	13° \mathbb{G} 08'48	2°09'23
minimum elong	-6212 Jun 14 j 09:43	4° \mathbb{B} 38'30	0°17'50	max. Earth dist.	-6206 Aug 22 j 05:14	13° \mathbb{G} 05'18	11.26106 AU
max. Earth dist.	-6212 Jun 14 j 21:18	4° \mathbb{B} 42'01	10.62678 AU	morning rise	-6206 Sep 08 j 03:45	15° \mathbb{G} 01'32	
morning rise	-6212 Jul 01 j 21:16	6° \mathbb{B} 45'20		retrograde	-6206 Dec 15 j 18:41	21° \mathbb{G} 44'24	
retrograde	-6212 Oct 09 j 05:06	13° \mathbb{B} 59'20		opposition	-6205 Feb 23 j 23:17	18° \mathbb{G} 29'33	2°44'10
opposition	-6212 Dec 15 j 20:23	10° \mathbb{B} 38'48	-0°03'23	min. Earth dist.	-6205 Feb 24 j 10:24	18° \mathbb{G} 27'31	9.27454 AU
min. Earth dist.	-6212 Dec 15 j 13:08	10° \mathbb{B} 40'13	8.70371 AU	direct	-6205 May 06 j 23:20	15° \mathbb{G} 10'27	
asc. node	-6211 Jan 18 j 05:41	8° \mathbb{B} 17'45		evening set	-6205 Aug 17 j 03:53	22° \mathbb{G} 05'08	
direct	-6211 Feb 24 j 03:45	7° \mathbb{B} 12'31					
evening set	-6211 Jun 09 j 14:15	14° \mathbb{B} 43'45		conjunction	-6205 Sep 02 j 14:33	23° \mathbb{G} 57'54	2°19'55
	-6211 Jun 11 j 21:30	15° \mathbb{B}		minimum elong	-6205 Sep 02 j 14:32	23° \mathbb{G} 57'54	2°20'18
				max. Earth dist.	-6205 Sep 02 j 00:20	23° \mathbb{G} 53'48	11.27664 AU
conjunction	-6211 Jun 27 j 02:28	16° \mathbb{B} 48'51	0°12'58	morning rise	-6205 Sep 18 j 22:35	25° \mathbb{G} 50'01	

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Attention, astronomical year style is used: The year -6205 in astronomical counting style is the year 6206 BCE in historical counting style.

	-6205 Oct 30 j 06:21	0°♈	morning rise	-6199 Nov 23 j 12:52	3°♊11'54	
retrograde	-6205 Dec 27 j 02:52	2°♈34'35	retrograde	-6198 Mar 07 j 19:14	10°♊42'18	
	-6204 Feb 26 j 05:08	30°♈	opposition	-6198 May 17 j 12:09	7°♊19'32	1°41'53
opposition	-6204 Mar 06 j 13:41	29°♈19'32	2°54'30	min. Earth dist.	-6198 May 18 j 04:41	7°♊16'24 8.69459 AU
min. Earth dist.	-6204 Mar 07 j 03:12	29°♈17'04	9.27533 AU	direct	-6198 Jul 25 j 11:50	3°♊59'41
direct	-6204 May 17 j 10:40	26°♈01'05		evening set	-6198 Nov 02 j 07:22	11°♊17'44
	-6204 Jul 30 j 16:37	0°♈	max. Earth dist.	-6198 Nov 18 j 08:05	13°♊15'51	10.61515 AU
evening set	-6204 Aug 27 j 02:15	2°♈54'39				
			conjunction	-6198 Nov 19 j 01:32	13°♊21'14	1°09'40
conjunction	-6204 Sep 12 j 10:48	4°♈47'09	2°25'51	minimum elong	-6198 Nov 19 j 01:35	13°♊21'15 1°09'38
minimum elong	-6204 Sep 12 j 10:48	4°♈47'09	2°26'12	morning rise	-6198 Dec 05 j 23:41	15°♊26'05
max. Earth dist.	-6204 Sep 11 j 17:39	4°♈42'12	11.26202 AU	retrograde	-6197 Mar 21 j 05:34	23°♊09'03
morning rise	-6204 Sep 28 j 17:44	6°♈39'16		opposition	-6197 May 30 j 15:47	19°♊44'14 1°07'48
retrograde	-6203 Jan 06 j 12:12	13°♈27'14		min. Earth dist.	-6197 May 31 j 05:27	19°♊41'37 8.53282 AU
opposition	-6203 Mar 18 j 05:39	10°♈11'40	2°58'41	direct	-6197 Aug 07 j 00:11	16°♊23'20
min. Earth dist.	-6203 Mar 18 j 21:59	10°♈08'42	9.24573 AU	evening set	-6197 Nov 14 j 20:43	23°♊50'28
direct	-6203 May 28 j 19:37	6°♈53'36				
evening set	-6203 Sep 07 j 00:32	13°♈47'31		conjunction	-6197 Dec 01 j 19:30	25°♊57'30 0°39'57
	-6203 Sep 17 j 12:56	15°♈		minimum elong	-6197 Dec 01 j 19:32	25°♊57'31 0°39'49
			max. Earth dist.	-6197 Dec 01 j 05:37	25°♊53'08	10.45183 AU
conjunction	-6203 Sep 23 j 07:59	15°♈40'21	2°26'33	morning rise	-6197 Dec 18 j 22:51	28°♊06'05
minimum elong	-6203 Sep 23 j 08:00	15°♈40'21	2°26'51		-6196 Jan 03 j 18:45	0°♈
max. Earth dist.	-6203 Sep 22 j 12:28	15°♈34'41	11.21746 AU	retrograde	-6196 Apr 03 j 04:21	6°♈02'12
morning rise	-6203 Oct 09 j 14:55	17°♈33'06		opposition	-6196 Jun 12 j 04:12	2°♈35'22 0°29'04
retrograde	-6202 Jan 18 j 02:33	24°♈26'16		min. Earth dist.	-6196 Jun 12 j 14:01	2°♈33'27 8.36917 AU
opposition	-6202 Mar 30 j 00:47	21°♈09'47	2°56'29		-6196 Jul 19 j 22:23	30°♈
min. Earth dist.	-6202 Mar 30 j 18:31	21°♈06'33	9.18623 AU	direct	-6196 Aug 18 j 20:20	29°♊13'15
direct	-6202 Jun 09 j 07:14	17°♈51'50			-6196 Sep 17 j 03:57	0°♈
evening set	-6202 Sep 18 j 00:18	24°♈47'32		evening set	-6196 Nov 26 j 23:06	6°♈50'33
max. Earth dist.	-6202 Oct 03 j 11:49	26°♈35'27	11.14369 AU			
			conjunction	-6196 Dec 14 j 02:38	9°♈01'16	0°07'17
conjunction	-6202 Oct 04 j 07:55	26°♈41'21	2°21'52	minimum elong	-6196 Dec 14 j 02:38	9°♈01'16 0°07'03
minimum elong	-6202 Oct 04 j 07:57	26°♈41'21	2°22'07	behind sun begin	-6196 Dec 13 j 20:01	8°♈59'11
morning rise	-6202 Oct 20 j 15:47	28°♈35'19		behind sun end	-6196 Dec 14 j 09:15	9°♈03'22
	-6202 Nov 02 j 05:40	0°♈		max. Earth dist.	-6196 Dec 13 j 16:27	8°♈58'02 10.29039 AU
retrograde	-6201 Jan 30 j 00:39	5°♈35'25		morning rise	-6196 Dec 31 j 11:17	11°♈13'43
opposition	-6201 Apr 11 j 00:12	2°♈17'43	2°47'43		-6195 Feb 01 j 16:31	15°♈
min. Earth dist.	-6201 Apr 11 j 18:08	2°♈14'26	9.09796 AU	desc. node	-6195 Mar 05 j 00:09	17°♈47'44
	-6201 May 15 j 15:45	30°♈		retrograde	-6195 Apr 17 j 14:16	19°♈22'56
direct	-6201 Jun 20 j 20:17	28°♈59'41		opposition	-6195 Jun 26 j 01:24	15°♈54'14 -0°12'45
	-6201 Jul 26 j 02:45	0°♈		min. Earth dist.	-6195 Jun 26 j 07:17	15°♈53'04 8.21196 AU
evening set	-6201 Sep 29 j 03:46	5°♈58'40			-6195 Jul 07 j 13:23	15°♈
			direct	-6195 Sep 01 j 00:44	12°♈30'46	
conjunction	-6201 Oct 15 j 12:38	7°♈54'04	2°11'43		-6195 Oct 24 j 00:17	15°♈
minimum elong	-6201 Oct 15 j 12:40	7°♈54'05	2°11'54	evening set	-6195 Dec 10 j 15:33	20°♈19'02
max. Earth dist.	-6201 Oct 14 j 16:10	7°♈48'01	11.04238 AU			
morning rise	-6201 Oct 31 j 22:34	9°♈49'56		conjunction	-6195 Dec 27 j 23:50	22°♈33'21 -0°26'56
retrograde	-6200 Feb 11 j 05:35	16°♈58'39		minimum elong	-6195 Dec 27 j 23:48	22°♈33'21 0°27'14
opposition	-6200 Apr 22 j 05:04	13°♈39'28	2°32'17	max. Earth dist.	-6195 Dec 27 j 17:53	22°♈31'26 10.13948 AU
min. Earth dist.	-6200 Apr 22 j 23:03	13°♈36'08	8.98343 AU	morning rise	-6194 Jan 14 j 13:41	24°♈49'32
direct	-6200 Jul 01 j 11:18	10°♈21'05			-6194 Feb 28 j 23:24	0°♈
evening set	-6200 Oct 09 j 12:51	17°♈24'58		retrograde	-6194 May 02 j 08:43	3°♈11'03
					-6194 Jul 06 j 07:38	30°♈
conjunction	-6200 Oct 25 j 23:51	19°♈22'34	1°56'08	opposition	-6194 Jul 10 j 07:02	29°♈40'43 -0°55'23
minimum elong	-6200 Oct 25 j 23:55	19°♈22'35	1°56'15	min. Earth dist.	-6194 Jul 10 j 08:58	29°♈40'20 8.07006 AU
max. Earth dist.	-6200 Oct 25 j 02:39	19°♈16'12	10.91697 AU	direct	-6194 Sep 14 j 17:16	26°♈15'49
morning rise	-6200 Nov 11 j 13:05	21°♈20'55			-6194 Nov 19 j 02:34	0°♈
retrograde	-6199 Feb 22 j 20:15	28°♈39'48		evening set	-6194 Dec 24 j 22:21	4°♈15'14
opposition	-6199 May 04 j 16:45	25°♈18'56	2°10'15			
min. Earth dist.	-6199 May 05 j 10:37	25°♈15'35	8.84704 AU	conjunction	-6193 Jan 11 j 11:14	6°♈32'55 -1°00'29
direct	-6199 Jul 13 j 08:27	21°♈59'56		minimum elong	-6193 Jan 11 j 11:11	6°♈32'54 1°00'51
evening set	-6199 Oct 21 j 05:22	29°♈10'11		max. Earth dist.	-6193 Jan 11 j 10:21	6°♈32'38 10.00788 AU
	-6199 Oct 28 j 03:21	0°♈		morning rise	-6193 Jan 29 j 05:44	8°♈52'26
				retrograde	-6193 May 17 j 10:56	17°♈24'26
conjunction	-6199 Nov 06 j 19:28	1°♈10'31	1°35'19	opposition	-6193 Jul 24 j 19:54	13°♈52'50 -1°36'04
minimum elong	-6199 Nov 06 j 19:31	1°♈10'32	1°35'21	min. Earth dist.	-6193 Jul 24 j 17:54	13°♈53'14 7.95200 AU
max. Earth dist.	-6199 Nov 05 j 23:07	1°♈04'19	10.77252 AU	direct	-6193 Sep 28 j 20:05	10°♈26'30

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Attention, astronomical year style is used: The year -6192 in astronomical counting style is the year 6193 BCE in historical counting style.

evening set	-6192 Jan 08 j 19:01	18° 𐌶 36'30		morning rise	-6187 May 01 j 09:18	7° 𐌶 24'09	
				retrograde	-6187 Aug 13 j 18:49	15° 𐌶 39'58	
conjunction	-6192 Jan 26 j 12:02	20° 𐌶 57'01	-1°31'10	min. Earth dist.	-6187 Oct 18 j 09:40	12° 𐌶 14'45	8.02540 AU
minimum elong	-6192 Jan 26 j 11:58	20° 𐌶 57'00	1°31'34	opposition	-6187 Oct 19 j 03:12	12° 𐌶 11'06	-2°36'09
max. Earth dist.	-6192 Jan 26 j 16:56	20° 𐌶 58'39	9.90386 AU	direct	-6187 Dec 25 j 05:17	8° 𐌶 40'53	
morning rise	-6192 Feb 13 j 10:12	23° 𐌶 19'11		evening set	-6186 Apr 10 j 10:38	16° 𐌶 58'36	
	-6192 Apr 14 j 03:53	0° 𐌶					
retrograde	-6192 May 31 j 18:22	1° 𐌶 58'48		conjunction	-6186 Apr 28 j 13:04	19° 𐌶 18'02	-1°55'04
	-6192 Jul 19 j 02:48	30° 𐌶		minimum elong	-6186 Apr 28 j 13:08	19° 𐌶 18'03	1°55'11
opposition	-6192 Aug 07 j 14:06	28° 𐌶 26'22	-2°11'42	max. Earth dist.	-6186 Apr 29 j 12:15	19° 𐌶 25'31	10.08944 AU
min. Earth dist.	-6192 Aug 07 j 07:55	28° 𐌶 27'39	7.86551 AU	morning rise	-6186 May 16 j 13:13	21° 𐌶 36'38	
direct	-6192 Oct 12 j 07:46	24° 𐌶 58'43		retrograde	-6186 Aug 27 j 15:23	29° 𐌶 38'15	
	-6192 Dec 27 j 16:59	0° 𐌶		min. Earth dist.	-6186 Nov 01 j 09:46	26° 𐌶 14'42	8.16046 AU
evening set	-6191 Jan 23 j 03:18	3° 𐌶 17'47		opposition	-6186 Nov 02 j 02:10	26° 𐌶 11'21	-2°09'16
				direct	-6185 Jan 08 j 20:44	22° 𐌶 41'43	
conjunction	-6191 Feb 09 j 23:51	5° 𐌶 40'23	-1°56'33		-6185 Apr 18 j 10:35	0° 𐌶	
minimum elong	-6191 Feb 09 j 23:48	5° 𐌶 40'22	1°56'57	evening set	-6185 Apr 25 j 05:36	0° 𐌶 50'12	
max. Earth dist.	-6191 Feb 10 j 10:40	5° 𐌶 44'00	9.83471 AU				
morning rise	-6191 Feb 28 j 00:42	8° 𐌶 04'22		conjunction	-6185 May 13 j 06:23	3° 𐌶 06'47	-1°30'57
retrograde	-6191 Jun 16 j 04:05	16° 𐌶 47'46		minimum elong	-6185 May 13 j 06:27	3° 𐌶 06'48	1°30'59
opposition	-6191 Aug 22 j 11:34	13° 𐌶 15'00	-2°39'13	max. Earth dist.	-6185 May 14 j 03:09	3° 𐌶 13'23	10.23563 AU
min. Earth dist.	-6191 Aug 22 j 01:12	13° 𐌶 17'11	7.81671 AU	morning rise	-6185 May 31 j 03:50	5° 𐌶 22'12	
direct	-6191 Oct 27 j 02:41	9° 𐌶 46'12		retrograde	-6185 Sep 09 j 23:34	13° 𐌶 09'03	
evening set	-6190 Feb 07 j 19:56	18° 𐌶 11'51		opposition	-6185 Nov 15 j 16:00	9° 𐌶 44'13	-1°36'02
				min. Earth dist.	-6185 Nov 15 j 01:13	9° 𐌶 47'13	8.31396 AU
conjunction	-6190 Feb 25 j 19:20	20° 𐌶 35'38	-2°14'29	direct	-6184 Jan 23 j 05:03	6° 𐌶 15'31	
minimum elong	-6190 Feb 25 j 19:17	20° 𐌶 35'37	2°14'52	evening set	-6184 May 08 j 11:25	14° 𐌶 13'24	
max. Earth dist.	-6190 Feb 26 j 11:30	20° 𐌶 41'04	9.80563 AU				
morning rise	-6190 Mar 15 j 21:52	23° 𐌶 00'25		conjunction	-6184 May 26 j 09:33	16° 𐌶 26'45	-1°02'36
	-6190 May 18 j 21:32	0° 𐌶		minimum elong	-6184 May 26 j 09:36	16° 𐌶 26'46	1°02'32
retrograde	-6190 Jul 01 j 12:38	1° 𐌶 43'09		max. Earth dist.	-6184 May 27 j 03:06	16° 𐌶 32'14	10.39559 AU
	-6190 Aug 14 j 15:13	30° 𐌶		morning rise	-6184 Jun 13 j 03:29	18° 𐌶 38'43	
opposition	-6190 Sep 06 j 09:30	28° 𐌶 10'36	-2°56'11	retrograde	-6184 Sep 21 j 19:12	26° 𐌶 11'19	
min. Earth dist.	-6190 Sep 05 j 19:35	28° 𐌶 13'32	7.80917 AU	opposition	-6184 Nov 27 j 20:25	22° 𐌶 48'32	-0°59'00
direct	-6190 Nov 11 j 03:08	24° 𐌶 40'54		min. Earth dist.	-6184 Nov 27 j 07:20	22° 𐌶 51'08	8.47687 AU
	-6189 Jan 29 j 10:10	0° 𐌶		direct	-6183 Feb 05 j 03:57	19° 𐌶 20'58	
evening set	-6189 Feb 23 j 16:54	3° 𐌶 09'53		evening set	-6183 May 22 j 03:56	27° 𐌶 07'47	
conjunction	-6189 Mar 13 j 18:22	5° 𐌶 33'54	-2°23'27	conjunction	-6183 Jun 08 j 22:37	29° 𐌶 17'44	-0°31'57
minimum elong	-6189 Mar 13 j 18:22	5° 𐌶 33'54	2°23'47	minimum elong	-6183 Jun 08 j 22:38	29° 𐌶 17'44	0°31'48
max. Earth dist.	-6189 Mar 14 j 14:46	5° 𐌶 40'44	9.81889 AU	max. Earth dist.	-6183 Jun 09 j 12:48	29° 𐌶 22'05	10.56024 AU
morning rise	-6189 Mar 31 j 21:35	7° 𐌶 58'27			-6183 Jun 14 j 16:25	0° 𐌶	
	-6189 Jun 04 j 19:03	15° 𐌶		morning rise	-6183 Jun 26 j 12:20	1° 𐌶 26'09	
retrograde	-6189 Jul 16 j 15:48	16° 𐌶 35'56		retrograde	-6183 Oct 04 j 05:45	8° 𐌶 45'42	
	-6189 Aug 27 j 22:07	15° 𐌶		opposition	-6183 Dec 10 j 15:44	5° 𐌶 24'50	-0°20'29
opposition	-6189 Sep 21 j 04:57	13° 𐌶 04'09	-3°01'11	min. Earth dist.	-6183 Dec 10 j 05:26	5° 𐌶 26'51	8.64032 AU
min. Earth dist.	-6189 Sep 20 j 12:27	13° 𐌶 07'37	7.84350 AU	direct	-6182 Feb 18 j 15:53	1° 𐌶 58'33	
direct	-6189 Nov 26 j 05:44	9° 𐌶 33'53		evening set	-6182 Jun 04 j 07:29	9° 𐌶 34'32	
	-6188 Feb 15 j 02:47	15° 𐌶					
evening set	-6188 Mar 10 j 13:14	18° 𐌶 02'33		conjunction	-6182 Jun 21 j 21:57	11° 𐌶 41'06	-0°00'46
				minimum elong	-6182 Jun 21 j 21:58	11° 𐌶 41'06	0°00'31
conjunction	-6188 Mar 28 j 15:56	20° 𐌶 25'51	-2°22'48	behind sun begin	-6182 Jun 21 j 14:49	11° 𐌶 38'58	
minimum elong	-6188 Mar 28 j 15:58	20° 𐌶 25'51	2°23'06	behind sun end	-6182 Jun 22 j 05:08	11° 𐌶 43'14	
max. Earth dist.	-6188 Mar 29 j 15:07	20° 𐌶 33'32	9.87366 AU	max. Earth dist.	-6182 Jun 22 j 08:19	11° 𐌶 44'12	10.72081 AU
morning rise	-6188 Apr 15 j 18:57	22° 𐌶 49'11		asc. node	-6182 Jun 30 j 23:25	12° 𐌶 46'38	
	-6188 Jun 23 j 00:59	0° 𐌶		morning rise	-6182 Jul 09 j 06:59	13° 𐌶 46'03	
retrograde	-6188 Jul 30 j 10:38	1° 𐌶 17'22			-6182 Jul 19 j 22:04	15° 𐌶	
	-6188 Sep 06 j 02:33	30° 𐌶		retrograde	-6182 Oct 16 j 07:51	20° 𐌶 54'15	
opposition	-6188 Oct 04 j 19:37	27° 𐌶 46'50	-2°54'08	opposition	-6182 Dec 23 j 03:10	17° 𐌶 35'09	0°17'32
min. Earth dist.	-6188 Oct 04 j 01:54	27° 𐌶 50'33	7.91730 AU	min. Earth dist.	-6182 Dec 22 j 20:46	17° 𐌶 36'23	8.79596 AU
direct	-6188 Dec 10 j 07:30	24° 𐌶 16'25			-6181 Jan 30 j 10:03	15° 𐌶	
	-6187 Mar 04 j 11:43	0° 𐌶		direct	-6181 Mar 03 j 16:23	14° 𐌶 10'11	
evening set	-6187 Mar 26 j 04:15	2° 𐌶 41'07			-6181 Apr 04 j 20:53	15° 𐌶	
				evening set	-6181 Jun 16 j 22:54	21° 𐌶 36'08	
conjunction	-6187 Apr 13 j 07:19	5° 𐌶 02'50	-2°12'57				
minimum elong	-6187 Apr 13 j 07:22	5° 𐌶 02'51	2°13'09	conjunction	-6181 Jul 04 j 08:33	23° 𐌶 39'28	0°29'36
max. Earth dist.	-6187 Apr 14 j 07:28	5° 𐌶 10'45	9.96603 AU	minimum elong	-6181 Jul 04 j 08:32	23° 𐌶 39'28	0°29'54

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Attention, astronomical year style is used: The year -6181 in astronomical counting style is the year 6182 BCE in historical counting style.

max. Earth dist.	-6181 Jul 04 j 13:56	23° 8 41'04	10.86938 AU	minimum elong	-6175 Sep 08 j 02:47	0° Ω 17'26	2°24'13
morning rise	-6181 Jul 21 j 12:43	25° 8 41'13		morning rise	-6175 Sep 24 j 10:13	2° Ω 09'33	
	-6181 Aug 31 j 20:25	0° Π		retrograde	-6174 Jan 01 j 20:40	8° Ω 55'53	
retrograde	-6181 Oct 28 j 00:13	2° Π 40'09		opposition	-6174 Mar 13 j 12:03	5° Ω 40'10	2°57'39
	-6181 Dec 27 j 01:06	30° 8 8		min. Earth dist.	-6174 Mar 14 j 03:32	5° Ω 37'21	9.25192 AU
opposition	-6180 Jan 04 j 07:42	29° 8 22'34	0°53'32	direct	-6174 May 24 j 07:06	2° Ω 21'29	
min. Earth dist.	-6180 Jan 04 j 05:44	29° 8 22'56	8.93649 AU	evening set	-6174 Sep 02 j 15:17	9° Ω 15'12	
direct	-6180 Mar 15 j 10:07	25° 8 58'54					
	-6180 May 28 j 18:40	0° Π		conjunction	-6174 Sep 18 j 23:17	11° Ω 07'55	2°26'55
evening set	-6180 Jun 28 j 03:37	3° Π 16'04		minimum elong	-6174 Sep 18 j 23:17	11° Ω 07'55	2°27'14
				max. Earth dist.	-6174 Sep 18 j 04:56	11° Ω 02'36	11.22869 AU
conjunction	-6180 Jul 15 j 08:13	5° Π 16'28	0°57'53	morning rise	-6174 Oct 05 j 06:00	13° Ω 00'23	
minimum elong	-6180 Jul 15 j 08:11	5° Π 16'27	0°58'13		-6174 Oct 23 j 10:47	15° Ω	
max. Earth dist.	-6180 Jul 15 j 07:54	5° Π 16'22	10.99962 AU	retrograde	-6173 Jan 13 j 09:34	19° Ω 51'10	
morning rise	-6180 Aug 01 j 07:45	7° Π 15'23		opposition	-6173 Mar 25 j 05:36	16° Ω 34'35	2°58'20
retrograde	-6180 Nov 07 j 12:12	14° Π 07'14		min. Earth dist.	-6173 Mar 25 j 22:27	16° Ω 31'30	9.20283 AU
opposition	-6179 Jan 15 j 06:25	10° Π 50'51	1°26'21		-6173 Apr 16 j 18:35	15° 8 8	
min. Earth dist.	-6179 Jan 15 j 08:02	10° Π 50'33	9.05646 AU	direct	-6173 Jun 04 j 16:53	13° Ω 16'03	
direct	-6179 Mar 27 j 19:18	7° Π 28'27			-6173 Jul 21 j 21:53	15° Ω	
evening set	-6179 Jul 09 j 23:07	14° Π 38'11		evening set	-6173 Sep 13 j 14:00	20° Ω 10'56	
conjunction	-6179 Jul 26 j 22:54	16° Π 36'03	1°23'15	conjunction	-6173 Sep 29 j 21:31	22° Ω 04'21	2°24'39
minimum elong	-6179 Jul 26 j 22:51	16° Π 36'02	1°23'37	minimum elong	-6173 Sep 29 j 21:32	22° Ω 04'21	2°24'55
max. Earth dist.	-6179 Jul 26 j 18:14	16° Π 34'42	11.10724 AU	max. Earth dist.	-6173 Sep 29 j 01:17	21° Ω 58'27	11.16566 AU
morning rise	-6179 Aug 12 j 17:57	18° Π 32'35		morning rise	-6173 Oct 16 j 04:50	23° Ω 57'48	
retrograde	-6179 Nov 18 j 19:48	25° Π 19'26			-6173 Dec 22 j 07:07	0° Π	
opposition	-6178 Jan 27 j 01:00	22° Π 03'54	1°55'04	retrograde	-6172 Jan 25 j 03:21	0° Π 54'45	
min. Earth dist.	-6178 Jan 27 j 05:36	22° Π 03'03	9.15216 AU		-6172 Feb 28 j 16:08	30° 8 8	
direct	-6178 Apr 08 j 20:40	18° Π 42'38		opposition	-6172 Apr 05 j 02:50	27° Ω 37'03	2°52'31
evening set	-6178 Jul 21 j 11:00	25° Π 46'19		min. Earth dist.	-6172 Apr 05 j 21:08	27° Ω 33'41	9.12589 AU
				direct	-6172 Jun 15 j 03:34	24° Ω 18'28	
conjunction	-6178 Aug 07 j 06:18	27° Π 42'05	1°45'00		-6172 Sep 12 j 10:21	0° Π	
minimum elong	-6178 Aug 07 j 06:15	27° Π 42'05	1°45'23	evening set	-6172 Sep 23 j 15:31	1° Π 16'01	
max. Earth dist.	-6178 Aug 06 j 22:30	27° Π 39'50	11.18915 AU				
morning rise	-6178 Aug 23 j 21:10	29° Π 36'41		conjunction	-6172 Oct 09 j 23:38	3° Π 10'44	2°16'57
	-6178 Aug 27 j 07:59	0° Ω		minimum elong	-6172 Oct 09 j 23:40	3° Π 10'45	2°17'08
retrograde	-6178 Nov 30 j 02:39	6° Ω 20'35		max. Earth dist.	-6172 Oct 09 j 02:17	3° Π 04'27	11.07605 AU
opposition	-6177 Feb 07 j 16:50	3° Ω 05'34	2°19'01	morning rise	-6172 Oct 26 j 08:42	5° Π 05'48	
min. Earth dist.	-6177 Feb 08 j 00:46	3° Ω 04'06	9.22099 AU	retrograde	-6171 Feb 05 j 03:07	12° Π 10'36	
	-6177 Apr 02 j 20:37	30° 8 8		opposition	-6171 Apr 17 j 04:50	8° Π 51'31	2°40'04
direct	-6177 Apr 20 j 16:47	29° Π 45'15		min. Earth dist.	-6171 Apr 17 j 23:32	8° Π 48'04	9.02343 AU
	-6177 May 08 j 09:55	0° Ω		direct	-6171 Jun 26 j 18:13	5° Π 32'43	
evening set	-6177 Aug 01 j 17:01	6° Ω 44'16		evening set	-6171 Oct 04 j 21:34	12° Π 34'28	
				max. Earth dist.	-6171 Oct 20 j 11:10	14° Π 25'01	10.96264 AU
conjunction	-6177 Aug 18 j 08:14	8° Ω 38'26	2°02'37				
minimum elong	-6177 Aug 18 j 08:11	8° Ω 38'26	2°03'01	conjunction	-6171 Oct 21 j 07:31	14° Π 31'06	2°03'47
max. Earth dist.	-6177 Aug 17 j 20:47	8° Ω 35'09	11.24324 AU	minimum elong	-6171 Oct 21 j 07:34	14° Π 31'06	2°03'55
morning rise	-6177 Sep 03 j 19:43	10° Ω 31'38		morning rise	-6171 Nov 06 j 19:13	16° Π 28'20	
retrograde	-6177 Dec 11 j 06:54	17° Ω 14'28		retrograde	-6170 Feb 17 j 13:52	23° Π 42'37	
opposition	-6176 Feb 19 j 07:09	13° Ω 59'35	2°37'42	opposition	-6170 Apr 29 j 13:09	20° Π 21'58	2°20'57
min. Earth dist.	-6176 Feb 19 j 18:47	13° Ω 57'27	9.26121 AU	min. Earth dist.	-6170 Apr 30 j 06:30	20° Π 18'44	8.89880 AU
direct	-6176 May 01 j 06:55	10° Ω 40'00		direct	-6170 Jul 08 j 13:31	17° Π 02'46	
evening set	-6176 Aug 11 j 18:33	17° Ω 35'48		evening set	-6170 Oct 16 j 10:08	24° Π 10'07	
conjunction	-6176 Aug 28 j 06:21	19° Ω 28'55	2°15'41	conjunction	-6170 Nov 01 j 22:55	26° Π 09'14	1°45'15
minimum elong	-6176 Aug 28 j 06:20	19° Ω 28'54	2°16'04	minimum elong	-6170 Nov 01 j 22:58	26° Π 09'15	1°45'19
max. Earth dist.	-6176 Aug 27 j 15:06	19° Ω 24'31	11.26819 AU	max. Earth dist.	-6170 Nov 01 j 03:55	26° Π 03'29	10.82920 AU
morning rise	-6176 Sep 13 j 15:27	21° Ω 21'17		morning rise	-6170 Nov 18 j 14:13	28° Π 09'15	
retrograde	-6176 Dec 21 j 12:10	28° Ω 04'58			-6170 Dec 04 j 15:01	0° Ω	
opposition	-6175 Mar 01 j 21:07	24° Ω 49'49	2°50'41	retrograde	-6169 Mar 02 j 09:38	5° Ω 34'25	
min. Earth dist.	-6175 Mar 02 j 11:18	24° Ω 47'14	9.27162 AU	opposition	-6169 May 12 j 04:47	2° Ω 12'04	1°55'20
direct	-6175 May 12 j 20:22	21° Ω 30'46		min. Earth dist.	-6169 May 12 j 20:20	2° Ω 09'08	8.75645 AU
evening set	-6175 Aug 22 j 17:24	28° Ω 24'50			-6169 Jun 13 j 01:48	30° 8 8	
	-6175 Sep 05 j 14:22	0° Ω		direct	-6169 Jul 20 j 12:05	28° Π 52'17	
max. Earth dist.	-6175 Sep 07 j 09:31	0° Ω 12'27	11.26326 AU		-6169 Aug 25 j 23:30	0° Ω	
				evening set	-6169 Oct 28 j 07:35	6° Ω 06'44	
conjunction	-6175 Sep 08 j 02:48	0° Ω 17'26	2°23'51				

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Attention, astronomical year style is used: The year -6169 in astronomical counting style is the year 6170 BCE in historical counting style.

conjunction	-6169 Nov 13 j 23:52	8° <u>♁</u> 08'48	1°21'41	conjunction	-6162 Feb 03 j 11:16	29° <u>♂</u> 21'19	-1°45'59
minimum elong	-6169 Nov 13 j 23:56	8° <u>♁</u> 08'49	1°21'41	minimum elong	-6162 Feb 03 j 11:12	29° <u>♂</u> 21'18	1°46'23
max. Earth dist.	-6169 Nov 13 j 06:04	8° <u>♁</u> 03'20	10.68074 AU	max. Earth dist.	-6162 Feb 03 j 20:14	29° <u>♂</u> 24'19	9.87713 AU
morning rise	-6169 Nov 30 j 19:46	10° <u>♁</u> 12'05			-6162 Feb 08 j 07:11	0° <u>♂</u>	
retrograde	-6168 Mar 14 j 15:21	17° <u>♁</u> 49'17		morning rise	-6162 Feb 21 j 10:48	1° <u>♂</u> 44'23	
opposition	-6168 May 24 j 04:24	14° <u>♁</u> 25'10	1°23'41	retrograde	-6162 Jun 09 j 19:05	10° <u>♂</u> 26'05	
min. Earth dist.	-6168 May 24 j 18:07	14° <u>♁</u> 22'33	8.60206 AU	opposition	-6162 Aug 16 j 06:31	6° <u>♂</u> 54'01	-2°27'59
direct	-6168 Jul 31 j 19:32	11° <u>♁</u> 04'35		min. Earth dist.	-6162 Aug 15 j 21:29	6° <u>♂</u> 55'55	7.85009 AU
evening set	-6168 Nov 08 j 15:35	18° <u>♁</u> 27'34		direct	-6162 Oct 20 j 20:25	3° <u>♂</u> 26'22	
				evening set	-6161 Feb 01 j 05:44	11° <u>♂</u> 48'49	
conjunction	-6168 Nov 25 j 12:04	20° <u>♁</u> 32'59	0°53'40				
minimum elong	-6168 Nov 25 j 12:07	20° <u>♁</u> 33'00	0°53'34	conjunction	-6161 Feb 19 j 03:41	14° <u>♂</u> 11'57	-2°07'27
max. Earth dist.	-6168 Nov 24 j 20:25	20° <u>♁</u> 28'06	10.52339 AU	minimum elong	-6161 Feb 19 j 03:38	14° <u>♂</u> 11'56	2°07'51
morning rise	-6168 Dec 12 j 13:07	22° <u>♁</u> 39'53		max. Earth dist.	-6161 Feb 19 j 16:47	14° <u>♂</u> 16'20	9.82951 AU
	-6167 Mar 03 j 22:17	0° <u>♁</u>		morning rise	-6161 Mar 09 j 05:28	16° <u>♂</u> 36'17	
retrograde	-6167 Mar 28 j 08:35	0° <u>♁</u> 30'00		retrograde	-6161 Jun 25 j 05:11	25° <u>♂</u> 19'23	
	-6167 Apr 21 j 23:05	30° <u>♁</u>		opposition	-6161 Aug 31 j 04:31	21° <u>♂</u> 47'19	-2°49'51
opposition	-6167 Jun 06 j 12:54	27° <u>♁</u> 04'05	0°46'50	min. Earth dist.	-6161 Aug 30 j 16:55	21° <u>♂</u> 49'45	7.82213 AU
min. Earth dist.	-6167 Jun 07 j 00:17	27° <u>♁</u> 01'52	8.44247 AU	direct	-6161 Nov 04 j 19:14	18° <u>♂</u> 18'35	
direct	-6167 Aug 13 j 11:21	23° <u>♁</u> 42'33		evening set	-6160 Feb 17 j 01:17	26° <u>♂</u> 46'07	
	-6167 Nov 11 j 05:23	0° <u>♁</u>					
evening set	-6167 Nov 21 j 11:44	1° <u>♁</u> 15'13		conjunction	-6160 Mar 06 j 01:36	29° <u>♂</u> 09'57	-2°20'31
				minimum elong	-6160 Mar 06 j 01:35	29° <u>♂</u> 09'57	2°20'53
conjunction	-6167 Dec 08 j 12:58	3° <u>♁</u> 24'14	0°22'07	max. Earth dist.	-6160 Mar 06 j 18:19	29° <u>♂</u> 15'33	9.82070 AU
minimum elong	-6167 Dec 08 j 12:59	3° <u>♁</u> 24'14	0°21'56		-6160 Mar 12 j 07:09	0° <u>♁</u>	
max. Earth dist.	-6167 Dec 08 j 01:26	3° <u>♁</u> 20'35	10.36435 AU	morning rise	-6160 Mar 24 j 04:36	1° <u>♁</u> 34'36	
morning rise	-6167 Dec 25 j 19:19	5° <u>♁</u> 34'56		retrograde	-6160 Jul 09 j 10:55	10° <u>♁</u> 14'44	
retrograde	-6166 Apr 11 j 12:50	13° <u>♁</u> 38'16		min. Earth dist.	-6160 Sep 13 j 11:46	6° <u>♁</u> 46'04	7.83389 AU
opposition	-6166 Jun 20 j 06:23	10° <u>♁</u> 10'37	0°06'08	opposition	-6160 Sep 14 j 01:34	6° <u>♁</u> 43'10	-3°00'17
min. Earth dist.	-6166 Jun 20 j 14:03	10° <u>♁</u> 09'06	8.28554 AU	direct	-6160 Nov 18 j 22:11	3° <u>♁</u> 13'39	
desc. node	-6166 Aug 14 j 07:17	6° <u>♁</u> 56'14		evening set	-6159 Mar 03 j 22:32	11° <u>♁</u> 42'47	
direct	-6166 Aug 26 j 12:37	6° <u>♁</u> 48'00					
evening set	-6166 Dec 04 j 21:47	14° <u>♁</u> 31'16		conjunction	-6159 Mar 22 j 00:33	14° <u>♁</u> 06'26	-2°24'09
	-6166 Dec 08 j 16:27	15° <u>♁</u>		minimum elong	-6159 Mar 22 j 00:34	14° <u>♁</u> 06'26	2°24'28
				max. Earth dist.	-6159 Mar 22 j 20:12	14° <u>♁</u> 12'58	9.85271 AU
conjunction	-6166 Dec 22 j 03:58	16° <u>♁</u> 43'57	-0°11'41		-6159 Mar 28 j 17:31	15° <u>♁</u>	
minimum elong	-6166 Dec 22 j 03:57	16° <u>♁</u> 43'56	0°11'56	morning rise	-6159 Apr 09 j 03:52	16° <u>♁</u> 30'22	
behind sun begin	-6166 Dec 21 j 22:59	16° <u>♁</u> 42'21		retrograde	-6159 Jul 24 j 08:54	25° <u>♁</u> 03'13	
behind sun end	-6166 Dec 22 j 08:55	16° <u>♁</u> 45'31		opposition	-6159 Sep 28 j 18:56	21° <u>♁</u> 32'35	-2°58'32
max. Earth dist.	-6166 Dec 21 j 21:30	16° <u>♁</u> 41'52	10.21179 AU	min. Earth dist.	-6159 Sep 28 j 03:21	21° <u>♁</u> 35'51	7.88580 AU
morning rise	-6165 Jan 08 j 15:29	18° <u>♁</u> 58'24		direct	-6159 Dec 04 j 01:28	18° <u>♁</u> 02'34	
retrograde	-6165 Apr 26 j 02:57	27° <u>♁</u> 14'28		evening set	-6158 Mar 19 j 16:49	26° <u>♁</u> 29'35	
opposition	-6165 Jul 04 j 08:20	23° <u>♁</u> 45'14	-0°36'26				
min. Earth dist.	-6165 Jul 04 j 11:33	23° <u>♁</u> 44'36	8.13978 AU	conjunction	-6158 Apr 06 j 19:47	28° <u>♁</u> 52'07	-2°18'17
direct	-6165 Sep 09 j 01:00	20° <u>♁</u> 21'26		minimum elong	-6158 Apr 06 j 19:49	28° <u>♁</u> 52'08	2°18'32
evening set	-6165 Dec 18 j 22:21	28° <u>♁</u> 15'44		max. Earth dist.	-6158 Apr 07 j 17:19	28° <u>♁</u> 59'13	9.92409 AU
	-6164 Jan 01 j 07:51	0° <u>♂</u>			-6158 Apr 15 j 09:52	0° <u>♂</u>	
				morning rise	-6158 Apr 24 j 22:30	1° <u>♂</u> 14'27	
conjunction	-6164 Jan 05 j 09:17	0° <u>♂</u> 31'53	-0°45'45	retrograde	-6158 Aug 07 j 21:45	9° <u>♂</u> 36'22	
minimum elong	-6164 Jan 05 j 09:15	0° <u>♂</u> 31'52	0°46'04	opposition	-6158 Oct 13 j 06:16	6° <u>♂</u> 07'01	-2°45'13
max. Earth dist.	-6164 Jan 05 j 08:13	0° <u>♂</u> 31'32	10.07433 AU	min. Earth dist.	-6158 Oct 12 j 13:28	6° <u>♂</u> 10'31	7.97453 AU
morning rise	-6164 Jan 23 j 01:33	2° <u>♂</u> 49'50		direct	-6158 Dec 19 j 02:10	2° <u>♂</u> 36'53	
retrograde	-6164 May 10 j 02:38	11° <u>♂</u> 17'13		evening set	-6157 Apr 04 j 03:59	10° <u>♂</u> 58'20	
opposition	-6164 Jul 17 j 18:10	7° <u>♂</u> 46'40	-1°18'20				
min. Earth dist.	-6164 Jul 17 j 16:38	7° <u>♂</u> 46'59	8.01371 AU	conjunction	-6157 Apr 22 j 06:54	13° <u>♂</u> 18'56	-2°03'47
direct	-6164 Sep 21 j 22:23	4° <u>♂</u> 21'37		minimum elong	-6157 Apr 22 j 06:58	13° <u>♂</u> 18'57	2°03'56
evening set	-6163 Jan 01 j 13:00	12° <u>♂</u> 26'39		max. Earth dist.	-6157 Apr 23 j 05:09	13° <u>♂</u> 26'11	10.02980 AU
				morning rise	-6157 May 10 j 08:03	15° <u>♂</u> 38'53	
conjunction	-6163 Jan 19 j 04:11	14° <u>♂</u> 45'49	-1°17'59	retrograde	-6157 Aug 21 j 23:55	23° <u>♂</u> 47'23	
minimum elong	-6163 Jan 19 j 04:07	14° <u>♂</u> 45'48	1°18'22	opposition	-6157 Oct 27 j 09:36	20° <u>♂</u> 19'38	-2°22'01
max. Earth dist.	-6163 Jan 19 j 08:22	14° <u>♂</u> 47'13	9.96036 AU	min. Earth dist.	-6157 Oct 26 j 16:44	20° <u>♂</u> 23'07	8.09394 AU
morning rise	-6163 Feb 06 j 00:30	17° <u>♂</u> 06'43		direct	-6156 Jan 02 j 20:55	16° <u>♂</u> 49'43	
retrograde	-6163 May 25 j 09:08	25° <u>♂</u> 42'58		evening set	-6156 Apr 18 j 04:37	25° <u>♂</u> 02'53	
opposition	-6163 Aug 01 j 10:18	22° <u>♂</u> 11'28	-1°56'33				
min. Earth dist.	-6163 Aug 01 j 04:30	22° <u>♂</u> 12'40	7.91516 AU	conjunction	-6156 May 06 j 06:28	27° <u>♂</u> 20'55	-1°42'12
direct	-6163 Oct 06 j 05:08	18° <u>♂</u> 45'05		minimum elong	-6156 May 06 j 06:32	27° <u>♂</u> 20'56	1°42'16
evening set	-6162 Jan 16 j 16:24	26° <u>♂</u> 59'46		max. Earth dist.	-6156 May 07 j 04:01	27° <u>♂</u> 27'49	10.16254 AU

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Attention, astronomical year style is used: The year -6156 in astronomical counting style is the year 6157 BCE in historical counting style.

morning rise	-6156 May 24 j 05:12	29° X 37'54		conjunction	-6150 Jul 22 j 08:12	11° II 55'41	1°12'30
	-6156 May 27 j 04:05	0° Y		minimum elong	-6150 Jul 22 j 08:09	11° II 55'40	1°12'52
retrograde	-6156 Sep 03 j 14:54	7° Y 31'48		max. Earth dist.	-6150 Jul 22 j 07:31	11° II 55'29	11.05214 AU
opposition	-6156 Nov 09 j 03:56	4° Y 05'51	-1°51'17	morning rise	-6150 Aug 08 j 05:07	13° II 53'16	
min. Earth dist.	-6156 Nov 08 j 12:17	4° Y 09'03	8.23616 AU	retrograde	-6150 Nov 14 j 06:57	20° II 42'04	
direct	-6155 Jan 16 j 08:31	0° Y 36'31		opposition	-6149 Jan 22 j 07:53	17° II 25'46	1°43'00
evening set	-6155 May 02 j 16:41	8° Y 39'36		min. Earth dist.	-6149 Jan 22 j 10:29	17° II 25'17	9.10508 AU
				direct	-6149 Apr 04 j 00:00	14° II 03'37	
conjunction	-6155 May 20 j 16:23	10° Y 54'34	-1°15'28	evening set	-6149 Jul 16 j 20:52	21° II 09'42	
minimum elong	-6155 May 20 j 16:26	10° Y 54'36	1°15'26				
max. Earth dist.	-6155 May 21 j 11:42	11° Y 00'39	10.31361 AU	conjunction	-6149 Aug 02 j 18:03	23° II 06'21	1°35'54
morning rise	-6155 Jun 07 j 11:57	13° Y 08'14		minimum elong	-6149 Aug 02 j 18:00	23° II 06'20	1°36'17
retrograde	-6155 Sep 16 j 16:24	20° Y 47'31		max. Earth dist.	-6149 Aug 02 j 12:37	23° II 04'46	11.15133 AU
opposition	-6155 Nov 22 j 12:49	17° Y 23'28	-1°15'37	morning rise	-6149 Aug 19 j 10:48	25° II 01'45	
min. Earth dist.	-6155 Nov 21 j 23:39	17° Y 26'07	8.39235 AU		-6149 Oct 09 j 16:06	0° E	
direct	-6154 Jan 30 j 11:41	13° Y 54'59		retrograde	-6149 Nov 25 j 12:55	1° E 46'30	
evening set	-6154 May 16 j 15:32	21° Y 47'10			-6148 Jan 13 j 03:18	30° R II	
				opposition	-6148 Feb 03 j 00:23	28° II 31'01	2°09'05
conjunction	-6154 Jun 03 j 12:00	23° Y 58'48	-0°45'36	min. Earth dist.	-6148 Feb 03 j 06:15	28° II 29'56	9.19223 AU
minimum elong	-6154 Jun 03 j 12:02	23° Y 58'49	0°45'28	direct	-6148 Apr 14 j 23:17	25° II 10'04	
max. Earth dist.	-6154 Jun 04 j 03:32	24° Y 03'36	10.47392 AU		-6148 Jul 07 j 02:38	0° E	
morning rise	-6154 Jun 21 j 03:43	26° Y 08'57		evening set	-6148 Jul 27 j 04:51	2° E 10'43	
	-6154 Jul 25 j 14:13	0° E					
retrograde	-6154 Sep 29 j 06:44	3° E 34'32		conjunction	-6148 Aug 12 j 21:45	4° E 05'29	1°55'22
opposition	-6154 Dec 05 j 12:22	0° E 12'22	-0°37'29	minimum elong	-6148 Aug 12 j 21:42	4° E 05'28	1°55'45
min. Earth dist.	-6154 Dec 05 j 02:07	0° E 14'24	8.55374 AU	max. Earth dist.	-6148 Aug 12 j 12:40	4° E 02'52	11.22440 AU
	-6154 Dec 08 j 03:01	30° R Y		morning rise	-6148 Aug 29 j 10:49	5° E 59'11	
direct	-6153 Feb 13 j 04:45	26° Y 44'58		retrograde	-6148 Dec 05 j 17:21	12° E 41'53	
	-6153 Apr 18 j 22:59	0° E		opposition	-6147 Feb 13 j 14:25	9° E 26'52	2°30'05
evening set	-6153 May 30 j 01:00	4° E 26'10		min. Earth dist.	-6147 Feb 13 j 22:39	9° E 25'22	9.25185 AU
				direct	-6147 Apr 26 j 15:29	6° E 06'59	
conjunction	-6153 Jun 16 j 17:24	6° E 34'23	-0°14'27	evening set	-6147 Aug 07 j 07:44	13° E 03'39	
minimum elong	-6153 Jun 16 j 17:25	6° E 34'23	0°14'15				
behind sun begin	-6153 Jun 16 j 14:06	6° E 33'24		conjunction	-6147 Aug 23 j 21:05	14° E 57'04	2°10'27
behind sun end	-6153 Jun 16 j 20:43	6° E 35'23		minimum elong	-6147 Aug 23 j 21:02	14° E 57'03	2°10'50
max. Earth dist.	-6153 Jun 17 j 04:18	6° E 37'41	10.63500 AU	max. Earth dist.	-6147 Aug 23 j 09:42	14° E 53'47	11.26895 AU
morning rise	-6153 Jul 04 j 04:45	8° E 41'02		morning rise	-6147 Sep 09 j 07:02	16° E 49'37	
	-6153 Sep 09 j 07:59	15° E		retrograde	-6147 Dec 16 j 23:26	23° E 32'11	
retrograde	-6153 Oct 11 j 11:16	15° E 54'27		opposition	-6146 Feb 25 j 03:52	20° E 17'20	2°45'33
	-6153 Nov 13 j 01:48	15° R E		min. Earth dist.	-6146 Feb 25 j 14:55	20° E 15'19	9.28202 AU
asc. node	-6153 Dec 08 j 07:16	13° E 19'34		direct	-6146 May 08 j 04:24	16° E 58'19	
opposition	-6153 Dec 18 j 03:24	12° E 34'03	0°01'00	evening set	-6146 Aug 18 j 07:12	23° E 52'26	
min. Earth dist.	-6153 Dec 17 j 19:42	12° E 35'33	8.71229 AU				
direct	-6152 Feb 26 j 11:36	9° E 07'55		conjunction	-6146 Sep 03 j 17:35	25° E 45'03	2°20'47
	-6152 May 27 j 12:38	15° E		minimum elong	-6146 Sep 03 j 17:34	25° E 45'03	2°21'10
evening set	-6152 Jun 10 j 21:32	16° E 38'37		max. Earth dist.	-6146 Sep 03 j 03:08	25° E 40'54	11.28362 AU
				morning rise	-6146 Sep 20 j 01:27	27° E 37'02	
conjunction	-6152 Jun 28 j 09:26	18° E 43'31	0°16'28		-6146 Oct 12 j 04:56	0° E	
minimum elong	-6152 Jun 28 j 09:25	18° E 43'31	0°16'45	retrograde	-6146 Dec 28 j 05:26	4° E 21'19	
max. Earth dist.	-6152 Jun 28 j 16:23	18° E 45'35	10.78924 AU	opposition	-6145 Mar 08 j 17:58	1° E 06'17	2°55'10
morning rise	-6152 Jul 15 j 16:03	20° E 46'50		min. Earth dist.	-6145 Mar 09 j 08:03	1° E 03'43	9.28186 AU
retrograde	-6152 Oct 22 j 07:24	27° E 50'01			-6145 Mar 24 j 06:20	30° R E	
opposition	-6152 Dec 29 j 10:45	24° E 31'11	0°38'04	direct	-6145 May 19 j 13:39	27° E 47'54	
min. Earth dist.	-6152 Dec 29 j 05:44	24° E 32'09	8.86081 AU		-6145 Jul 12 j 14:58	0° E	
direct	-6151 Mar 10 j 09:39	21° E 06'23		evening set	-6145 Aug 29 j 05:04	4° E 40'56	
evening set	-6151 Jun 23 j 06:47	28° E 27'36					
	-6151 Jul 06 j 10:26	0° II		conjunction	-6145 Sep 14 j 13:22	6° E 33'19	2°26'07
				minimum elong	-6145 Sep 14 j 13:22	6° E 33'19	2°26'27
conjunction	-6151 Jul 10 j 13:52	0° II 29'23	0°45'46	max. Earth dist.	-6145 Sep 13 j 19:49	6° E 28'15	11.26809 AU
minimum elong	-6151 Jul 10 j 13:50	0° II 29'23	0°46'06	morning rise	-6145 Sep 30 j 20:18	8° E 25'21	
max. Earth dist.	-6151 Jul 10 j 17:17	0° II 30'24	10.93007 AU		-6145 Dec 23 j 04:27	15° E	
morning rise	-6151 Jul 27 j 15:32	2° II 29'38		retrograde	-6144 Jan 08 j 14:29	15° E 13'08	
retrograde	-6151 Nov 02 j 22:37	9° II 24'35			-6144 Jan 25 j 06:06	15° R E	
opposition	-6150 Jan 10 j 11:42	6° II 07'09	1°12'25	opposition	-6144 Mar 19 j 09:40	11° E 57'31	2°58'37
min. Earth dist.	-6150 Jan 10 j 10:16	6° II 07'25	8.99333 AU	min. Earth dist.	-6144 Mar 20 j 01:51	11° E 54'35	9.25133 AU
direct	-6150 Mar 22 j 20:48	2° II 43'42		direct	-6144 May 30 j 00:17	8° E 39'31	
evening set	-6150 Jul 05 j 06:06	9° II 56'39			-6144 Sep 03 j 05:45	15° E	

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

evening set	-6144 Sep 08 j 02:46	15°Ω32'57		minimum elong	-6138 Dec 02 j 21:38	27°♄41'16	0°36'49
				max. Earth dist.	-6138 Dec 02 j 07:04	27°♄36'41	10.44990 AU
conjunction	-6144 Sep 24 j 10:15	17°Ω25'43	2°26'13	morning rise	-6138 Dec 20 j 01:15	29°♄49'57	
minimum elong	-6144 Sep 24 j 10:16	17°Ω25'43	2°26'30		-6138 Dec 21 j 09:54	0°♍	
max. Earth dist.	-6144 Sep 23 j 15:30	17°Ω20'16	11.22258 AU	retrograde	-6137 Apr 05 j 08:40	7°♍46'21	
morning rise	-6144 Oct 10 j 17:09	19°Ω18'23		opposition	-6137 Jun 14 j 07:08	4°♍19'31	0°25'16
retrograde	-6143 Jan 19 j 06:37	26°Ω11'24		min. Earth dist.	-6137 Jun 14 j 17:07	4°♍17'34	8.36641 AU
opposition	-6143 Mar 31 j 04:24	22°Ω54'54	2°55'42	direct	-6137 Aug 20 j 21:15	0°♍57'25	
min. Earth dist.	-6143 Mar 31 j 21:19	22°Ω51'49	9.19087 AU	evening set	-6137 Nov 29 j 01:35	8°♍34'58	
direct	-6143 Jun 10 j 11:23	19°Ω37'03					
evening set	-6143 Sep 19 j 02:16	26°Ω32'16		conjunction	-6137 Dec 16 j 05:18	10°♍45'48	0°04'12
				minimum elong	-6137 Dec 16 j 05:17	10°♍45'48	0°03'58
conjunction	-6143 Oct 05 j 09:58	28°Ω26'02	2°20'57	behind sun begin	-6137 Dec 15 j 22:13	10°♍43'34	
minimum elong	-6143 Oct 05 j 10:00	28°Ω26'02	2°21'10	behind sun end	-6137 Dec 16 j 12:21	10°♍48'02	
max. Earth dist.	-6143 Oct 04 j 14:29	28°Ω20'19	11.14793 AU	max. Earth dist.	-6137 Dec 15 j 18:04	10°♍42'13	10.28701 AU
	-6143 Oct 18 j 20:24	0°♎		morning rise	-6136 Jan 02 j 14:20	12°♍58'22	
morning rise	-6143 Oct 21 j 17:50	0°♎19'58			-6136 Jan 19 j 05:37	15°♍	
retrograde	-6142 Jan 31 j 03:17	7°♎19'56		desc. node	-6136 Jan 31 j 13:24	16°♍23'48	
opposition	-6142 Apr 12 j 03:31	4°♎02'12	2°46'14	retrograde	-6136 Apr 18 j 17:26	21°♍07'58	
min. Earth dist.	-6142 Apr 12 j 21:05	3°♎58'59	9.10182 AU	opposition	-6136 Jun 27 j 04:31	17°♍39'17	-0°16'36
direct	-6142 Jun 21 j 22:26	0°♎44'15		min. Earth dist.	-6136 Jun 27 j 11:10	17°♍37'58	8.20788 AU
evening set	-6142 Sep 30 j 05:31	7°♎42'48			-6136 Aug 04 j 11:58	15°♎♍	
				direct	-6136 Sep 02 j 03:45	14°♍15'47	
conjunction	-6142 Oct 16 j 14:22	9°♎38'10	2°10'15		-6136 Sep 30 j 09:06	15°♍	
minimum elong	-6142 Oct 16 j 14:25	9°♎38'11	2°10'25	evening set	-6136 Dec 11 j 18:38	22°♍04'29	
max. Earth dist.	-6142 Oct 15 j 17:25	9°♎31'59	11.04597 AU				
morning rise	-6142 Nov 02 j 00:31	11°♎34'01		conjunction	-6136 Dec 29 j 03:09	24°♍18'58	-0°29'59
retrograde	-6141 Feb 12 j 08:32	18°♎42'36		minimum elong	-6136 Dec 29 j 03:07	24°♍18'58	0°30'17
opposition	-6141 Apr 24 j 08:17	15°♎23'24	2°30'10	max. Earth dist.	-6136 Dec 28 j 20:35	24°♍16'51	10.13489 AU
min. Earth dist.	-6141 Apr 25 j 02:43	15°♎20'00	8.98658 AU	morning rise	-6135 Jan 15 j 17:19	26°♍35'17	
direct	-6141 Jul 03 j 14:15	12°♎05'03			-6135 Feb 13 j 01:15	0°♏	
evening set	-6141 Oct 11 j 14:21	19°♎08'33		retrograde	-6135 May 03 j 12:06	4°♏57'16	
max. Earth dist.	-6141 Oct 27 j 04:03	20°♎59'43	10.91972 AU	opposition	-6135 Jul 11 j 10:28	1°♏26'58	-0°59'05
				min. Earth dist.	-6135 Jul 11 j 13:09	1°♏26'25	8.06499 AU
conjunction	-6141 Oct 28 j 01:27	21°♎06'08	1°54'10		-6135 Jul 29 j 22:10	30°♎♍	
minimum elong	-6141 Oct 28 j 01:30	21°♎06'09	1°54'16	direct	-6135 Sep 15 j 20:35	28°♍02'01	
morning rise	-6141 Nov 13 j 14:58	23°♎04'31			-6135 Nov 01 j 05:00	0°♏	
	-6140 Feb 03 j 01:18	0°♏		evening set	-6135 Dec 26 j 02:04	6°♏02'00	
retrograde	-6140 Feb 24 j 21:41	0°♏23'20					
	-6140 Mar 18 j 00:13	30°♎♎		conjunction	-6134 Jan 12 j 15:13	8°♏19'51	-1°03'19
opposition	-6140 May 05 j 19:44	27°♎02'26	2°07'33	minimum elong	-6134 Jan 12 j 15:10	8°♏19'50	1°03'40
min. Earth dist.	-6140 May 06 j 13:56	26°♎59'02	8.84910 AU	max. Earth dist.	-6134 Jan 12 j 14:28	8°♏19'36	10.00247 AU
direct	-6140 Jul 14 j 10:35	23°♎43'28		morning rise	-6134 Jan 30 j 09:53	10°♏39'30	
	-6140 Oct 14 j 16:54	0°♏		retrograde	-6134 May 18 j 15:10	19°♏12'03	
evening set	-6140 Oct 22 j 06:50	0°♏53'28		opposition	-6134 Jul 25 j 23:40	15°♏40'27	-1°39'23
				min. Earth dist.	-6134 Jul 25 j 21:55	15°♏40'49	7.94643 AU
conjunction	-6140 Nov 07 j 21:14	2°♏53'49	1°32'55	direct	-6134 Sep 29 j 23:27	12°♏14'05	
minimum elong	-6140 Nov 07 j 21:17	2°♏53'50	1°32'56	evening set	-6133 Jan 09 j 23:30	20°♏24'44	
max. Earth dist.	-6140 Nov 07 j 01:25	2°♏47'48	10.77390 AU				
morning rise	-6140 Nov 24 j 14:49	4°♏55'14		conjunction	-6133 Jan 27 j 16:50	22°♏45'24	-1°33'35
retrograde	-6139 Mar 08 j 21:27	12°♏25'42		minimum elong	-6133 Jan 27 j 16:46	22°♏45'23	1°33'58
opposition	-6139 May 18 j 14:48	9°♏02'53	1°38'42	max. Earth dist.	-6133 Jan 27 j 22:18	22°♏47'14	9.89819 AU
min. Earth dist.	-6139 May 19 j 07:04	8°♏59'48	8.69514 AU	morning rise	-6133 Feb 14 j 15:05	25°♏07'44	
direct	-6139 Jul 26 j 15:17	5°♏43'05			-6133 Mar 27 j 13:12	0°♐	
evening set	-6139 Nov 03 j 08:59	13°♏01'01		retrograde	-6133 Jun 02 j 23:32	3°♐47'52	
max. Earth dist.	-6139 Nov 19 j 10:17	14°♏59'17	10.61487 AU	opposition	-6133 Aug 09 j 18:12	0°♐15'25	-2°14'23
				min. Earth dist.	-6133 Aug 09 j 11:44	0°♐16'46	7.85995 AU
conjunction	-6139 Nov 20 j 03:27	15°♏04'36	1°06'56		-6133 Aug 12 j 20:27	30°♎♏	
minimum elong	-6139 Nov 20 j 03:30	15°♏04'37	1°06'52	direct	-6133 Oct 14 j 11:28	26°♏47'43	
morning rise	-6139 Dec 07 j 01:47	17°♏09'30			-6133 Dec 13 j 01:10	0°♐	
retrograde	-6138 Mar 22 j 09:44	24°♏52'39		evening set	-6132 Jan 25 j 08:40	5°♐07'30	
opposition	-6138 May 31 j 18:30	21°♏27'49	1°04'15				
min. Earth dist.	-6138 Jun 01 j 07:41	21°♏25'17	8.53167 AU	conjunction	-6132 Feb 12 j 05:28	7°♐30'14	-1°58'23
direct	-6138 Aug 08 j 01:56	18°♏06'58		minimum elong	-6132 Feb 12 j 05:25	7°♐30'13	1°58'46
evening set	-6138 Nov 15 j 22:39	25°♏34'07		max. Earth dist.	-6132 Feb 12 j 16:48	7°♐34'02	9.82927 AU
				morning rise	-6132 Mar 01 j 06:20	9°♐54'20	
conjunction	-6138 Dec 02 j 21:37	27°♏41'15	0°36'58	retrograde	-6132 Jun 17 j 10:03	18°♐38'10	

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

opposition	-6132 Aug 23 j 16:01	15° Z 05'24	-2°41'04	conjunction	-6126 May 14 j 12:36	4° Y 58'37	-1°28'15
min. Earth dist.	-6132 Aug 23 j 05:15	15° Z 07'39	7.81160 AU	minimum elong	-6126 May 14 j 12:40	4° Y 58'39	1°28'16
direct	-6132 Oct 28 j 07:09	11° Z 36'32		max. Earth dist.	-6126 May 15 j 09:08	5° Y 05'09	10.23771 AU
evening set	-6131 Feb 09 j 01:58	20° Z 02'51		morning rise	-6126 Jun 01 j 10:00	7° Y 14'00	
				retrograde	-6126 Sep 11 j 02:59	15° Y 00'25	
conjunction	-6131 Feb 27 j 01:30	22° Z 26'46	-2°15'34	opposition	-6126 Nov 16 j 20:46	11° Y 35'35	-1°32'26
minimum elong	-6131 Feb 27 j 01:28	22° Z 26'45	2°15'56	min. Earth dist.	-6126 Nov 16 j 05:23	11° Y 38'42	8.31658 AU
max. Earth dist.	-6131 Feb 27 j 18:00	22° Z 32'18	9.80088 AU	direct	-6125 Jan 24 j 11:44	8° Y 06'52	
morning rise	-6131 Mar 17 j 04:01	24° Z 51'39		evening set	-6125 May 10 j 17:18	16° Y 04'32	
	-6131 Apr 29 j 06:55	0° \approx					
retrograde	-6131 Jul 02 j 18:37	3° \approx 34'40		conjunction	-6125 May 28 j 15:25	18° Y 17'49	-0°59'32
opposition	-6131 Sep 07 j 14:17	0° \approx 02'07	-2°57'01	minimum elong	-6125 May 28 j 15:28	18° Y 17'50	0°59'27
min. Earth dist.	-6131 Sep 07 j 00:12	0° \approx 05'05	7.80497 AU	max. Earth dist.	-6125 May 29 j 09:29	18° Y 23'27	10.39889 AU
	-6131 Sep 08 j 00:17	30° R Z		morning rise	-6125 Jun 15 j 09:07	20° Y 29'40	
direct	-6131 Nov 12 j 07:44	26° Z 32'20		retrograde	-6125 Sep 24 j 00:04	28° Y 01'50	
	-6130 Jan 13 j 17:24	0° \approx		min. Earth dist.	-6125 Nov 29 j 11:33	24° Y 41'44	8.48065 AU
evening set	-6130 Feb 24 j 23:24	5° \approx 01'53		opposition	-6125 Nov 30 j 01:00	24° Y 39'04	-0°55'03
				direct	-6124 Feb 07 j 08:51	21° Y 11'32	
conjunction	-6130 Mar 15 j 00:57	7° \approx 26'00	-2°23'41	evening set	-6124 May 23 j 09:22	28° Y 58'02	
minimum elong	-6130 Mar 15 j 00:57	7° \approx 26'00	2°24'01		-6124 May 31 j 22:07	0° B	
max. Earth dist.	-6130 Mar 15 j 21:20	7° \approx 32'49	9.81529 AU				
morning rise	-6130 Apr 02 j 04:12	9° \approx 50'37		conjunction	-6124 Jun 10 j 03:55	1° B 07'53	-0°28'42
	-6130 May 15 j 16:13	15° \approx		minimum elong	-6124 Jun 10 j 03:56	1° B 07'54	0°28'32
retrograde	-6130 Jul 17 j 21:36	18° \approx 28'11		max. Earth dist.	-6124 Jun 10 j 18:57	1° B 12'30	10.56468 AU
	-6130 Sep 21 j 16:58	15° R \approx		morning rise	-6124 Jun 27 j 17:17	3° B 16'09	
opposition	-6130 Sep 22 j 09:59	14° \approx 56'24	-3°00'57	retrograde	-6124 Oct 05 j 10:52	10° B 35'16	
min. Earth dist.	-6130 Sep 21 j 17:50	14° \approx 59'49	7.84056 AU	opposition	-6124 Dec 11 j 20:16	7° B 14'28	-0°16'26
direct	-6130 Nov 27 j 10:22	11° \approx 26'03		min. Earth dist.	-6124 Dec 11 j 10:11	7° B 16'27	8.64534 AU
	-6129 Jan 30 j 08:14	15° \approx		direct	-6123 Feb 19 j 19:34	3° B 48'14	
evening set	-6129 Mar 12 j 20:03	19° \approx 55'07		asc. node	-6123 May 22 j 20:55	9° B 49'24	
				evening set	-6123 Jun 05 j 12:25	11° B 23'51	
conjunction	-6129 Mar 30 j 22:48	22° \approx 18'30	-2°22'10				
minimum elong	-6129 Mar 30 j 22:50	22° \approx 18'30	2°22'27	conjunction	-6123 Jun 23 j 02:36	13° B 30'16	0°02'37
max. Earth dist.	-6129 Mar 31 j 21:26	22° \approx 26'00	9.87144 AU	minimum elong	-6123 Jun 23 j 02:35	13° B 30'16	0°02'52
morning rise	-6129 Apr 18 j 01:54	24° \approx 41'53		behind sun begin	-6123 Jun 22 j 19:26	13° B 28'08	
	-6129 Jun 02 j 13:32	0° H		behind sun end	-6123 Jun 23 j 09:44	13° B 32'24	
retrograde	-6129 Aug 01 j 16:27	3° H 09'55		max. Earth dist.	-6123 Jun 23 j 13:06	13° B 33'25	10.72652 AU
	-6129 Oct 02 j 22:34	30° R \approx			-6123 Jul 05 j 13:07	15° B	
min. Earth dist.	-6129 Oct 06 j 07:48	29° \approx 43'00	7.91577 AU	morning rise	-6123 Jul 10 j 11:19	15° B 35'05	
opposition	-6129 Oct 07 j 00:47	29° \approx 39'26	-2°52'49	retrograde	-6123 Oct 17 j 10:31	22° B 42'50	
direct	-6129 Dec 12 j 12:31	26° \approx 08'53		opposition	-6123 Dec 24 j 07:29	19° B 23'49	0°21'31
	-6128 Feb 17 j 20:48	0° H		min. Earth dist.	-6123 Dec 24 j 01:20	19° B 25'00	8.80243 AU
evening set	-6128 Mar 27 j 11:09	4° H 33'50		direct	-6122 Mar 04 j 22:07	15° B 58'53	
				evening set	-6122 Jun 18 j 03:24	23° B 24'26	
conjunction	-6128 Apr 14 j 14:11	6° H 55'35	-2°11'30				
minimum elong	-6128 Apr 14 j 14:14	6° H 55'37	2°11'42	conjunction	-6122 Jul 05 j 12:37	25° B 27'34	0°32'45
max. Earth dist.	-6128 Apr 15 j 13:25	7° H 03'12	9.96524 AU	minimum elong	-6122 Jul 05 j 12:36	25° B 27'34	0°33'03
morning rise	-6128 May 02 j 16:15	9° H 16'55		max. Earth dist.	-6122 Jul 05 j 17:39	25° B 29'03	10.87660 AU
retrograde	-6128 Aug 15 j 00:29	17° H 32'26		morning rise	-6122 Jul 22 j 16:34	27° B 29'09	
opposition	-6128 Oct 20 j 08:22	14° H 03'36	-2°33'53		-6122 Aug 14 j 07:54	0° II	
min. Earth dist.	-6128 Oct 19 j 15:20	14° H 07'08	8.02531 AU	retrograde	-6122 Oct 29 j 03:27	4° II 27'37	
direct	-6128 Dec 26 j 10:58	10° H 33'18		opposition	-6121 Jan 05 j 11:39	1° II 10'05	0°57'15
evening set	-6127 Apr 11 j 17:16	18° H 51'03		min. Earth dist.	-6121 Jan 05 j 09:12	1° II 10'33	8.94450 AU
					-6121 Jan 21 j 05:22	30° R B	
conjunction	-6127 Apr 29 j 19:40	21° H 10'29	-1°52'55	direct	-6121 Mar 17 j 15:18	27° B 46'30	
minimum elong	-6127 Apr 29 j 19:44	21° H 10'30	1°53'02		-6121 May 10 j 16:22	0° II	
max. Earth dist.	-6127 Apr 30 j 18:02	21° H 17'42	10.09012 AU	evening set	-6121 Jun 30 j 07:30	5° II 03'07	
morning rise	-6127 May 17 j 19:51	23° H 29'04					
	-6127 Jul 19 j 02:16	0° Y		conjunction	-6121 Jul 17 j 11:44	7° II 03'19	1°00'46
retrograde	-6127 Aug 28 j 20:12	1° Y 30'17		minimum elong	-6121 Jul 17 j 11:42	7° II 03'18	1°01'07
	-6127 Oct 09 j 02:55	30° R H		max. Earth dist.	-6121 Jul 17 j 11:43	7° II 03'19	11.00827 AU
opposition	-6127 Nov 03 j 07:10	28° H 03'23	-2°06'14	morning rise	-6121 Aug 03 j 10:56	9° II 02'02	
min. Earth dist.	-6127 Nov 02 j 14:40	28° H 06'46	8.16181 AU	retrograde	-6121 Nov 09 j 14:37	15° II 53'25	
direct	-6126 Jan 10 j 03:42	24° H 33'42		opposition	-6120 Jan 17 j 10:07	12° II 37'04	1°29'39
	-6126 Apr 03 j 21:09	0° Y		min. Earth dist.	-6120 Jan 17 j 10:47	12° II 36'57	9.06558 AU
evening set	-6126 Apr 26 j 11:49	2° Y 42'06		direct	-6120 Mar 28 j 23:34	9° II 14'46	
				evening set	-6120 Jul 11 j 02:13	16° II 23'52	

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Attention, astronomical year style is used: The year -6120 in astronomical counting style is the year 6121 BCE in historical counting style.

conjunction	-6120 Jul 28 j 01:44	18° Π 21'32	1°25'46	max. Earth dist.	-6114 Sep 30 j 01:07	23° Ω 38'28	11.17028 AU
minimum elong	-6120 Jul 28 j 01:41	18° Π 21'31	1°26'08	morning rise	-6114 Oct 17 j 05:19	25° Ω 37'56	
max. Earth dist.	-6120 Jul 27 j 22:08	18° Π 20'29	11.11664 AU		-6114 Nov 29 j 03:34	0° Π	
morning rise	-6120 Aug 13 j 20:20	20° Π 17'51		retrograde	-6113 Jan 26 j 03:16	2° Π 34'48	
retrograde	-6120 Nov 19 j 23:31	27° Π 04'17			-6113 Mar 28 j 08:12	30° \mathbb{R} Ω	
opposition	-6119 Jan 28 j 04:22	23° Π 48'49	1°57'52	opposition	-6113 Apr 07 j 04:31	29° Ω 17'07	2°51'24
min. Earth dist.	-6119 Jan 28 j 08:45	23° Π 48'00	9.16172 AU	min. Earth dist.	-6113 Apr 07 j 23:05	29° Ω 13'43	9.12966 AU
direct	-6119 Apr 10 j 00:46	20° Π 27'40		direct	-6113 Jun 17 j 05:02	25° Ω 58'37	
evening set	-6119 Jul 22 j 13:37	27° Π 30'43			-6113 Aug 29 j 15:03	0° Π	
				evening set	-6113 Sep 25 j 15:38	2° Π 55'51	
conjunction	-6119 Aug 08 j 08:33	29° Π 26'18	1°47'05				
minimum elong	-6119 Aug 08 j 08:30	29° Π 26'17	1°47'27	conjunction	-6113 Oct 11 j 23:53	4° Π 50'33	2°15'47
max. Earth dist.	-6119 Aug 08 j 00:54	29° Π 24'06	11.19866 AU	minimum elong	-6113 Oct 11 j 23:56	4° Π 50'34	2°15'58
	-6119 Aug 13 j 05:12	0° \mathbb{E}		max. Earth dist.	-6113 Oct 11 j 03:10	4° Π 44'26	11.07906 AU
morning rise	-6119 Aug 24 j 23:05	1° \mathbb{E} 20'42		morning rise	-6113 Oct 28 j 09:02	6° Π 45'35	
retrograde	-6119 Dec 01 j 04:03	8° \mathbb{E} 04'11		retrograde	-6112 Feb 07 j 05:18	13° Π 50'23	
opposition	-6118 Feb 08 j 19:47	4° \mathbb{E} 49'15	2°21'14	opposition	-6112 Apr 18 j 06:17	10° Π 31'18	2°38'19
min. Earth dist.	-6118 Feb 09 j 04:15	4° \mathbb{E} 47'42	9.23046 AU	min. Earth dist.	-6112 Apr 19 j 00:26	10° Π 27'57	9.02554 AU
direct	-6118 Apr 21 j 18:39	1° \mathbb{E} 29'04		direct	-6112 Jun 27 j 20:14	7° Π 12'33	
evening set	-6118 Aug 02 j 19:06	8° \mathbb{E} 27'31		evening set	-6112 Oct 05 j 21:32	14° Π 14'00	
				max. Earth dist.	-6112 Oct 21 j 11:40	16° Π 04'41	10.96390 AU
conjunction	-6118 Aug 19 j 09:54	10° \mathbb{E} 21'30	2°04'12				
minimum elong	-6118 Aug 19 j 09:52	10° \mathbb{E} 21'29	2°04'34	conjunction	-6112 Oct 22 j 07:42	16° Π 10'40	2°02'07
max. Earth dist.	-6118 Aug 18 j 21:48	10° \mathbb{E} 18'01	11.25243 AU	minimum elong	-6112 Oct 22 j 07:45	16° Π 10'41	2°02'15
morning rise	-6118 Sep 04 j 21:14	12° \mathbb{E} 14'32		morning rise	-6112 Nov 07 j 19:31	18° Π 07'56	
retrograde	-6118 Dec 12 j 08:04	18° \mathbb{E} 57'03		retrograde	-6111 Feb 18 j 15:10	25° Π 22'14	
opposition	-6117 Feb 20 j 09:47	15° \mathbb{E} 42'14	2°39'16	opposition	-6111 Apr 30 j 14:25	22° Π 01'33	2°18'38
min. Earth dist.	-6117 Feb 20 j 21:20	15° \mathbb{E} 40'08	9.27013 AU	min. Earth dist.	-6111 May 01 j 07:30	21° Π 58'23	8.89914 AU
direct	-6117 May 03 j 10:41	12° \mathbb{E} 22'48		direct	-6111 Jul 09 j 13:09	18° Π 42'24	
evening set	-6117 Aug 13 j 20:02	19° \mathbb{E} 18'05		evening set	-6111 Oct 17 j 10:09	25° Π 49'34	
conjunction	-6117 Aug 30 j 07:37	21° \mathbb{E} 11'01	2°16'43	conjunction	-6111 Nov 02 j 23:00	27° Π 48'43	1°43'10
minimum elong	-6117 Aug 30 j 07:36	21° \mathbb{E} 11'01	2°17'05	minimum elong	-6111 Nov 02 j 23:04	27° Π 48'44	1°43'13
max. Earth dist.	-6117 Aug 29 j 16:45	21° \mathbb{E} 06'45	11.27667 AU	max. Earth dist.	-6111 Nov 02 j 03:16	27° Π 42'45	10.82873 AU
morning rise	-6117 Sep 15 j 16:30	23° \mathbb{E} 03'15		morning rise	-6111 Nov 19 j 14:36	29° Π 48'48	
retrograde	-6117 Dec 23 j 14:06	29° \mathbb{E} 46'40			-6111 Nov 21 j 04:29	0° \mathbb{A}	
opposition	-6116 Mar 02 j 23:27	26° \mathbb{E} 31'36	2°51'35	retrograde	-6110 Mar 03 j 10:33	7° \mathbb{A} 14'04	
min. Earth dist.	-6116 Mar 03 j 12:55	26° \mathbb{E} 29'09	9.27960 AU	opposition	-6110 May 13 j 05:59	3° \mathbb{A} 51'40	1°52'32
direct	-6116 May 13 j 22:53	23° \mathbb{E} 12'44		min. Earth dist.	-6110 May 13 j 22:04	3° \mathbb{A} 48'38	8.75506 AU
	-6116 Aug 22 j 20:12	0° Ω		direct	-6110 Jul 21 j 13:03	0° \mathbb{A} 31'52	
evening set	-6116 Aug 23 j 18:26	0° Ω 06'15		evening set	-6110 Oct 29 j 07:35	7° \mathbb{A} 46'15	
max. Earth dist.	-6116 Sep 08 j 11:11	1° Ω 53'58	11.27068 AU	max. Earth dist.	-6110 Nov 14 j 05:32	9° \mathbb{A} 42'44	10.67863 AU
conjunction	-6116 Sep 09 j 03:46	1° Ω 58'45	2°24'20	conjunction	-6110 Nov 15 j 00:00	9° \mathbb{A} 48'25	1°19'14
minimum elong	-6116 Sep 09 j 03:45	1° Ω 58'45	2°24'41	minimum elong	-6110 Nov 15 j 00:03	9° \mathbb{A} 48'26	1°19'14
morning rise	-6116 Sep 25 j 10:59	3° Ω 50'45		morning rise	-6110 Dec 01 j 20:15	11° \mathbb{A} 51'47	
retrograde	-6115 Jan 02 j 22:37	10° Ω 36'53		retrograde	-6109 Mar 16 j 16:42	19° \mathbb{A} 29'11	
opposition	-6115 Mar 14 j 14:06	7° Ω 21'14	2°57'52	opposition	-6109 Mar 26 j 05:37	16° \mathbb{A} 05'00	1°20'29
min. Earth dist.	-6115 Mar 15 j 05:27	7° Ω 18'27	9.25869 AU	min. Earth dist.	-6109 May 26 j 20:04	16° \mathbb{A} 02'14	8.59908 AU
direct	-6115 May 25 j 08:45	4° Ω 02'41		direct	-6109 Aug 02 j 20:00	12° \mathbb{A} 44'21	
evening set	-6115 Sep 03 j 16:03	10° Ω 55'59		evening set	-6109 Nov 10 j 15:41	20° \mathbb{A} 07'23	
conjunction	-6115 Sep 19 j 23:54	12° Ω 48'36	2°26'50	conjunction	-6109 Nov 27 j 12:30	22° \mathbb{A} 12'55	0°50'56
minimum elong	-6115 Sep 19 j 23:55	12° Ω 48'36	2°27'08	minimum elong	-6109 Nov 27 j 12:32	22° \mathbb{A} 12'56	0°50'50
max. Earth dist.	-6115 Sep 19 j 05:04	12° Ω 43'09	11.23479 AU	max. Earth dist.	-6109 Nov 26 j 21:06	22° \mathbb{A} 08'07	10.51970 AU
morning rise	-6115 Oct 06 j 06:38	14° Ω 40'59		morning rise	-6109 Dec 14 j 13:48	24° \mathbb{A} 19'56	
	-6115 Oct 09 j 02:00	15° Ω			-6108 Feb 06 j 11:54	0° \mathbb{M}	
retrograde	-6114 Jan 14 j 10:57	21° Ω 31'36		retrograde	-6108 Mar 29 j 09:17	2° \mathbb{M} 10'21	
opposition	-6114 Mar 26 j 07:28	18° Ω 15'05	2°57'52		-6108 May 21 j 22:35	30° \mathbb{R} \mathbb{A}	
min. Earth dist.	-6114 Mar 27 j 01:01	18° Ω 11'53	9.20817 AU	opposition	-6108 Jun 07 j 14:05	28° \mathbb{A} 44'20	0°43'21
	-6114 May 28 j 09:38	15° \mathbb{R} Ω		min. Earth dist.	-6108 Jun 08 j 01:35	28° \mathbb{A} 42'06	8.43800 AU
direct	-6114 Jun 05 j 18:04	14° Ω 56'40		direct	-6108 Aug 14 j 12:19	25° \mathbb{A} 22'43	
	-6114 Jun 14 j 01:50	15° Ω			-6108 Oct 28 j 17:10	0° \mathbb{M}	
evening set	-6114 Sep 14 j 14:26	21° Ω 51'10		evening set	-6108 Nov 22 j 12:15	2° \mathbb{M} 55'36	
conjunction	-6114 Sep 30 j 21:51	23° Ω 44'31	2°24'01	conjunction	-6108 Dec 09 j 13:49	5° \mathbb{M} 04'46	0°19'14
minimum elong	-6114 Sep 30 j 21:52	23° Ω 44'31	2°24'15	minimum elong	-6108 Dec 09 j 13:50	5° \mathbb{M} 04'46	0°19'02

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Attention, astronomical year style is used: The year -6108 in astronomical counting style is the year 6109 BCE in historical counting style.

max. Earth dist.	-6108 Dec 09 j 02:46	5° \mathbb{M} 01'15	10.35914 AU	conjunction	-6101 Mar 08 j 06:06	0° \approx 56'56	-2°21'05
morning rise	-6108 Dec 26 j 20:19	7° \mathbb{M} 15'35		minimum elong	-6101 Mar 08 j 06:05	0° \approx 56'55	2°21'26
	-6107 Mar 24 j 05:09	15° \mathbb{M}		max. Earth dist.	-6101 Mar 08 j 23:10	1° \approx 02'39	9.81909 AU
retrograde	-6107 Apr 12 j 13:36	15° \mathbb{M} 19'19		morning rise	-6101 Mar 26 j 09:08	3° \approx 21'35	
	-6107 May 02 j 02:01	15° \mathbb{R} \mathbb{M}		retrograde	-6101 Jul 11 j 12:51	12° \approx 01'36	
opposition	-6107 Jun 21 j 07:34	11° \mathbb{M} 51'33	0°02'31	opposition	-6101 Sep 16 j 04:30	8° \approx 30'03	-3°00'29
min. Earth dist.	-6107 Jun 21 j 14:50	11° \mathbb{M} 50'07	8.27971 AU	min. Earth dist.	-6101 Sep 15 j 14:24	8° \approx 33'01	7.83325 AU
desc. node	-6107 Jul 13 j 22:35	10° \mathbb{M} 09'16		direct	-6101 Nov 21 j 01:26	5° \approx 00'28	
direct	-6107 Aug 27 j 14:23	8° \mathbb{M} 28'51		evening set	-6100 Mar 05 j 03:02	13° \approx 29'48	
	-6107 Nov 26 j 05:43	15° \mathbb{M}			-6100 Mar 16 j 12:37	15° \approx	
evening set	-6107 Dec 05 j 22:49	16° \mathbb{M} 12'29					
				conjunction	-6100 Mar 23 j 05:15	15° \approx 53'29	-2°23'54
conjunction	-6107 Dec 23 j 05:14	18° \mathbb{M} 25'19	-0°14'34	minimum elong	-6100 Mar 23 j 05:16	15° \approx 53'30	2°24'13
minimum elong	-6107 Dec 23 j 05:13	18° \mathbb{M} 25'19	0°14'51	max. Earth dist.	-6100 Mar 24 j 01:26	16° \approx 00'13	9.85286 AU
behind sun begin	-6107 Dec 23 j 02:23	18° \mathbb{M} 24'24		morning rise	-6100 Apr 10 j 08:31	18° \approx 17'25	
behind sun end	-6107 Dec 23 j 08:02	18° \mathbb{M} 26'13		retrograde	-6100 Jul 25 j 12:00	26° \approx 50'02	
max. Earth dist.	-6107 Dec 22 j 22:44	18° \mathbb{M} 23'14	10.20537 AU	opposition	-6100 Sep 29 j 21:55	23° \approx 19'26	-2°57'42
morning rise	-6106 Jan 09 j 16:54	20° \mathbb{M} 39'56		min. Earth dist.	-6100 Sep 29 j 05:47	23° \approx 22'49	7.88658 AU
retrograde	-6106 Apr 27 j 05:41	28° \mathbb{M} 56'30		direct	-6100 Dec 05 j 04:15	19° \approx 49'25	
opposition	-6106 Jul 05 j 09:52	25° \mathbb{M} 27'09	-0°40'00	evening set	-6099 Mar 20 j 21:14	28° \approx 16'30	
min. Earth dist.	-6106 Jul 05 j 12:42	25° \mathbb{M} 26'35	8.13296 AU		-6099 Apr 03 j 01:57	0° \mathbb{H}	
direct	-6106 Sep 10 j 01:05	22° \mathbb{M} 03'15					
evening set	-6106 Dec 20 j 00:01	29° \mathbb{M} 58'03		conjunction	-6099 Apr 08 j 00:21	0° \mathbb{H} 39'03	-2°17'15
	-6106 Dec 20 j 06:05	0° \mathbb{Z}		minimum elong	-6099 Apr 08 j 00:24	0° \mathbb{H} 39'04	2°17'28
				max. Earth dist.	-6099 Apr 08 j 22:37	0° \mathbb{H} 46'23	9.92549 AU
conjunction	-6105 Jan 06 j 11:04	2° \mathbb{Z} 14'22	-0°48'31	morning rise	-6099 Apr 26 j 02:57	3° \mathbb{H} 01'21	
minimum elong	-6105 Jan 06 j 11:02	2° \mathbb{Z} 14'21	0°48'51	retrograde	-6099 Aug 09 j 01:48	11° \mathbb{H} 22'58	
max. Earth dist.	-6105 Jan 06 j 09:22	2° \mathbb{Z} 13'48	10.06721 AU	opposition	-6099 Oct 14 j 09:14	7° \mathbb{H} 53'41	-2°43'26
morning rise	-6105 Jan 24 j 03:36	4° \mathbb{Z} 32'29		min. Earth dist.	-6099 Oct 13 j 16:09	7° \mathbb{H} 57'15	7.97639 AU
retrograde	-6105 May 12 j 06:49	13° \mathbb{Z} 00'26		direct	-6099 Dec 20 j 04:48	4° \mathbb{H} 23'34	
opposition	-6105 Jul 19 j 20:06	9° \mathbb{Z} 29'48	-1°21'39	evening set	-6098 Apr 05 j 08:21	12° \mathbb{H} 45'01	
min. Earth dist.	-6105 Jul 19 j 18:40	9° \mathbb{Z} 30'06	8.00648 AU				
direct	-6105 Sep 23 j 22:31	6° \mathbb{Z} 04'36		conjunction	-6098 Apr 23 j 11:22	15° \mathbb{H} 05'37	-2°02'01
evening set	-6104 Jan 03 j 15:33	14° \mathbb{Z} 10'20		minimum elong	-6098 Apr 23 j 11:26	15° \mathbb{H} 05'38	2°02'10
				max. Earth dist.	-6098 Apr 24 j 10:05	15° \mathbb{H} 13'01	10.03222 AU
conjunction	-6104 Jan 21 j 06:49	16° \mathbb{Z} 29'39	-1°20'27	morning rise	-6098 May 11 j 12:25	17° \mathbb{H} 25'32	
minimum elong	-6104 Jan 21 j 06:45	16° \mathbb{Z} 29'38	1°20'50	retrograde	-6098 Aug 23 j 04:01	25° \mathbb{H} 33'39	
max. Earth dist.	-6104 Jan 21 j 10:04	16° \mathbb{Z} 30'44	9.95319 AU	opposition	-6098 Oct 28 j 12:32	22° \mathbb{H} 06'02	-2°19'26
morning rise	-6104 Feb 08 j 03:25	18° \mathbb{Z} 50'43		min. Earth dist.	-6098 Oct 27 j 20:01	22° \mathbb{H} 09'26	8.09671 AU
retrograde	-6104 May 26 j 13:19	27° \mathbb{Z} 27'30		direct	-6097 Jan 04 j 00:15	18° \mathbb{H} 36'10	
opposition	-6104 Aug 02 j 12:35	23° \mathbb{Z} 55'57	-1°59'23	evening set	-6097 Apr 20 j 08:57	26° \mathbb{H} 49'17	
min. Earth dist.	-6104 Aug 02 j 07:20	23° \mathbb{Z} 57'02	7.90833 AU				
direct	-6104 Oct 07 j 06:56	20° \mathbb{Z} 29'27		conjunction	-6097 May 08 j 10:45	29° \mathbb{H} 07'16	-1°39'51
evening set	-6103 Jan 17 j 19:43	28° \mathbb{Z} 44'54		minimum elong	-6097 May 08 j 10:49	29° \mathbb{H} 07'17	1°39'54
	-6103 Jan 27 j 07:09	0° \mathbb{Z}		max. Earth dist.	-6097 May 09 j 08:08	29° \mathbb{H} 14'07	10.16578 AU
					-6097 May 15 j 07:32	0° \mathbb{Y}	
conjunction	-6103 Feb 04 j 14:41	1° \mathbb{Z} 06'35	-1°47'58	morning rise	-6097 May 26 j 09:24	1° \mathbb{Y} 24'12	
minimum elong	-6103 Feb 04 j 14:37	1° \mathbb{Z} 06'34	1°48'22	retrograde	-6097 Sep 05 j 17:36	9° \mathbb{Y} 17'42	
max. Earth dist.	-6103 Feb 04 j 23:08	1° \mathbb{Z} 09'24	9.87090 AU	opposition	-6097 Nov 11 j 06:55	5° \mathbb{Y} 51'55	-1°48'04
morning rise	-6103 Feb 22 j 14:25	3° \mathbb{Z} 29'47		min. Earth dist.	-6097 Nov 10 j 15:57	5° \mathbb{Y} 54'58	8.23971 AU
retrograde	-6103 Jun 10 j 22:47	12° \mathbb{Z} 11'54		direct	-6096 Jan 18 j 12:14	2° \mathbb{Y} 22'39	
opposition	-6103 Aug 17 j 09:17	8° \mathbb{Z} 39'50	-2°30'05	evening set	-6096 May 03 j 20:46	10° \mathbb{Y} 25'37	
min. Earth dist.	-6103 Aug 17 j 00:37	8° \mathbb{Z} 41'39	7.84485 AU				
direct	-6103 Oct 22 j 00:08	5° \mathbb{Z} 12'06		conjunction	-6096 May 21 j 20:16	12° \mathbb{Y} 40'31	-1°12'41
evening set	-6102 Feb 02 j 09:35	13° \mathbb{Z} 35'08		minimum elong	-6096 May 21 j 20:19	12° \mathbb{Y} 40'32	1°12'39
				max. Earth dist.	-6096 May 22 j 14:51	12° \mathbb{Y} 46'22	10.31754 AU
conjunction	-6102 Feb 20 j 07:41	15° \mathbb{Z} 58'22	-2°08'47	morning rise	-6096 Jun 08 j 15:45	14° \mathbb{Y} 54'06	
minimum elong	-6102 Feb 20 j 07:38	15° \mathbb{Z} 58'21	2°09'10	retrograde	-6096 Sep 17 j 19:15	22° \mathbb{Y} 33'02	
max. Earth dist.	-6102 Feb 20 j 20:56	16° \mathbb{Z} 02'49	9.82544 AU	opposition	-6096 Nov 23 j 15:44	19° \mathbb{Y} 09'08	-1°11'59
morning rise	-6102 Mar 10 j 09:36	18° \mathbb{Z} 22'48		min. Earth dist.	-6096 Nov 23 j 02:57	19° \mathbb{Y} 11'42	8.39659 AU
retrograde	-6102 Jun 26 j 07:42	27° \mathbb{Z} 06'02		direct	-6095 Jan 31 j 15:01	15° \mathbb{Y} 40'44	
opposition	-6102 Sep 01 j 07:29	23° \mathbb{Z} 33'58	-2°51'04	evening set	-6095 May 17 j 19:14	23° \mathbb{Y} 32'44	
min. Earth dist.	-6102 Aug 31 j 19:52	23° \mathbb{Z} 36'24	7.81937 AU				
direct	-6102 Nov 05 j 23:24	20° \mathbb{Z} 05'09		conjunction	-6095 Jun 04 j 15:30	25° \mathbb{Y} 44'18	-0°42'34
evening set	-6101 Feb 18 j 05:35	28° \mathbb{Z} 33'01		minimum elong	-6095 Jun 04 j 15:32	25° \mathbb{Y} 44'18	0°42'26
	-6101 Mar 01 j 04:04	0° \approx		max. Earth dist.	-6095 Jun 05 j 06:13	25° \mathbb{Y} 48'51	10.47849 AU
				morning rise	-6095 Jun 22 j 07:07	27° \mathbb{Y} 54'21	

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Attention, astronomical year style is used: The year -6095 in astronomical counting style is the year 6096 BCE in historical counting style.

	-6095 Jul 10 j 04:17	0°♄		evening set	-6089 Jul 29 j 06:08	3°♄52'27	
retrograde	-6095 Sep 30 j 08:53	5°♄19'35					
opposition	-6095 Dec 06 j 15:03	1°♄57'34	-0°33'39	conjunction	-6089 Aug 14 j 22:50	5°♄47'06	1°57'07
min. Earth dist.	-6095 Dec 06 j 04:27	1°♄59'39	8.55853 AU	minimum elong	-6089 Aug 14 j 22:48	5°♄47'05	1°57'30
	-6094 Jan 02 j 02:13	30°♄♂		max. Earth dist.	-6089 Aug 14 j 14:40	5°♄44'45	11.22905 AU
direct	-6094 Feb 14 j 08:23	28°♄30'16		morning rise	-6089 Aug 31 j 11:32	7°♄40'41	
	-6094 Mar 29 j 05:34	0°♄		retrograde	-6089 Dec 07 j 19:10	14°♄23'13	
evening set	-6094 May 31 j 04:20	6°♄11'15		opposition	-6088 Feb 15 j 16:16	11°♄08'12	2°31'54
				min. Earth dist.	-6088 Feb 16 j 00:13	11°♄06'44	9.25636 AU
conjunction	-6094 Jun 17 j 20:34	8°♄19'22	-0°11'20	direct	-6088 Apr 27 j 17:45	7°♄48'21	
minimum elong	-6094 Jun 17 j 20:35	8°♄19'22	0°11'07	evening set	-6088 Aug 08 j 08:34	14°♄44'37	
behind sun begin	-6094 Jun 17 j 15:16	8°♄17'46					
behind sun end	-6094 Jun 18 j 01:54	8°♄20'58		conjunction	-6088 Aug 24 j 21:39	16°♄37'56	2°11'42
max. Earth dist.	-6094 Jun 18 j 07:30	8°♄22'41	10.64002 AU	minimum elong	-6088 Aug 24 j 21:37	16°♄37'55	2°12'05
morning rise	-6094 Jul 05 j 07:42	10°♄25'55		max. Earth dist.	-6088 Aug 24 j 10:23	16°♄34'41	11.27324 AU
	-6094 Aug 17 j 07:12	15°♄		morning rise	-6088 Sep 10 j 07:25	18°♄30'22	
retrograde	-6094 Oct 12 j 13:01	17°♄39'02		retrograde	-6088 Dec 18 j 00:11	25°♄12'46	
asc. node	-6094 Nov 01 j 14:40	17°♄17'53		opposition	-6087 Feb 26 j 05:32	21°♄57'54	2°46'45
	-6094 Dec 10 j 08:07	15°♄♂		min. Earth dist.	-6087 Feb 26 j 17:00	21°♄55'49	9.28620 AU
opposition	-6094 Dec 19 j 05:56	14°♄18'45	0°04'50	direct	-6087 May 09 j 05:14	18°♄38'55	
min. Earth dist.	-6094 Dec 18 j 21:45	14°♄20'21	8.71736 AU	evening set	-6087 Aug 19 j 07:43	25°♄32'40	
direct	-6093 Feb 27 j 15:48	10°♄52'43					
	-6093 May 13 j 03:38	15°♄		conjunction	-6087 Sep 04 j 17:49	27°♄25'10	2°21'30
evening set	-6093 Jun 13 j 00:33	18°♄23'11		minimum elong	-6087 Sep 04 j 17:48	27°♄25'10	2°21'52
				max. Earth dist.	-6087 Sep 04 j 02:52	27°♄20'52	11.28759 AU
conjunction	-6093 Jun 30 j 12:15	20°♄27'57	0°19'33	morning rise	-6087 Sep 21 j 01:40	29°♄17'05	
minimum elong	-6093 Jun 30 j 12:14	20°♄27'57	0°19'50		-6087 Sep 27 j 11:42	0°♄	
max. Earth dist.	-6093 Jun 30 j 19:55	20°♄30'14	10.79443 AU	retrograde	-6087 Dec 29 j 05:12	6°♄01'13	
morning rise	-6093 Jul 17 j 18:27	22°♄31'07		opposition	-6086 Mar 09 j 19:17	2°♄46'08	2°55'41
retrograde	-6093 Oct 24 j 11:03	29°♄34'02		min. Earth dist.	-6086 Mar 10 j 09:21	2°♄43'35	9.28568 AU
opposition	-6093 Dec 31 j 13:16	26°♄15'19	0°41'45		-6086 Apr 24 j 03:22	30°♄♂	
min. Earth dist.	-6093 Dec 31 j 08:21	26°♄16'16	8.86603 AU	direct	-6086 May 20 j 15:32	29°♄27'47	
direct	-6092 Mar 11 j 11:26	22°♄50'37			-6086 Jun 15 j 20:09	0°♄	
	-6092 Jun 22 j 17:26	0°♄♂		evening set	-6086 Aug 30 j 05:07	6°♄20'28	
evening set	-6092 Jun 24 j 09:25	0°♄♂11'32					
				conjunction	-6086 Sep 15 j 13:22	8°♄12'46	2°26'16
conjunction	-6092 Jul 11 j 16:09	2°♄♂13'12	0°48'39	minimum elong	-6086 Sep 15 j 13:22	8°♄12'46	2°26'37
minimum elong	-6092 Jul 11 j 16:07	2°♄♂13'11	0°48'59	max. Earth dist.	-6086 Sep 14 j 20:24	8°♄07'52	11.27172 AU
max. Earth dist.	-6092 Jul 11 j 19:50	2°♄♂14'17	10.93528 AU	morning rise	-6086 Oct 01 j 20:13	10°♄04'43	
morning rise	-6092 Jul 28 j 17:28	4°♄♂13'19			-6086 Nov 21 j 14:56	15°♄	
retrograde	-6092 Nov 03 j 23:40	11°♄♂08'00		retrograde	-6085 Jan 09 j 15:54	16°♄52'24	
opposition	-6091 Jan 11 j 14:07	7°♄♂50'39	1°15'46		-6085 Mar 01 j 16:37	15°♄♂♂	
min. Earth dist.	-6091 Jan 11 j 13:17	7°♄♂50'48	8.99862 AU	opposition	-6085 Mar 21 j 10:50	13°♄36'45	2°58'28
direct	-6091 Mar 23 j 22:45	4°♄♂27'15		min. Earth dist.	-6085 Mar 22 j 02:04	13°♄33'59	9.25476 AU
evening set	-6091 Jul 06 j 08:19	11°♄♂39'55		direct	-6085 Jun 01 j 02:06	10°♄18'48	
					-6085 Aug 20 j 22:21	15°♄	
conjunction	-6091 Jul 23 j 09:58	13°♄♂38'47	1°15'06	evening set	-6085 Sep 10 j 02:27	17°♄11'49	
minimum elong	-6091 Jul 23 j 09:55	13°♄♂38'47	1°15'27				
max. Earth dist.	-6091 Jul 23 j 08:36	13°♄♂38'23	11.05731 AU	conjunction	-6085 Sep 26 j 09:59	19°♄04'32	2°25'50
morning rise	-6091 Aug 09 j 06:42	15°♄♂36'16		minimum elong	-6085 Sep 26 j 10:00	19°♄04'32	2°26'06
retrograde	-6091 Nov 15 j 08:13	22°♄♂24'50		max. Earth dist.	-6085 Sep 25 j 16:10	18°♄59'22	11.22589 AU
opposition	-6090 Jan 23 j 10:01	19°♄♂08'35	1°45'56	morning rise	-6085 Oct 12 j 16:49	20°♄57'10	
min. Earth dist.	-6090 Jan 23 j 12:34	19°♄♂08'06	9.11025 AU	retrograde	-6084 Jan 21 j 06:40	27°♄50'06	
direct	-6090 Apr 05 j 03:57	15°♄♂46'28		opposition	-6084 Apr 01 j 05:26	24°♄33'32	2°54'53
evening set	-6090 Jul 17 j 22:38	22°♄♂52'14		min. Earth dist.	-6084 Apr 01 j 21:47	24°♄30'34	9.19407 AU
				direct	-6084 Jun 11 j 11:06	21°♄15'46	
conjunction	-6090 Aug 03 j 19:30	24°♄♂48'44	1°38'06	evening set	-6084 Sep 20 j 01:50	28°♄10'36	
minimum elong	-6090 Aug 03 j 19:27	24°♄♂48'43	1°38'29		-6084 Oct 05 j 18:45	0°♄♂	
max. Earth dist.	-6090 Aug 03 j 14:04	24°♄♂47'10	11.15631 AU				
morning rise	-6090 Aug 20 j 11:59	26°♄♂44'00		conjunction	-6084 Oct 06 j 09:31	0°♄♂04'19	2°20'02
	-6090 Sep 20 j 11:10	0°♄♂		minimum elong	-6084 Oct 06 j 09:33	0°♄♂04'20	2°20'14
retrograde	-6090 Nov 26 j 13:55	3°♄♂28'34		max. Earth dist.	-6084 Oct 05 j 13:52	29°♄58'35	11.15118 AU
opposition	-6089 Feb 04 j 02:17	0°♄♂13'05	2°11'30	morning rise	-6084 Oct 22 j 17:32	1°♄♂58'14	
min. Earth dist.	-6089 Feb 04 j 07:25	0°♄♂12'08	9.19708 AU	retrograde	-6083 Feb 01 j 04:05	8°♄♂58'04	
	-6089 Feb 07 j 01:19	30°♄♂♂		opposition	-6083 Apr 13 j 04:19	5°♄♂40'21	2°44'47
direct	-6089 Apr 17 j 01:07	26°♄♂52'11		min. Earth dist.	-6083 Apr 13 j 22:07	5°♄♂37'05	9.10513 AU
	-6089 Jun 21 j 12:16	0°♄♂		direct	-6083 Jun 22 j 22:58	2°♄♂22'25	

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Attention, astronomical year style is used: The year -6083 in astronomical counting style is the year 6084 BCE in historical counting style.

evening set	-6083 Oct 01 j 04:55	9° \mathbb{M} 20'36		direct	-6077 Sep 04 j 03:01	15° \mathbb{M} 52'07	
				evening set	-6077 Dec 13 j 17:54	23° \mathbb{M} 40'51	
conjunction	-6083 Oct 17 j 13:47	11° \mathbb{M} 15'57	2°08'50				
minimum elong	-6083 Oct 17 j 13:50	11° \mathbb{M} 15'58	2°08'59	conjunction	-6077 Dec 31 j 02:41	25° \mathbb{M} 55'22	-0°32'40
max. Earth dist.	-6083 Oct 16 j 16:45	11° \mathbb{M} 09'44	11.04952 AU	minimum elong	-6077 Dec 31 j 02:39	25° \mathbb{M} 55'21	0°32'58
morning rise	-6083 Nov 03 j 00:10	13° \mathbb{M} 11'47		max. Earth dist.	-6077 Dec 30 j 20:33	25° \mathbb{M} 53'22	10.13586 AU
retrograde	-6082 Feb 13 j 07:27	20° \mathbb{M} 20'13		morning rise	-6076 Jan 17 j 16:58	28° \mathbb{M} 11'43	
opposition	-6082 Apr 25 j 08:52	17° \mathbb{M} 00'59	2°28'07		-6076 Feb 01 j 05:12	0° \mathbb{Z}	
min. Earth dist.	-6082 Apr 26 j 03:22	16° \mathbb{M} 57'34	8.99025 AU	retrograde	-6076 May 04 j 12:02	6° \mathbb{Z} 33'45	
direct	-6082 Jul 04 j 14:19	13° \mathbb{M} 42'42		opposition	-6076 Jul 12 j 09:52	3° \mathbb{Z} 03'30	-1°02'18
evening set	-6082 Oct 12 j 13:26	20° \mathbb{M} 45'48		min. Earth dist.	-6076 Jul 12 j 12:36	3° \mathbb{Z} 02'57	8.06559 AU
max. Earth dist.	-6082 Oct 28 j 04:17	22° \mathbb{M} 37'13	10.92355 AU		-6076 Aug 28 j 06:51	30° \mathbb{R} \mathbb{M}	
				direct	-6076 Sep 16 j 19:56	29° \mathbb{M} 38'36	
conjunction	-6082 Oct 29 j 00:44	22° \mathbb{M} 43'21	1°52'18		-6076 Oct 06 j 04:04	0° \mathbb{Z}	
minimum elong	-6082 Oct 29 j 00:47	22° \mathbb{M} 43'22	1°52'23	evening set	-6076 Dec 27 j 01:38	7° \mathbb{Z} 38'43	
morning rise	-6082 Nov 14 j 14:23	24° \mathbb{M} 41'42					
	-6081 Jan 06 j 08:04	0° \mathbb{Z}		conjunction	-6075 Jan 13 j 15:00	9° \mathbb{Z} 56'35	-1°05'46
retrograde	-6081 Feb 25 j 21:20	2° \mathbb{Z} 00'23		minimum elong	-6075 Jan 13 j 14:56	9° \mathbb{Z} 56'34	1°06'07
	-6081 Apr 19 j 08:01	30° \mathbb{R} \mathbb{M}		max. Earth dist.	-6075 Jan 13 j 14:47	9° \mathbb{Z} 56'31	10.00264 AU
opposition	-6081 May 07 j 20:03	28° \mathbb{M} 39'27	2°05'00	morning rise	-6075 Jan 31 j 09:37	12° \mathbb{Z} 16'15	
min. Earth dist.	-6081 May 08 j 13:34	28° \mathbb{M} 36'10	8.85290 AU	retrograde	-6075 May 19 j 14:54	20° \mathbb{Z} 48'55	
direct	-6081 Jul 16 j 11:56	25° \mathbb{M} 20'33		opposition	-6075 Jul 26 j 23:00	17° \mathbb{Z} 17'21	-1°42'12
	-6081 Oct 02 j 05:28	0° \mathbb{Z}		min. Earth dist.	-6075 Jul 26 j 20:51	17° \mathbb{Z} 17'48	7.94634 AU
evening set	-6081 Oct 24 j 05:50	2° \mathbb{Z} 30'09		direct	-6075 Sep 30 j 23:00	13° \mathbb{Z} 51'01	
				evening set	-6074 Jan 10 j 23:22	22° \mathbb{Z} 01'53	
conjunction	-6081 Nov 09 j 20:30	4° \mathbb{Z} 30'31	1°30'40				
minimum elong	-6081 Nov 09 j 20:33	4° \mathbb{Z} 30'32	1°30'41	conjunction	-6074 Jan 28 j 16:48	24° \mathbb{Z} 22'36	-1°35'37
max. Earth dist.	-6081 Nov 09 j 01:23	4° \mathbb{Z} 24'42	10.77762 AU	minimum elong	-6074 Jan 28 j 16:44	24° \mathbb{Z} 22'34	1°36'00
morning rise	-6081 Nov 26 j 14:13	6° \mathbb{Z} 31'56		max. Earth dist.	-6074 Jan 28 j 22:26	24° \mathbb{Z} 24'28	9.89775 AU
retrograde	-6080 Mar 09 j 22:50	14° \mathbb{Z} 02'13		morning rise	-6074 Feb 15 j 15:02	26° \mathbb{Z} 44'55	
opposition	-6080 May 19 j 14:46	10° \mathbb{Z} 39'26	1°35'43		-6074 Mar 13 j 19:00	0° \mathbb{Z}	
min. Earth dist.	-6080 May 20 j 06:22	10° \mathbb{Z} 36'28	8.69863 AU	retrograde	-6074 Jun 03 j 23:25	5° \mathbb{Z} 25'11	
direct	-6080 Jul 27 j 14:11	7° \mathbb{Z} 19'42		opposition	-6074 Aug 10 j 17:36	1° \mathbb{Z} 52'46	-2°16'37
evening set	-6080 Nov 04 j 08:01	14° \mathbb{Z} 37'20		min. Earth dist.	-6074 Aug 10 j 10:50	1° \mathbb{Z} 54'10	7.85934 AU
max. Earth dist.	-6080 Nov 20 j 09:00	16° \mathbb{Z} 35'28	10.61810 AU		-6074 Sep 03 j 15:01	30° \mathbb{R} \mathbb{Z}	
				direct	-6074 Oct 15 j 10:40	28° \mathbb{Z} 25'04	
conjunction	-6080 Nov 21 j 02:37	16° \mathbb{Z} 40'55	1°04'23		-6074 Nov 25 j 10:11	0° \mathbb{Z}	
minimum elong	-6080 Nov 21 j 02:40	16° \mathbb{Z} 40'55	1°04'19	evening set	-6073 Jan 26 j 08:53	6° \mathbb{Z} 45'06	
morning rise	-6080 Dec 08 j 01:12	18° \mathbb{Z} 45'50					
retrograde	-6079 Mar 23 j 09:38	26° \mathbb{Z} 28'50		conjunction	-6073 Feb 13 j 05:43	9° \mathbb{Z} 07'54	-1°59'52
opposition	-6079 Jun 01 j 18:17	23° \mathbb{Z} 04'04	1°00'58	minimum elong	-6073 Feb 13 j 05:40	9° \mathbb{Z} 07'52	2°00'16
min. Earth dist.	-6079 Jun 02 j 07:33	23° \mathbb{Z} 01'31	8.53450 AU	max. Earth dist.	-6073 Feb 13 j 16:38	9° \mathbb{Z} 11'33	9.82841 AU
direct	-6079 Aug 09 j 00:30	19° \mathbb{Z} 43'17		morning rise	-6073 Mar 03 j 06:38	11° \mathbb{Z} 32'01	
evening set	-6079 Nov 16 j 21:41	27° \mathbb{Z} 10'16		retrograde	-6073 Jun 19 j 10:03	20° \mathbb{Z} 15'55	
				opposition	-6073 Aug 25 j 15:28	16° \mathbb{Z} 43'11	-2°42'32
conjunction	-6079 Dec 03 j 20:43	29° \mathbb{Z} 17'24	0°34'14	min. Earth dist.	-6073 Aug 25 j 04:59	16° \mathbb{Z} 45'23	7.81061 AU
minimum elong	-6079 Dec 03 j 20:45	29° \mathbb{Z} 17'24	0°34'05	direct	-6073 Oct 30 j 05:43	13° \mathbb{Z} 14'17	
max. Earth dist.	-6079 Dec 03 j 05:22	29° \mathbb{Z} 12'34	10.45244 AU	evening set	-6072 Feb 11 j 02:34	21° \mathbb{Z} 40'54	
	-6079 Dec 09 j 12:15	0° \mathbb{M}					
morning rise	-6079 Dec 21 j 00:40	1° \mathbb{M} 26'07		conjunction	-6072 Feb 29 j 02:04	24° \mathbb{Z} 04'52	-2°16'24
retrograde	-6078 Apr 06 j 07:43	9° \mathbb{M} 22'27		minimum elong	-6072 Feb 29 j 02:02	24° \mathbb{Z} 04'51	2°16'46
opposition	-6078 Jun 15 j 06:49	5° \mathbb{M} 55'42	0°21'50	max. Earth dist.	-6072 Feb 29 j 17:39	24° \mathbb{Z} 10'05	9.79971 AU
min. Earth dist.	-6078 Jun 15 j 17:30	5° \mathbb{M} 53'37	8.36851 AU	morning rise	-6072 Mar 18 j 04:39	26° \mathbb{Z} 29'46	
direct	-6078 Aug 21 j 21:01	2° \mathbb{M} 33'39			-6072 Apr 15 j 07:02	0° \mathbb{Z}	
evening set	-6078 Nov 30 j 00:38	10° \mathbb{M} 11'07		retrograde	-6072 Jul 03 j 18:54	5° \mathbb{Z} 12'47	
				opposition	-6072 Sep 08 j 13:46	1° \mathbb{Z} 40'16	-2°57'38
conjunction	-6078 Dec 17 j 04:32	12° \mathbb{M} 21'58	0°01'23	min. Earth dist.	-6072 Sep 08 j 00:26	1° \mathbb{Z} 43'05	7.80371 AU
minimum elong	-6078 Dec 17 j 04:31	12° \mathbb{M} 21'58	0°01'09		-6072 Sep 29 j 06:15	30° \mathbb{R} \mathbb{Z}	
behind sun begin	-6078 Dec 16 j 21:22	12° \mathbb{M} 19'42		direct	-6072 Nov 13 j 06:18	28° \mathbb{Z} 10'26	
behind sun end	-6078 Dec 17 j 11:40	12° \mathbb{M} 24'14			-6072 Dec 27 j 15:29	0° \mathbb{Z}	
max. Earth dist.	-6078 Dec 16 j 17:11	12° \mathbb{M} 18'21	10.28879 AU	evening set	-6071 Feb 26 j 00:07	6° \mathbb{Z} 40'16	
desc. node	-6077 Jan 01 j 08:33	14° \mathbb{M} 17'51					
morning rise	-6077 Jan 03 j 13:49	14° \mathbb{M} 34'35		conjunction	-6071 Mar 16 j 01:37	9° \mathbb{Z} 04'26	-2°23'48
	-6077 Jan 06 j 23:19	15° \mathbb{M}		minimum elong	-6071 Mar 16 j 01:37	9° \mathbb{Z} 04'25	2°24'08
retrograde	-6077 Apr 20 j 16:55	22° \mathbb{M} 44'11		max. Earth dist.	-6071 Mar 16 j 20:51	9° \mathbb{Z} 10'51	9.81395 AU
opposition	-6077 Jun 29 j 04:04	19° \mathbb{M} 15'34	-0°20'01	morning rise	-6071 Apr 03 j 04:59	11° \mathbb{Z} 29'05	
min. Earth dist.	-6077 Jun 29 j 11:16	19° \mathbb{M} 14'08	8.20925 AU		-6071 May 01 j 12:27	15° \mathbb{Z}	

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Attention, astronomical year style is used: The year -6071 in astronomical counting style is the year 6072 BCE in historical counting style.

retrograde	-6071 Jul 18 j 22:27	20° \approx 06'35		max. Earth dist.	-6065 Jun 12 j 19:15	2° B 50'37	10.56397 AU
opposition	-6071 Sep 23 j 09:35	16° \approx 34'51	-3°00'38	morning rise	-6065 Jun 29 j 17:35	4° B 54'18	
min. Earth dist.	-6071 Sep 22 j 18:18	16° \approx 38'04	7.83921 AU	retrograde	-6065 Oct 07 j 09:48	12° B 13'20	
	-6071 Oct 12 j 20:53	15° R \approx		opposition	-6065 Dec 13 j 20:20	8° B 52'33	-0°12'55
direct	-6071 Nov 28 j 10:15	13° \approx 04'23		min. Earth dist.	-6065 Dec 13 j 10:44	8° B 54'25	8.64493 AU
	-6070 Jan 13 j 08:49	15° \approx		direct	-6064 Feb 21 j 20:39	5° B 26'16	
evening set	-6070 Mar 13 j 20:47	21° \approx 33'43		asc. node	-6064 Apr 18 j 21:54	7° B 58'44	
				evening set	-6064 Jun 06 j 12:53	13° B 01'55	
conjunction	-6070 Mar 31 j 23:32	23° \approx 57'07	-2°21'34		-6064 Jun 22 j 23:16	15° B	
minimum elong	-6070 Mar 31 j 23:34	23° \approx 57'08	2°21'50	conjunction	-6064 Jun 24 j 02:45	15° B 08'17	0°05'27
max. Earth dist.	-6070 Apr 01 j 21:00	24° \approx 04'15	9.87008 AU	minimum elong	-6064 Jun 24 j 02:44	15° B 08'17	0°05'43
morning rise	-6070 Apr 19 j 02:46	26° \approx 20'34		behind sun begin	-6064 Jun 23 j 19:52	15° B 06'14	
	-6070 May 18 j 22:57	0° H		behind sun end	-6064 Jun 24 j 09:36	15° B 10'19	
retrograde	-6070 Aug 02 j 16:39	4° H 48'28		max. Earth dist.	-6064 Jun 24 j 12:37	15° B 11'14	10.72647 AU
min. Earth dist.	-6070 Oct 07 j 07:57	1° H 21'26	7.91439 AU	morning rise	-6064 Jul 11 j 11:22	17° B 13'03	
opposition	-6070 Oct 08 j 00:22	1° H 18'00	-2°51'38	retrograde	-6064 Oct 18 j 10:19	24° B 20'47	
	-6070 Oct 23 j 21:29	30° R \approx		opposition	-6064 Dec 25 j 07:35	21° B 01'46	0°24'58
direct	-6070 Dec 13 j 13:34	27° \approx 47'21		min. Earth dist.	-6064 Dec 25 j 01:06	21° B 03'01	8.80287 AU
	-6069 Feb 01 j 09:59	0° H		direct	-6063 Mar 05 j 22:52	17° B 36'52	
evening set	-6069 Mar 29 j 12:00	6° H 12'30		evening set	-6063 Jun 19 j 03:41	25° B 02'21	
conjunction	-6069 Apr 16 j 15:06	8° H 34'18	-2°10'13	conjunction	-6063 Jul 06 j 12:40	27° B 05'26	0°35'30
minimum elong	-6069 Apr 16 j 15:09	8° H 34'19	2°10'24	minimum elong	-6063 Jul 06 j 12:39	27° B 05'26	0°35'49
max. Earth dist.	-6069 Apr 17 j 13:26	8° H 41'37	9.96387 AU	max. Earth dist.	-6063 Jul 06 j 17:49	27° B 06'58	10.87763 AU
morning rise	-6069 May 04 j 17:14	10° H 55'39		morning rise	-6063 Jul 23 j 16:26	29° B 06'58	
retrograde	-6069 Aug 16 j 23:25	19° H 11'00			-6063 Jul 31 j 09:06	0° II	
opposition	-6069 Oct 22 j 07:55	15° H 42'10	-2°31'54	retrograde	-6063 Oct 30 j 02:41	6° II 05'23	
min. Earth dist.	-6069 Oct 21 j 14:52	15° H 45'43	8.02391 AU	opposition	-6062 Jan 06 j 11:40	2° II 47'51	1°00'31
direct	-6069 Dec 28 j 12:36	12° H 11'47		min. Earth dist.	-6062 Jan 06 j 08:15	2° II 48'30	8.94617 AU
evening set	-6068 Apr 12 j 18:03	20° H 29'42			-6062 Feb 19 j 03:46	30° R B	
conjunction	-6068 Apr 30 j 20:33	22° H 49'08	-1°51'03	direct	-6062 Mar 18 j 15:59	29° B 24'19	
minimum elong	-6068 Apr 30 j 20:37	22° H 49'10	1°51'09		-6062 Apr 14 j 23:54	0° II	
max. Earth dist.	-6068 May 01 j 18:43	22° H 56'18	10.08877 AU	evening set	-6062 Jul 01 j 07:35	6° II 40'49	
morning rise	-6068 May 18 j 20:41	25° H 07'44		conjunction	-6062 Jul 18 j 11:39	8° II 40'55	1°03'18
	-6068 Jun 30 j 13:33	0° Y		minimum elong	-6062 Jul 18 j 11:37	8° II 40'54	1°03'39
retrograde	-6068 Aug 29 j 18:45	3° Y 08'49		max. Earth dist.	-6062 Jul 18 j 12:49	8° II 41'16	11.01068 AU
	-6068 Oct 31 j 14:27	30° R H		morning rise	-6062 Aug 04 j 10:29	10° II 39'33	
opposition	-6068 Nov 04 j 06:50	29° H 41'53	-2°03'37	retrograde	-6062 Nov 10 j 15:09	17° II 30'49	
min. Earth dist.	-6068 Nov 03 j 13:54	29° H 45'22	8.16044 AU	opposition	-6061 Jan 18 j 10:15	14° II 14'31	1°32'35
direct	-6067 Jan 11 j 04:20	26° H 12'09		min. Earth dist.	-6061 Jan 18 j 10:31	14° II 14'28	9.06863 AU
	-6067 Mar 20 j 14:16	0° Y		direct	-6061 Mar 31 j 00:08	10° II 52'17	
evening set	-6067 Apr 27 j 12:24	4° Y 20'35		evening set	-6061 Jul 13 j 02:05	18° II 01'09	
conjunction	-6067 May 15 j 13:18	6° Y 37'08	-1°25'56	conjunction	-6061 Jul 30 j 01:17	19° II 58'42	1°28'00
minimum elong	-6067 May 15 j 13:22	6° Y 37'10	1°25'56	minimum elong	-6061 Jul 30 j 01:14	19° II 58'41	1°28'21
max. Earth dist.	-6067 May 16 j 10:17	6° Y 43'49	10.23649 AU	max. Earth dist.	-6061 Jul 29 j 22:19	19° II 57'50	11.12028 AU
morning rise	-6067 Jun 02 j 10:33	8° Y 52'29		morning rise	-6061 Aug 15 j 19:33	21° II 54'54	
retrograde	-6067 Sep 12 j 03:46	16° Y 38'48		retrograde	-6061 Nov 21 j 22:43	28° II 41'12	
opposition	-6067 Nov 17 j 20:30	13° Y 13'56	-1°29'20	opposition	-6060 Jan 30 j 04:31	25° II 25'48	2°00'21
min. Earth dist.	-6067 Nov 17 j 04:56	13° Y 17'05	8.31536 AU	min. Earth dist.	-6060 Jan 30 j 09:10	25° II 24'56	9.16591 AU
direct	-6066 Jan 25 j 10:35	9° Y 45'09		direct	-6060 Apr 10 j 23:35	22° II 04'44	
evening set	-6066 May 11 j 17:56	17° Y 42'52		evening set	-6060 Jul 23 j 13:12	29° II 07'31	
conjunction	-6066 May 29 j 16:03	19° Y 56'10	-0°56'54		-6060 Jul 31 j 05:18	0° B	
minimum elong	-6066 May 29 j 16:06	19° Y 56'11	0°56'48	conjunction	-6060 Aug 09 j 07:44	1° B 02'58	1°48'55
max. Earth dist.	-6066 May 30 j 10:37	20° Y 01'57	10.39786 AU	minimum elong	-6060 Aug 09 j 07:41	1° B 02'58	1°49'17
morning rise	-6066 Jun 16 j 09:33	22° Y 07'59		max. Earth dist.	-6060 Aug 08 j 23:46	1° B 00'40	11.20321 AU
retrograde	-6066 Sep 25 j 00:36	29° Y 40'02		morning rise	-6060 Aug 25 j 22:08	2° B 57'17	
min. Earth dist.	-6066 Nov 30 j 11:54	26° Y 19'50	8.47971 AU	retrograde	-6060 Dec 02 j 02:56	9° B 40'39	
opposition	-6066 Dec 01 j 00:49	26° Y 17'15	-0°51'40	opposition	-6059 Feb 09 j 19:43	6° B 25'46	2°23'11
direct	-6065 Feb 08 j 08:19	22° Y 49'40		min. Earth dist.	-6059 Feb 10 j 04:04	6° B 24'14	9.23540 AU
	-6065 May 20 j 08:23	0° B		direct	-6059 Apr 22 j 19:39	3° B 05'40	
evening set	-6065 May 25 j 10:01	0° B 36'14		evening set	-6059 Aug 03 j 18:20	10° B 03'52	
conjunction	-6065 Jun 12 j 04:22	2° B 46'03	-0°25'53	conjunction	-6059 Aug 20 j 08:54	11° B 57'45	2°05'34
minimum elong	-6065 Jun 12 j 04:23	2° B 46'04	0°25'42				

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Attention, astronomical year style is used: The year -6059 in astronomical counting style is the year 6060 BCE in historical counting style.

minimum elong	-6059 Aug 20 j 08:52	11° $\mathring{\text{C}}$ 57'44	2°05'57	conjunction	-6053 Oct 24 j 05:22	17° $\mathring{\text{M}}$ 44'22	2°00'32
max. Earth dist.	-6059 Aug 19 j 21:04	11° $\mathring{\text{C}}$ 54'21	11.25755 AU	minimum elong	-6053 Oct 24 j 05:25	17° $\mathring{\text{M}}$ 44'23	2°00'39
morning rise	-6059 Sep 05 j 20:04	13° $\mathring{\text{C}}$ 50'41		morning rise	-6053 Nov 09 j 17:23	19° $\mathring{\text{M}}$ 41'38	
retrograde	-6059 Dec 13 j 07:42	20° $\mathring{\text{C}}$ 33'05		retrograde	-6052 Feb 20 j 13:26	26° $\mathring{\text{M}}$ 55'46	
opposition	-6058 Feb 21 j 09:29	17° $\mathring{\text{C}}$ 18'20	2°40'39	opposition	-6052 May 01 j 13:07	23° $\mathring{\text{M}}$ 35'04	2°16'26
min. Earth dist.	-6058 Feb 21 j 20:10	17° $\mathring{\text{C}}$ 16'23	9.27539 AU	min. Earth dist.	-6052 May 02 j 06:32	23° $\mathring{\text{M}}$ 31'49	8.90268 AU
direct	-6058 May 04 j 10:45	13° $\mathring{\text{C}}$ 59'03		direct	-6052 Jul 10 j 11:40	20° $\mathring{\text{M}}$ 15'56	
evening set	-6058 Aug 14 j 18:59	20° $\mathring{\text{C}}$ 54'01		evening set	-6052 Oct 18 j 07:36	27° $\mathring{\text{M}}$ 22'44	
conjunction	-6058 Aug 31 j 06:27	22° $\mathring{\text{C}}$ 46'52	2°17'36	conjunction	-6052 Nov 03 j 20:32	29° $\mathring{\text{M}}$ 21'52	1°41'12
minimum elong	-6058 Aug 31 j 06:26	22° $\mathring{\text{C}}$ 46'52	2°17'59	minimum elong	-6052 Nov 03 j 20:35	29° $\mathring{\text{M}}$ 21'53	1°41'15
max. Earth dist.	-6058 Aug 30 j 16:37	22° $\mathring{\text{C}}$ 42'53	11.28198 AU	max. Earth dist.	-6052 Nov 03 j 00:18	29° $\mathring{\text{M}}$ 15'45	10.83200 AU
morning rise	-6058 Sep 16 j 15:03	24° $\mathring{\text{C}}$ 39'00			-6052 Nov 09 j 02:43	0° $\mathring{\text{C}}$	
	-6058 Nov 13 j 00:22	0° $\mathring{\text{O}}$		morning rise	-6052 Nov 20 j 12:25	1° $\mathring{\text{C}}$ 21'57	
retrograde	-6058 Dec 24 j 13:46	1° $\mathring{\text{O}}$ 22'20		retrograde	-6051 Mar 04 j 08:31	8° $\mathring{\text{C}}$ 47'01	
	-6057 Feb 05 j 09:16	30° $\mathring{\text{R}}$ $\mathring{\text{C}}$		opposition	-6051 May 14 j 04:17	5° $\mathring{\text{C}}$ 24'36	1°49'55
opposition	-6057 Mar 04 j 23:08	28° $\mathring{\text{C}}$ 07'21	2°52'21	min. Earth dist.	-6051 May 14 j 20:57	5° $\mathring{\text{C}}$ 21'27	8.75787 AU
min. Earth dist.	-6057 Mar 05 j 12:08	28° $\mathring{\text{C}}$ 04'59	9.28495 AU	direct	-6051 Jul 22 j 11:00	2° $\mathring{\text{C}}$ 04'47	
direct	-6057 May 15 j 22:06	24° $\mathring{\text{C}}$ 48'37		evening set	-6051 Oct 30 j 04:47	9° $\mathring{\text{C}}$ 18'51	
	-6057 Aug 10 j 04:57	0° $\mathring{\text{O}}$					
evening set	-6057 Aug 25 j 17:10	1° $\mathring{\text{O}}$ 41'50		conjunction	-6051 Nov 15 j 21:26	11° $\mathring{\text{C}}$ 20'59	1°16'59
max. Earth dist.	-6057 Sep 10 j 09:51	3° $\mathring{\text{O}}$ 29'29	11.27603 AU	minimum elong	-6051 Nov 15 j 21:29	11° $\mathring{\text{C}}$ 21'00	1°16'57
				max. Earth dist.	-6051 Nov 15 j 03:23	11° $\mathring{\text{C}}$ 15'26	10.68107 AU
conjunction	-6057 Sep 11 j 02:19	3° $\mathring{\text{O}}$ 34'14	2°24'43	morning rise	-6051 Dec 02 j 17:51	13° $\mathring{\text{C}}$ 24'21	
minimum elong	-6057 Sep 11 j 02:18	3° $\mathring{\text{O}}$ 34'14	2°25'04	retrograde	-6050 Mar 17 j 13:09	21° $\mathring{\text{C}}$ 01'37	
morning rise	-6057 Sep 27 j 09:27	5° $\mathring{\text{O}}$ 26'10		opposition	-6050 May 27 j 03:40	17° $\mathring{\text{C}}$ 37'21	1°17'33
retrograde	-6056 Jan 04 j 21:50	12° $\mathring{\text{O}}$ 12'10		min. Earth dist.	-6050 May 27 j 18:01	17° $\mathring{\text{C}}$ 34'36	8.60103 AU
opposition	-6056 Mar 15 j 13:44	8° $\mathring{\text{O}}$ 56'37	2°58'00	direct	-6050 Aug 03 j 18:35	14° $\mathring{\text{C}}$ 16'41	
min. Earth dist.	-6056 Mar 16 j 05:28	8° $\mathring{\text{O}}$ 53'46	9.26404 AU	evening set	-6050 Nov 11 j 12:43	21° $\mathring{\text{C}}$ 39'26	
direct	-6056 May 26 j 07:15	5° $\mathring{\text{O}}$ 38'13					
evening set	-6056 Sep 04 j 14:28	12° $\mathring{\text{O}}$ 31'09		conjunction	-6050 Nov 28 j 09:48	23° $\mathring{\text{C}}$ 44'59	0°48'29
				minimum elong	-6050 Nov 28 j 09:50	23° $\mathring{\text{C}}$ 44'59	0°48'22
conjunction	-6056 Sep 20 j 22:12	14° $\mathring{\text{O}}$ 23'42	2°26'41	max. Earth dist.	-6050 Nov 27 j 19:05	23° $\mathring{\text{C}}$ 40'23	10.52115 AU
minimum elong	-6056 Sep 20 j 22:12	14° $\mathring{\text{O}}$ 23'42	2°26'59	morning rise	-6050 Dec 15 j 11:12	25° $\mathring{\text{C}}$ 51'59	
max. Earth dist.	-6056 Sep 20 j 02:54	14° $\mathring{\text{O}}$ 18'07	11.24010 AU		-6049 Jan 21 j 06:01	0° $\mathring{\text{M}}$	
	-6056 Sep 26 j 03:41	15° $\mathring{\text{O}}$		retrograde	-6049 Mar 31 j 06:59	3° $\mathring{\text{M}}$ 42'19	
morning rise	-6056 Oct 07 j 05:03	16° $\mathring{\text{O}}$ 16'03		opposition	-6049 Jun 09 j 11:50	0° $\mathring{\text{M}}$ 16'11	0°40'13
retrograde	-6055 Jan 15 j 08:20	23° $\mathring{\text{O}}$ 06'32		min. Earth dist.	-6049 Jun 09 j 22:44	0° $\mathring{\text{M}}$ 14'04	8.43893 AU
opposition	-6055 Mar 27 j 06:48	19° $\mathring{\text{O}}$ 50'05	2°57'22		-6049 Jun 12 j 23:15	30° $\mathring{\text{R}}$ $\mathring{\text{C}}$	
min. Earth dist.	-6055 Mar 28 j 00:29	19° $\mathring{\text{O}}$ 46'51	9.21334 AU	direct	-6049 Aug 16 j 10:37	26° $\mathring{\text{C}}$ 54'33	
direct	-6055 Jun 06 j 17:06	16° $\mathring{\text{O}}$ 31'46			-6049 Oct 15 j 17:47	0° $\mathring{\text{M}}$	
evening set	-6055 Sep 15 j 12:32	23° $\mathring{\text{O}}$ 25'56		evening set	-6049 Nov 24 j 09:25	4° $\mathring{\text{M}}$ 27'13	
conjunction	-6055 Oct 01 j 20:01	25° $\mathring{\text{O}}$ 19'13	2°23'21	conjunction	-6049 Dec 11 j 11:09	6° $\mathring{\text{M}}$ 36'24	0°16'41
minimum elong	-6055 Oct 01 j 20:02	25° $\mathring{\text{O}}$ 19'14	2°23'35	minimum elong	-6049 Dec 11 j 11:10	6° $\mathring{\text{M}}$ 36'24	0°16'29
max. Earth dist.	-6055 Sep 30 j 23:55	25° $\mathring{\text{O}}$ 13'22	11.17527 AU	max. Earth dist.	-6049 Dec 10 j 23:49	6° $\mathring{\text{M}}$ 32'48	10.35953 AU
morning rise	-6055 Oct 18 j 03:30	27° $\mathring{\text{O}}$ 12'35		morning rise	-6049 Dec 28 j 17:48	8° $\mathring{\text{M}}$ 47'14	
	-6055 Nov 12 j 23:23	0° $\mathring{\text{M}}$			-6048 Feb 26 j 04:06	15° $\mathring{\text{M}}$	
retrograde	-6054 Jan 27 j 03:17	4° $\mathring{\text{M}}$ 09'20		retrograde	-6048 Apr 13 j 12:28	16° $\mathring{\text{M}}$ 50'54	
opposition	-6054 Apr 08 j 03:34	0° $\mathring{\text{M}}$ 51'40	2°50'17		-6048 May 31 j 21:08	15° $\mathring{\text{R}}$ $\mathring{\text{M}}$	
min. Earth dist.	-6054 Apr 08 j 21:25	0° $\mathring{\text{M}}$ 48'24	9.13439 AU	desc. node	-6048 Jun 16 j 09:53	13° $\mathring{\text{M}}$ 50'26	
	-6054 Apr 20 j 01:10	30° $\mathring{\text{R}}$ $\mathring{\text{O}}$		opposition	-6048 Jun 22 j 05:00	13° $\mathring{\text{M}}$ 23'02	-0°00'39
direct	-6054 Jun 18 j 05:30	27° $\mathring{\text{O}}$ 33'17		min. Earth dist.	-6048 Jun 22 j 12:06	13° $\mathring{\text{M}}$ 21'38	8.27952 AU
	-6054 Aug 13 j 07:24	0° $\mathring{\text{M}}$		direct	-6048 Aug 28 j 10:34	10° $\mathring{\text{M}}$ 00'16	
evening set	-6054 Sep 26 j 13:27	4° $\mathring{\text{M}}$ 30'07			-6048 Nov 14 j 05:32	15° $\mathring{\text{M}}$	
				evening set	-6048 Dec 06 j 20:04	17° $\mathring{\text{M}}$ 43'50	
conjunction	-6054 Oct 12 j 21:51	6° $\mathring{\text{M}}$ 24'47	2°14'38				
minimum elong	-6054 Oct 12 j 21:53	6° $\mathring{\text{M}}$ 24'48	2°14'49	conjunction	-6048 Dec 24 j 02:31	19° $\mathring{\text{M}}$ 56'41	-0°17'06
max. Earth dist.	-6054 Oct 12 j 01:51	6° $\mathring{\text{M}}$ 18'54	11.08354 AU	minimum elong	-6048 Dec 24 j 02:30	19° $\mathring{\text{M}}$ 56'40	0°17'22
morning rise	-6054 Oct 29 j 06:59	8° $\mathring{\text{M}}$ 19'48		max. Earth dist.	-6048 Dec 23 j 19:01	19° $\mathring{\text{M}}$ 54'16	10.20464 AU
retrograde	-6053 Feb 08 j 03:51	15° $\mathring{\text{M}}$ 24'26		morning rise	-6047 Jan 10 j 14:25	22° $\mathring{\text{M}}$ 11'20	
opposition	-6053 Apr 20 j 05:13	12° $\mathring{\text{M}}$ 05'21	2°36'38		-6047 Apr 05 j 00:04	0° $\mathring{\text{X}}$	
min. Earth dist.	-6053 Apr 20 j 22:47	12° $\mathring{\text{M}}$ 02'07	9.02971 AU	retrograde	-6047 Apr 28 j 04:19	0° $\mathring{\text{X}}$ 27'53	
direct	-6053 Jun 29 j 17:38	8° $\mathring{\text{M}}$ 46'42			-6047 May 21 j 08:26	30° $\mathring{\text{R}}$ $\mathring{\text{M}}$	
evening set	-6053 Oct 07 j 19:08	15° $\mathring{\text{M}}$ 47'44		opposition	-6047 Jul 06 j 07:14	26° $\mathring{\text{M}}$ 58'28	-0°43'04
max. Earth dist.	-6053 Oct 23 j 08:56	17° $\mathring{\text{M}}$ 38'17	10.96782 AU	min. Earth dist.	-6047 Jul 06 j 10:33	26° $\mathring{\text{M}}$ 57'48	8.13164 AU
				direct	-6047 Sep 10 j 21:32	23° $\mathring{\text{M}}$ 34'28	

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Attention, astronomical year style is used: The year -6047 in astronomical counting style is the year 6048 BCE in historical counting style.

	-6047 Dec 09 j 00:58	0°♊	conjunction	-6040 Apr 08 j 23:11	2°♋12'31	-2°16'18
evening set	-6047 Dec 20 j 21:19	1°♊29'22	minimum elong	-6040 Apr 08 j 23:14	2°♋12'32	2°16'31
			max. Earth dist.	-6040 Apr 09 j 21:26	2°♋19'51	9.92549 AU
conjunction	-6046 Jan 07 j 08:24	3°♊45'42 -0°50'52	morning rise	-6040 Apr 27 j 01:45	4°♋34'50	
minimum elong	-6046 Jan 07 j 08:21	3°♊45'41 0°51'12	retrograde	-6040 Aug 10 j 00:10	12°♋56'20	
max. Earth dist.	-6046 Jan 07 j 05:42	3°♊44'49 10.06541 AU	opposition	-6040 Oct 15 j 07:04	9°♋27'09	-2°41'53
morning rise	-6046 Jan 25 j 01:08	6°♊03'52	min. Earth dist.	-6040 Oct 14 j 14:35	9°♋30'35	7.97637 AU
retrograde	-6046 May 13 j 04:01	14°♊31'54	direct	-6040 Dec 21 j 02:42	5°♋57'02	
opposition	-6046 Jul 20 j 17:28	11°♊01'13 -1°24'25	evening set	-6039 Apr 06 j 07:10	14°♋18'39	
min. Earth dist.	-6046 Jul 20 j 16:52	11°♊01'20 8.00421 AU				
direct	-6046 Sep 24 j 20:35	7°♊35'55	conjunction	-6039 Apr 24 j 10:07	16°♋39'16	-2°00'29
evening set	-6045 Jan 04 j 13:06	15°♊41'52	minimum elong	-6039 Apr 24 j 10:11	16°♋39'17	2°00'37
			max. Earth dist.	-6039 Apr 25 j 08:15	16°♋46'28	10.03220 AU
conjunction	-6045 Jan 22 j 04:29	18°♊01'15 -1°22'30	morning rise	-6039 May 12 j 11:13	18°♋59'12	
minimum elong	-6045 Jan 22 j 04:26	18°♊01'14 1°22'53	retrograde	-6039 Aug 24 j 02:06	27°♋07'15	
max. Earth dist.	-6045 Jan 22 j 07:14	18°♊02'10 9.95059 AU	opposition	-6039 Oct 29 j 10:30	23°♋39'44	-2°17'11
morning rise	-6045 Feb 09 j 01:15	20°♊22'23	min. Earth dist.	-6039 Oct 28 j 18:48	23°♋42'58	8.09666 AU
retrograde	-6045 May 28 j 09:57	28°♊59'19	direct	-6038 Jan 04 j 22:08	20°♋09'54	
opposition	-6045 Aug 04 j 09:56	25°♊27'45 -2°01'42	evening set	-6038 Apr 21 j 07:49	28°♋23'12	
min. Earth dist.	-6045 Aug 04 j 05:21	25°♊28'42 7.90547 AU		-6038 May 04 j 00:52	0°♌	
direct	-6045 Oct 09 j 05:01	22°♊01'10				
	-6044 Jan 17 j 13:38	0°♌	conjunction	-6038 May 09 j 09:32	0°♌41'12	-1°37'49
evening set	-6044 Jan 19 j 17:40	0°♌16'58	minimum elong	-6038 May 09 j 09:36	0°♌41'14	1°37'51
			max. Earth dist.	-6038 May 10 j 05:50	0°♌47'42	10.16571 AU
conjunction	-6044 Feb 06 j 12:49	2°♌38'44 -1°49'35	morning rise	-6038 May 27 j 08:16	2°♌58'10	
minimum elong	-6044 Feb 06 j 12:45	2°♌38'43 1°49'58	retrograde	-6038 Sep 06 j 16:05	10°♌51'37	
max. Earth dist.	-6044 Feb 06 j 21:25	2°♌41'37 9.86791 AU	opposition	-6038 Nov 12 j 04:59	7°♌25'57	-1°45'18
morning rise	-6044 Feb 24 j 12:36	5°♌02'00	min. Earth dist.	-6038 Nov 11 j 14:28	7°♌28'54	8.23960 AU
retrograde	-6044 Jun 11 j 19:40	13°♌44'19	direct	-6037 Jan 19 j 10:17	3°♌56'43	
opposition	-6044 Aug 18 j 06:46	10°♌12'16 -2°31'47	evening set	-6037 May 05 j 19:45	11°♌59'53	
min. Earth dist.	-6044 Aug 17 j 22:05	10°♌14'05 7.84200 AU				
direct	-6044 Oct 22 j 21:46	6°♌44'29	conjunction	-6037 May 23 j 19:09	14°♌14'48	-1°10'17
evening set	-6043 Feb 03 j 07:52	15°♌07'53	minimum elong	-6037 May 23 j 19:12	14°♌14'49	1°10'14
			max. Earth dist.	-6037 May 24 j 12:51	14°♌20'22	10.31742 AU
conjunction	-6043 Feb 21 j 06:09	17°♌31'12 -2°09'50	morning rise	-6037 Jun 10 j 14:38	16°♌28'24	
minimum elong	-6043 Feb 21 j 06:06	17°♌31'11 2°10'12	retrograde	-6037 Sep 19 j 16:49	24°♌07'19	
max. Earth dist.	-6043 Feb 21 j 20:10	17°♌35'54 9.82293 AU	opposition	-6037 Nov 25 j 13:58	20°♌43'31	-1°08'51
morning rise	-6043 Mar 11 j 08:00	19°♌55'40	min. Earth dist.	-6037 Nov 25 j 00:52	20°♌46'09	8.39644 AU
retrograde	-6043 Jun 27 j 05:16	28°♌39'04	direct	-6036 Feb 02 j 14:36	17°♌15'12	
opposition	-6043 Sep 02 j 05:07	25°♌06'58 -2°51'59	evening set	-6036 May 18 j 18:13	25°♌07'21	
min. Earth dist.	-6043 Sep 01 j 16:54	25°♌09'32 7.81752 AU				
direct	-6043 Nov 06 j 20:37	21°♌38'07	conjunction	-6036 Jun 05 j 14:25	27°♌18'55	-0°39'55
	-6042 Feb 18 j 09:07	0°♍	minimum elong	-6036 Jun 05 j 14:27	27°♌18'55	0°39'47
evening set	-6042 Feb 19 j 04:08	0°♍06'14	max. Earth dist.	-6036 Jun 06 j 05:09	27°♌23'28	10.47842 AU
			morning rise	-6036 Jun 23 j 05:54	29°♌28'58	
conjunction	-6042 Mar 09 j 04:50	2°♍30'12 -2°21'30		-6036 Jun 27 j 13:08	0°♎	
minimum elong	-6042 Mar 09 j 04:49	2°♍30'11 2°21'50	retrograde	-6036 Oct 01 j 07:03	6°♎54'15	
max. Earth dist.	-6042 Mar 09 j 22:49	2°♍36'13 9.81791 AU	opposition	-6036 Dec 07 j 13:29	3°♎32'18	-0°30'18
morning rise	-6042 Mar 27 j 07:49	4°♍54'52	min. Earth dist.	-6036 Dec 07 j 02:20	3°♎34'30	8.55846 AU
retrograde	-6042 Jul 12 j 11:32	13°♍34'52	direct	-6035 Feb 15 j 07:43	0°♎05'06	
min. Earth dist.	-6042 Sep 16 j 11:33	10°♍06'22 7.83264 AU	evening set	-6035 Jun 01 j 03:17	7°♎46'11	
opposition	-6042 Sep 17 j 02:10	10°♍03'17 -3°00'33				
direct	-6042 Nov 21 j 23:00	6°♍33'40	conjunction	-6035 Jun 18 j 19:29	9°♎54'17	-0°08'36
	-6041 Mar 06 j 16:05	15°♍	minimum elong	-6035 Jun 18 j 19:30	9°♎54'17	0°08'23
evening set	-6041 Mar 07 j 01:47	15°♍03'10	behind sun begin	-6035 Jun 18 j 13:11	9°♎52'24	
			behind sun end	-6035 Jun 19 j 01:48	9°♎56'11	
conjunction	-6041 Mar 25 j 04:08	17°♍26'53 -2°23'38	max. Earth dist.	-6035 Jun 19 j 07:11	9°♎57'50	10.64007 AU
minimum elong	-6041 Mar 25 j 04:09	17°♍26'53 2°23'55	morning rise	-6035 Jul 06 j 06:21	12°♎00'47	
max. Earth dist.	-6041 Mar 26 j 00:48	17°♍33'46 9.85262 AU		-6035 Aug 01 j 19:20	15°♎	
morning rise	-6041 Apr 12 j 07:19	19°♍50'49	asc. node	-6035 Sep 30 j 09:37	19°♎04'43	
retrograde	-6041 Jul 27 j 10:56	28°♍23'18	retrograde	-6035 Oct 13 j 13:04	19°♎13'59	
opposition	-6041 Oct 01 j 19:38	24°♍52'44 -2°56'56	opposition	-6035 Dec 20 j 04:34	15°♎53'45	0°08'12
min. Earth dist.	-6041 Oct 01 j 03:31	24°♍56'07 7.88649 AU	min. Earth dist.	-6035 Dec 19 j 20:31	15°♎55'19	8.71744 AU
direct	-6041 Dec 07 j 02:04	21°♍22'42		-6035 Dec 31 j 20:53	15°♎♏	
evening set	-6040 Mar 21 j 20:04	29°♍49'57	direct	-6034 Feb 28 j 13:24	12°♎27'48	
	-6040 Mar 23 j 03:08	0°♐		-6034 Apr 26 j 19:42	15°♎	
			evening set	-6034 Jun 13 j 23:40	19°♎58'20	

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

conjunction	-6034 Jul 01 j 11:10	22° 8 03'05	0°22'15	minimum elong	-6028 Sep 05 j 15:39	28° 5 58'55	2°22'28
minimum elong	-6034 Jul 01 j 11:09	22° 8 03'05	0°22'33	max. Earth dist.	-6028 Sep 05 j 01:07	28° 5 54'44	11.28900 AU
max. Earth dist.	-6034 Jul 01 j 19:03	22° 8 05'26	10.79459 AU		-6028 Sep 14 j 12:30	0° 0	
morning rise	-6034 Jul 18 j 17:06	24° 8 06'13		morning rise	-6028 Sep 21 j 23:28	0° 0 50'47	
	-6034 Sep 18 j 17:00	0° 0 II		retrograde	-6028 Dec 30 j 04:11	7° 0 34'53	
retrograde	-6034 Oct 25 j 08:57	1° 0 II 09'09		opposition	-6027 Mar 10 j 17:57	4° 0 19'43	2°56'07
	-6034 Dec 01 j 18:06	30° 8 8		min. Earth dist.	-6027 Mar 11 j 07:11	4° 0 17'19	9.28716 AU
opposition	-6033 Jan 01 j 12:06	27° 8 50'30	0°45'00	direct	-6027 May 21 j 15:31	1° 0 01'22	
min. Earth dist.	-6033 Jan 01 j 07:48	27° 8 51'19	8.86632 AU	evening set	-6027 Aug 31 j 02:49	7° 0 53'46	
direct	-6033 Mar 13 j 09:48	24° 8 25'50					
	-6033 Jun 10 j 12:24	0° 0 II		conjunction	-6027 Sep 16 j 11:06	9° 0 46'02	2°26'23
evening set	-6033 Jun 26 j 08:32	1° 0 II 46'48		minimum elong	-6027 Sep 16 j 11:06	9° 0 46'02	2°26'42
				max. Earth dist.	-6027 Sep 15 j 19:08	9° 0 41'26	11.27324 AU
conjunction	-6033 Jul 13 j 14:55	3° 0 II 48'24	0°51'13	morning rise	-6027 Oct 02 j 17:49	11° 0 37'57	
minimum elong	-6033 Jul 13 j 14:53	3° 0 II 48'23	0°51'33		-6027 Nov 03 j 22:33	15° 0	
max. Earth dist.	-6033 Jul 13 j 17:58	3° 0 II 49'18	10.93564 AU	retrograde	-6026 Jan 10 j 14:00	18° 0 25'35	
morning rise	-6033 Jul 30 j 16:03	5° 0 II 48'29		opposition	-6026 Mar 22 j 09:25	15° 0 09'52	2°58'17
retrograde	-6033 Nov 05 j 22:06	12° 0 II 43'12		min. Earth dist.	-6026 Mar 23 j 00:03	15° 0 07'12	9.25631 AU
opposition	-6032 Jan 13 j 13:08	9° 0 II 25'53	1°18'46		-6026 Mar 24 j 15:47	15° 0 8	
min. Earth dist.	-6032 Jan 13 j 12:18	9° 0 II 26'02	8.99917 AU	direct	-6026 Jun 01 j 23:52	11° 0 51'56	
direct	-6032 Mar 24 j 23:03	6° 0 II 02'30			-6026 Aug 05 j 20:00	15° 0	
evening set	-6032 Jul 07 j 07:10	13° 0 II 15'08		evening set	-6026 Sep 10 j 23:59	18° 0 44'41	
conjunction	-6032 Jul 24 j 08:32	15° 0 II 13'57	1°17'24	conjunction	-6026 Sep 27 j 07:28	20° 0 37'21	2°25'26
minimum elong	-6032 Jul 24 j 08:29	15° 0 II 13'56	1°17'45	minimum elong	-6026 Sep 27 j 07:28	20° 0 37'22	2°25'41
max. Earth dist.	-6032 Jul 24 j 07:02	15° 0 II 13'30	11.05794 AU	max. Earth dist.	-6026 Sep 26 j 13:40	20° 0 32'12	11.22756 AU
morning rise	-6032 Aug 10 j 05:05	17° 0 II 11'21		morning rise	-6026 Oct 13 j 14:19	22° 0 29'58	
retrograde	-6032 Nov 16 j 06:49	23° 0 II 59'58		retrograde	-6025 Jan 22 j 05:16	29° 0 22'50	
opposition	-6031 Jan 24 j 08:59	20° 0 II 43'40	1°48'33	opposition	-6025 Apr 03 j 04:02	26° 0 06'15	2°54'05
min. Earth dist.	-6031 Jan 24 j 10:45	20° 0 II 43'20	9.11100 AU	min. Earth dist.	-6025 Apr 03 j 20:37	26° 0 03'14	9.19585 AU
direct	-6031 Apr 06 j 03:05	17° 0 II 21'35		direct	-6025 Jun 13 j 09:27	22° 0 48'29	
evening set	-6031 Jul 18 j 21:18	24° 0 II 27'15		evening set	-6025 Sep 21 j 23:12	29° 0 43'03	
					-6025 Sep 24 j 10:19	0° 0 II	
conjunction	-6031 Aug 04 j 18:01	26° 0 II 23'41	1°40'04	max. Earth dist.	-6025 Oct 07 j 11:00	1° 0 30'56	11.15323 AU
minimum elong	-6031 Aug 04 j 17:58	26° 0 II 23'40	1°40'26				
max. Earth dist.	-6031 Aug 04 j 13:28	26° 0 II 22'22	11.15710 AU	conjunction	-6025 Oct 08 j 06:51	1° 0 36'45	2°19'08
morning rise	-6031 Aug 21 j 10:11	28° 0 II 18'53		minimum elong	-6025 Oct 08 j 06:53	1° 0 36'45	2°19'20
	-6031 Sep 05 j 16:54	0° 0 5		morning rise	-6025 Oct 24 j 15:05	3° 0 30'40	
retrograde	-6031 Nov 27 j 13:09	5° 0 5 03'27		retrograde	-6024 Feb 03 j 00:30	10° 0 30'26	
opposition	-6030 Feb 05 j 01:12	1° 0 5 47'56	2°13'39	opposition	-6024 Apr 14 j 02:42	7° 0 12'40	2°43'24
min. Earth dist.	-6030 Feb 05 j 05:57	1° 0 5 47'03	9.19797 AU	min. Earth dist.	-6024 Apr 14 j 20:35	7° 0 09'23	9.10738 AU
	-6030 Mar 02 j 20:24	30° 0 8 II		direct	-6024 Jun 23 j 20:31	3° 0 35'47	
direct	-6030 Apr 18 j 00:38	28° 0 II 27'02		evening set	-6024 Oct 02 j 02:02	10° 0 35'24	
	-6030 Jun 02 j 03:49	0° 0 5					
evening set	-6030 Jul 30 j 04:40	5° 0 5 27'10		conjunction	-6024 Oct 18 j 11:05	12° 0 34'01	2°07'29
				minimum elong	-6024 Oct 18 j 11:08	12° 0 34'02	2°07'37
conjunction	-6030 Aug 15 j 21:08	7° 0 5 21'44	1°58'40	max. Earth dist.	-6024 Oct 17 j 14:56	12° 0 42'04	11.05212 AU
minimum elong	-6030 Aug 15 j 21:06	7° 0 5 21'43	1°59'03	morning rise	-6024 Nov 03 j 21:36	14° 0 34'51	
max. Earth dist.	-6030 Aug 15 j 13:23	7° 0 5 19'30	11.22998 AU	retrograde	-6023 Feb 14 j 05:32	21° 0 35'12	
morning rise	-6030 Sep 01 j 09:34	9° 0 5 15'14		opposition	-6023 Apr 26 j 06:57	18° 0 32'57	2°26'12
retrograde	-6030 Dec 08 j 17:43	15° 0 5 57'45		min. Earth dist.	-6023 Apr 27 j 00:41	18° 0 29'40	8.99316 AU
opposition	-6029 Feb 16 j 15:21	12° 0 5 42'41	2°33'32	direct	-6023 Jul 05 j 13:29	15° 0 34'43	
min. Earth dist.	-6029 Feb 16 j 23:41	12° 0 5 41'10	9.25744 AU	evening set	-6023 Oct 13 j 10:24	22° 0 37'29	
direct	-6029 Apr 29 j 15:42	9° 0 5 22'50					
evening set	-6029 Aug 10 j 06:51	16° 0 5 18'54		conjunction	-6023 Oct 29 j 21:55	24° 0 35'02	1°50'33
				minimum elong	-6023 Oct 29 j 21:58	24° 0 35'03	1°50'37
conjunction	-6029 Aug 26 j 19:37	18° 0 5 12'08	2°12'48	max. Earth dist.	-6023 Oct 29 j 02:28	24° 0 30'13	10.92681 AU
minimum elong	-6029 Aug 26 j 19:35	18° 0 5 12'07	2°13'10	morning rise	-6023 Nov 15 j 11:37	26° 0 33'23	
max. Earth dist.	-6029 Aug 26 j 07:51	18° 0 5 08'45	11.27440 AU		-6023 Dec 20 j 10:49	0° 0 5	
morning rise	-6029 Sep 12 j 05:19	20° 0 5 04'32		retrograde	-6022 Feb 26 j 20:08	3° 0 31'54	
retrograde	-6029 Dec 19 j 20:57	26° 0 5 46'54		opposition	-6022 May 08 j 17:55	0° 0 31'05	2°02'36
opposition	-6028 Feb 28 j 04:30	23° 0 5 31'58	2°47'47	min. Earth dist.	-6022 May 09 j 10:32	0° 0 30'51	8.85643 AU
min. Earth dist.	-6028 Feb 28 j 15:56	23° 0 5 29'53	9.28752 AU		-6022 May 11 j 04:37	30° 0 8	
direct	-6028 May 10 j 04:16	20° 0 5 12'57		direct	-6022 Jul 17 j 08:59	26° 0 35'20	
evening set	-6028 Aug 20 j 05:42	27° 0 5 06'29			-6022 Sep 17 j 21:59	0° 0 5	
				evening set	-6022 Oct 25 j 02:42	4° 0 31'24	
conjunction	-6028 Sep 05 j 15:41	28° 0 5 58'55	2°22'07				

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Attention, astronomical year style is used: The year -6022 in astronomical counting style is the year 6023 BCE in historical counting style.

conjunction	-6022 Nov 10 j 17:27	6°♌01'44	1°28'34	minimum elong	-6015 Jan 29 j 13:56	25°♊53'14	1°37'49
minimum elong	-6022 Nov 10 j 17:30	6°♌01'45	1°28'35	max. Earth dist.	-6015 Jan 29 j 18:43	25°♊54'50	9.89875 AU
max. Earth dist.	-6022 Nov 09 j 22:12	5°♌55'53	10.78137 AU	morning rise	-6015 Feb 16 j 12:18	28°♊15'35	
morning rise	-6022 Nov 27 j 11:23	8°♌03'09			-6015 Mar 02 j 03:26	0°♊	
retrograde	-6021 Mar 11 j 19:55	15°♌33'16		retrograde	-6015 Jun 04 j 21:38	6°♊55'48	
opposition	-6021 May 21 j 12:30	12°♌10'29	1°32'57	opposition	-6015 Aug 11 j 14:19	3°♊23'27	-2°18'34
min. Earth dist.	-6021 May 22 j 04:04	12°♌07'32	8.70241 AU	min. Earth dist.	-6015 Aug 11 j 08:01	3°♊24'46	7.86012 AU
direct	-6021 Jul 29 j 10:51	8°♌50'50			-6015 Oct 07 j 18:20	30°♊♊	
evening set	-6021 Nov 06 j 04:47	16°♌08'10		direct	-6015 Oct 16 j 06:12	29°♊55'45	
					-6015 Oct 24 j 18:59	0°♊	
conjunction	-6021 Nov 22 j 23:28	18°♌11'44	1°02'02	evening set	-6014 Jan 27 j 06:11	8°♊15'55	
minimum elong	-6021 Nov 22 j 23:30	18°♌11'45	1°01'58				
max. Earth dist.	-6021 Nov 22 j 05:16	18°♌06'07	10.62192 AU	conjunction	-6014 Feb 14 j 02:59	10°♊38'41	-2°01'10
morning rise	-6021 Dec 09 j 22:22	20°♌16'40		minimum elong	-6014 Feb 14 j 02:55	10°♊38'40	2°01'34
retrograde	-6020 Mar 24 j 07:00	27°♌59'30		max. Earth dist.	-6014 Feb 14 j 12:44	10°♊41'57	9.82898 AU
opposition	-6020 Jun 02 j 15:44	24°♌34'48	0°57'56	morning rise	-6014 Mar 04 j 04:01	13°♊02'50	
min. Earth dist.	-6020 Jun 03 j 05:37	24°♌32'08	8.53813 AU	retrograde	-6014 Jun 20 j 08:10	21°♊46'40	
direct	-6020 Aug 09 j 21:52	21°♌14'04		opposition	-6014 Aug 26 j 12:10	18°♊13'59	-2°43'48
evening set	-6020 Nov 17 j 18:23	28°♌40'50		min. Earth dist.	-6014 Aug 26 j 02:33	18°♊16'00	7.81099 AU
	-6020 Nov 28 j 09:00	0°♌		direct	-6014 Oct 31 j 02:21	14°♊45'02	
				evening set	-6013 Feb 12 j 00:04	23°♊11'50	
conjunction	-6020 Dec 04 j 17:36	0°♌47'58	0°31'44				
minimum elong	-6020 Dec 04 j 17:37	0°♌47'58	0°31'34	conjunction	-6013 Mar 01 j 23:35	25°♊35'46	-2°17'07
max. Earth dist.	-6020 Dec 04 j 02:21	0°♌43'10	10.45591 AU	minimum elong	-6013 Mar 01 j 23:33	25°♊35'46	2°17'28
morning rise	-6020 Dec 21 j 21:43	2°♌56'41		max. Earth dist.	-6013 Mar 02 j 14:02	25°♊40'37	9.79992 AU
retrograde	-6019 Apr 07 j 04:53	10°♌52'54		morning rise	-6013 Mar 20 j 02:17	28°♊00'42	
opposition	-6019 Jun 16 j 04:00	7°♌26'13	0°18'41		-6013 Apr 04 j 14:17	0°♌	
min. Earth dist.	-6019 Jun 16 j 15:01	7°♌24'04	8.37170 AU	retrograde	-6013 Jul 05 j 16:25	6°♌43'35	
direct	-6019 Aug 22 j 17:57	4°♌04'15		opposition	-6013 Sep 10 j 10:21	3°♌11'07	-2°58'06
evening set	-6019 Nov 30 j 21:19	11°♌41'34		min. Earth dist.	-6013 Sep 09 j 21:49	3°♌13'46	7.80375 AU
desc. node	-6019 Dec 04 j 14:27	12°♌09'34			-6013 Oct 28 j 04:30	30°♌♌	
				direct	-6013 Nov 15 j 04:23	29°♊41'13	
conjunction	-6019 Dec 18 j 01:28	13°♌52'25	-0°01'14		-6013 Dec 03 j 03:06	0°♌	
minimum elong	-6019 Dec 18 j 01:26	13°♌52'25	0°01'29	evening set	-6012 Feb 27 j 21:41	8°♌11'14	
behind sun begin	-6019 Dec 17 j 18:17	13°♌50'09					
behind sun end	-6019 Dec 18 j 08:35	13°♌54'41		conjunction	-6012 Mar 16 j 23:15	10°♌35'23	-2°23'52
max. Earth dist.	-6019 Dec 17 j 14:46	13°♌49'01	10.29167 AU	minimum elong	-6012 Mar 16 j 23:15	10°♌35'23	2°24'11
	-6019 Dec 26 j 20:56	15°♌		max. Earth dist.	-6012 Mar 17 j 17:40	10°♌41'33	9.81382 AU
morning rise	-6018 Jan 04 j 10:46	16°♌05'01		morning rise	-6012 Apr 04 j 02:41	13°♌00'03	
retrograde	-6018 Apr 21 j 13:43	24°♌14'34			-6012 Apr 19 j 18:04	15°♌	
opposition	-6018 Jun 30 j 01:06	20°♌46'01	-0°23'08	retrograde	-6012 Jul 19 j 18:32	21°♌37'24	
min. Earth dist.	-6018 Jun 30 j 08:00	20°♌44'39	8.21186 AU	opposition	-6012 Sep 24 j 06:10	18°♌05'41	-3°00'18
direct	-6018 Sep 05 j 00:24	17°♌22'39		min. Earth dist.	-6012 Sep 23 j 15:12	18°♌08'51	7.83892 AU
evening set	-6018 Dec 14 j 14:41	25°♌11'17			-6012 Nov 08 j 11:32	15°♌♌	
				direct	-6012 Nov 29 j 08:28	14°♌35'11	
conjunction	-6018 Dec 31 j 23:39	27°♌25'49	-0°35'06		-6012 Dec 20 j 03:01	15°♌	
minimum elong	-6018 Dec 31 j 23:38	27°♌25'48	0°35'25	evening set	-6011 Mar 14 j 18:11	23°♌04'36	
max. Earth dist.	-6018 Dec 31 j 17:56	27°♌23'58	10.13811 AU				
morning rise	-6017 Jan 18 j 13:57	29°♌42'09		conjunction	-6011 Apr 01 j 21:05	25°♌28'02	-2°20'59
	-6017 Jan 20 j 22:15	0°♊		minimum elong	-6011 Apr 01 j 21:07	25°♌28'03	2°21'14
retrograde	-6017 May 06 j 08:43	8°♊04'10		max. Earth dist.	-6011 Apr 02 j 18:15	25°♌35'04	9.86966 AU
opposition	-6017 Jul 14 j 06:44	4°♊33'58	-1°05'12	morning rise	-6011 Apr 20 j 00:21	27°♌51'28	
min. Earth dist.	-6017 Jul 14 j 09:00	4°♊33'31	8.06755 AU		-6011 May 06 j 23:05	0°♋	
direct	-6017 Sep 18 j 16:56	1°♊09'09		retrograde	-6011 Aug 03 j 11:54	6°♋19'15	
evening set	-6017 Dec 28 j 22:45	9°♊09'15		opposition	-6011 Oct 08 j 20:55	2°♋48'45	-2°50'31
				min. Earth dist.	-6011 Oct 08 j 04:16	2°♋52'15	7.91379 AU
					-6011 Nov 16 j 23:01	30°♋♌	
conjunction	-6016 Jan 15 j 12:09	11°♊27'08	-1°07'57	direct	-6011 Dec 14 j 10:47	29°♌18'04	
minimum elong	-6016 Jan 15 j 12:06	11°♊27'07	1°08'19		-6010 Jan 10 j 20:39	0°♋	
max. Earth dist.	-6016 Jan 15 j 11:39	11°♊26'58	10.00422 AU	evening set	-6010 Mar 30 j 09:25	7°♋43'16	
morning rise	-6016 Feb 02 j 06:49	13°♊46'48					
retrograde	-6016 May 20 j 12:31	22°♊19'25		conjunction	-6010 Apr 17 j 12:43	10°♋05'06	-2°09'02
opposition	-6016 Jul 27 j 19:42	18°♊47'55	-1°44'43	minimum elong	-6010 Apr 17 j 12:46	10°♋05'07	2°09'12
min. Earth dist.	-6016 Jul 27 j 17:27	18°♊48'23	7.94764 AU	max. Earth dist.	-6010 Apr 18 j 11:14	10°♋12'29	9.96316 AU
direct	-6016 Oct 01 j 18:25	15°♊21'37		morning rise	-6010 May 05 j 14:49	12°♋26'27	
evening set	-6015 Jan 11 j 20:37	23°♊32'33		retrograde	-6010 Aug 17 j 19:47	20°♋41'40	
				min. Earth dist.	-6010 Oct 22 j 11:00	17°♋16'24	8.02296 AU
conjunction	-6015 Jan 29 j 14:00	25°♊53'15	-1°37'26				

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Attention, astronomical year style is used: The year -6010 in astronomical counting style is the year 6011 BCE in historical counting style.

opposition	-6010 Oct 23 j 04:25	17° X 12'47	-2°30'06			-6004 Jul 19 j 05:27	0° II	
direct	-6010 Dec 29 j 08:50	13° X 42'20		morning rise		-6004 Jul 24 j 13:15	0° II 37'24	
evening set	-6009 Apr 14 j 15:29	22° X 00'16		retrograde		-6004 Oct 31 j 01:02	7° II 35'56	
				opposition		-6003 Jan 07 j 08:52	4° II 18'26	1°03'25
conjunction	-6009 May 02 j 18:08	24° X 19'46	-1°49'22	min. Earth dist.		-6003 Jan 07 j 05:07	4° II 19'08	8.94526 AU
minimum elong	-6009 May 02 j 18:13	24° X 19'47	1°49'27	direct		-6003 Mar 19 j 13:12	0° II 54'56	
max. Earth dist.	-6009 May 03 j 16:49	24° X 27'05	10.08772 AU	evening set		-6003 Jul 02 j 04:49	8° II 11'29	
morning rise	-6009 May 20 j 18:10	26° X 38'21						
	-6009 Jun 17 j 20:58	0° Y		conjunction		-6003 Jul 19 j 08:42	10° II 11'34	1°05'34
retrograde	-6009 Aug 31 j 16:32	4° Y 39'18		minimum elong		-6003 Jul 19 j 08:39	10° II 11'33	1°05'55
min. Earth dist.	-6009 Nov 05 j 10:39	1° Y 15'47	8.15914 AU	max. Earth dist.		-6003 Jul 19 j 10:36	10° II 12'08	11.01024 AU
opposition	-6009 Nov 06 j 03:29	1° Y 12'19	-2°01'15	morning rise		-6003 Aug 05 j 07:15	12° II 10'09	
	-6009 Nov 21 j 03:47	30° R X		retrograde		-6003 Nov 11 j 12:10	19° II 01'30	
direct	-6008 Jan 13 j 00:08	27° X 42'30		opposition		-6002 Jan 19 j 07:36	15° II 45'14	1°35'11
	-6008 Mar 05 j 02:40	0° Y		min. Earth dist.		-6002 Jan 19 j 08:16	15° II 45'06	9.06877 AU
evening set	-6008 Apr 28 j 09:44	5° Y 50'58		direct		-6002 Mar 31 j 20:07	12° II 23'02	
				evening set		-6002 Jul 13 j 23:23	19° II 31'56	
conjunction	-6008 May 16 j 10:38	8° Y 07'33	-1°23'51					
minimum elong	-6008 May 16 j 10:42	8° Y 07'34	1°23'50	conjunction		-6002 Jul 30 j 22:13	21° II 29'25	1°29'59
max. Earth dist.	-6008 May 17 j 07:54	8° Y 14'19	10.23509 AU	minimum elong		-6002 Jul 30 j 22:10	21° II 29'24	1°30'20
morning rise	-6008 Jun 03 j 07:46	10° Y 22'55		max. Earth dist.		-6002 Jul 30 j 18:53	21° II 28'27	11.12090 AU
retrograde	-6008 Sep 13 j 00:53	18° Y 09'08		morning rise		-6002 Aug 16 j 16:20	23° II 25'34	
opposition	-6008 Nov 18 j 17:16	14° Y 44'14	-1°26'34			-6002 Nov 07 j 10:24	0° S	
min. Earth dist.	-6008 Nov 18 j 02:20	14° Y 47'15	8.31382 AU	retrograde		-6002 Nov 22 j 18:47	0° S 11'55	
direct	-6007 Jan 26 j 07:42	11° Y 15'21				-6002 Dec 08 j 07:07	30° R II	
evening set	-6007 May 12 j 15:13	19° Y 13'08		opposition		-6001 Jan 31 j 01:58	26° II 56'33	2°02'34
				min. Earth dist.		-6001 Jan 31 j 06:34	26° II 55'42	9.16707 AU
conjunction	-6007 May 30 j 13:13	21° Y 26'25	-0°54'32	direct		-6001 Apr 12 j 21:55	23° II 35'31	
minimum elong	-6007 May 30 j 13:16	21° Y 26'26	0°54'26			-6001 Jul 19 j 17:31	0° S	
max. Earth dist.	-6007 May 31 j 07:20	21° Y 32'04	10.39625 AU	evening set		-6001 Jul 25 j 10:18	0° S 38'17	
morning rise	-6007 Jun 17 j 06:41	23° Y 38'16						
	-6007 Aug 20 j 15:24	0° S		conjunction		-6001 Aug 11 j 04:33	2° S 33'40	1°50'33
retrograde	-6007 Sep 25 j 20:42	1° S 10'15		minimum elong		-6001 Aug 11 j 04:30	2° S 33'39	1°50'54
	-6007 Nov 01 j 14:37	30° R Y		max. Earth dist.		-6001 Aug 10 j 20:41	2° S 31'23	11.20470 AU
opposition	-6007 Dec 01 j 21:37	27° Y 47'28	-0°48'38	morning rise		-6001 Aug 27 j 18:48	4° S 27'55	
min. Earth dist.	-6007 Dec 01 j 09:21	27° Y 49'54	8.47806 AU	retrograde		-6001 Dec 04 j 00:15	11° S 11'21	
direct	-6006 Feb 09 j 05:52	24° Y 19'47		opposition		-6000 Feb 11 j 17:09	7° S 56'29	2°24'56
	-6006 May 08 j 04:23	0° S		min. Earth dist.		-6000 Feb 12 j 00:39	7° S 55'07	9.23721 AU
evening set	-6006 May 26 j 07:19	2° S 06'28		direct		-6000 Apr 23 j 17:10	4° S 36'30	
				evening set		-6000 Aug 04 j 15:11	11° S 34'35	
conjunction	-6006 Jun 13 j 01:28	4° S 16'17	-0°23'23					
minimum elong	-6006 Jun 13 j 01:29	4° S 16'17	0°23'11	conjunction		-6000 Aug 21 j 05:39	13° S 28'25	2°06'48
max. Earth dist.	-6006 Jun 13 j 15:23	4° S 20'32	10.56228 AU	minimum elong		-6000 Aug 21 j 05:37	13° S 28'24	2°07'10
morning rise	-6006 Jun 30 j 14:40	6° S 24'32		max. Earth dist.		-6000 Aug 20 j 18:53	13° S 25'19	11.25953 AU
retrograde	-6006 Oct 08 j 06:22	13° S 43'34		morning rise		-6000 Sep 06 j 16:34	15° S 21'18	
opposition	-6006 Dec 14 j 17:12	10° S 22'46	-0°09'48	retrograde		-6000 Dec 14 j 05:08	22° S 03'46	
min. Earth dist.	-6006 Dec 14 j 07:30	10° S 24'39	8.64324 AU	opposition		-5999 Feb 22 j 06:55	18° S 49'04	2°41'52
direct	-6005 Feb 22 j 18:03	6° S 56'28		min. Earth dist.		-5999 Feb 22 j 17:02	18° S 47'13	9.27753 AU
asc. node	-6005 Mar 20 j 17:45	7° S 29'54		direct		-5999 May 05 j 07:54	15° S 29'52	
evening set	-6005 Jun 08 j 10:07	14° S 32'13		evening set		-5999 Aug 15 j 15:48	22° S 24'45	
	-6005 Jun 12 j 07:51	15° S						
conjunction	-6005 Jun 25 j 23:48	16° S 38'34	0°07'59	conjunction		-5999 Sep 01 j 03:07	24° S 17'33	2°18'23
minimum elong	-6005 Jun 25 j 23:47	16° S 38'34	0°08'14	minimum elong		-5999 Sep 01 j 03:05	24° S 17'33	2°18'45
behind sun begin	-6005 Jun 25 j 17:28	16° S 36'41		max. Earth dist.		-5999 Aug 31 j 13:34	24° S 13'39	11.28419 AU
behind sun end	-6005 Jun 26 j 06:07	16° S 40'27		morning rise		-5999 Sep 17 j 11:33	26° S 09'38	
max. Earth dist.	-6005 Jun 26 j 09:28	16° S 41'28	10.72484 AU			-5999 Oct 25 j 01:16	0° Q	
morning rise	-6005 Jul 13 j 08:18	18° S 43'20		retrograde		-5999 Dec 25 j 11:38	2° Q 53'00	
retrograde	-6005 Oct 20 j 06:33	25° S 51'09				-5998 Feb 28 j 19:42	30° R S	
opposition	-6005 Dec 27 j 04:38	22° S 32'07	0°28'03	opposition		-5998 Mar 05 j 20:37	29° S 38'05	2°53'00
min. Earth dist.	-6005 Dec 26 j 21:25	22° S 33'30	8.80135 AU	min. Earth dist.		-5998 Mar 06 j 09:56	29° S 35'40	9.28729 AU
direct	-6004 Mar 06 j 20:39	19° S 07'14		direct		-5998 May 16 j 19:02	26° S 19'29	
evening set	-6004 Jun 20 j 00:51	26° S 32'50				-5998 Jul 26 j 23:44	0° Q	
				evening set		-5998 Aug 26 j 13:54	3° Q 12'34	
conjunction	-6004 Jul 07 j 09:45	28° S 35'54	0°37'57	conjunction		-5998 Sep 11 j 22:50	5° Q 04'55	2°25'01
minimum elong	-6004 Jul 07 j 09:44	28° S 35'53	0°38'16	minimum elong		-5998 Sep 11 j 22:49	5° Q 04'55	2°25'22
max. Earth dist.	-6004 Jul 07 j 15:49	28° S 37'42	10.87639 AU	max. Earth dist.		-5998 Sep 11 j 05:53	5° Q 00'02	11.27845 AU

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Attention, astronomical year style is used: The year -5998 in astronomical counting style is the year 5999 BCE in historical counting style.

morning rise	-5998 Sep 28 j 06:00	6°Ω56'50		opposition	-5991 May 28 j 00:09	19°Ω06'14	1°14'43
retrograde	-5997 Jan 05 j 17:38	13°Ω42'54		min. Earth dist.	-5991 May 28 j 13:46	19°Ω03'37	8.60341 AU
opposition	-5997 Mar 17 j 11:20	10°Ω27'23	2°58'03	direct	-5991 Aug 04 j 15:35	15°Ω45'34	
min. Earth dist.	-5997 Mar 18 j 03:10	10°Ω24'30	9.26654 AU	evening set	-5991 Nov 12 j 08:35	23°Ω07'58	
direct	-5997 May 28 j 04:06	7°Ω09'05					
evening set	-5997 Sep 06 j 10:57	14°Ω01'52		conjunction	-5991 Nov 29 j 05:46	25°Ω13'30	0°46'07
	-5997 Sep 14 j 22:31	15°Ω		minimum elong	-5991 Nov 29 j 05:48	25°Ω13'31	0°45'59
				max. Earth dist.	-5991 Nov 28 j 14:59	25°Ω08'54	10.52346 AU
conjunction	-5997 Sep 22 j 18:39	15°Ω54'22	2°26'30	morning rise	-5991 Dec 16 j 07:19	27°Ω20'31	
minimum elong	-5997 Sep 22 j 18:40	15°Ω54'23	2°26'47		-5990 Jan 08 j 00:18	0°ℳ	
max. Earth dist.	-5997 Sep 21 j 23:51	15°Ω48'56	11.24265 AU	retrograde	-5990 Apr 01 j 04:19	5°ℳ10'36	
morning rise	-5997 Oct 09 j 01:31	17°Ω46'42		opposition	-5990 Jun 10 j 08:05	1°ℳ44'26	0°37'14
retrograde	-5996 Jan 17 j 06:30	24°Ω37'14		min. Earth dist.	-5990 Jun 10 j 18:41	1°ℳ42'22	8.44112 AU
opposition	-5996 Mar 28 j 04:16	21°Ω20'48	2°56'50		-5990 Jul 03 j 20:40	30°℞Ω	
min. Earth dist.	-5996 Mar 28 j 21:08	21°Ω17'44	9.21588 AU	direct	-5990 Aug 17 j 05:26	28°Ω22'45	
direct	-5996 Jun 07 j 15:39	18°Ω02'36			-5990 Sep 29 j 04:14	0°ℳ	
evening set	-5996 Sep 16 j 08:56	24°Ω56'32		evening set	-5990 Nov 25 j 05:12	5°ℳ55'08	
conjunction	-5996 Oct 02 j 16:32	26°Ω49'49	2°22'41	conjunction	-5990 Dec 12 j 06:59	8°ℳ04'17	0°14'15
minimum elong	-5996 Oct 02 j 16:34	26°Ω49'49	2°22'54	minimum elong	-5990 Dec 12 j 06:59	8°ℳ04'17	0°14'03
max. Earth dist.	-5996 Oct 01 j 21:23	26°Ω44'14	11.17780 AU	behind sun begin	-5990 Dec 12 j 03:22	8°ℳ03'09	
morning rise	-5996 Oct 18 j 23:59	28°Ω43'10		behind sun end	-5990 Dec 12 j 10:36	8°ℳ05'25	
	-5996 Oct 30 j 10:33	0°ℳ		max. Earth dist.	-5990 Dec 11 j 18:50	8°ℳ00'26	10.36167 AU
retrograde	-5995 Jan 28 j 00:10	5°ℳ39'53		morning rise	-5990 Dec 29 j 13:54	10°ℳ15'08	
opposition	-5995 Apr 09 j 00:52	2°ℳ22'14	2°49'10		-5989 Feb 09 j 20:48	15°ℳ	
min. Earth dist.	-5995 Apr 09 j 18:04	2°ℳ19'06	9.13687 AU	retrograde	-5989 Apr 15 j 08:16	18°ℳ18'32	
	-5995 May 15 j 04:22	30°℞Ω		desc. node	-5989 May 22 j 03:21	17°ℳ11'55	
direct	-5995 Jun 19 j 01:27	29°Ω03'58			-5989 Jun 22 j 01:30	15°℞ℳ	
	-5995 Jul 23 j 03:53	0°ℳ		opposition	-5989 Jun 24 j 00:59	14°ℳ50'37	-0°03'40
evening set	-5995 Sep 27 j 09:49	6°ℳ00'33		min. Earth dist.	-5989 Jun 24 j 08:35	14°ℳ49'07	8.28147 AU
				direct	-5989 Aug 30 j 06:23	11°ℳ27'47	
conjunction	-5995 Oct 13 j 18:14	7°ℳ55'12	2°13'31		-5989 Nov 02 j 12:28	15°ℳ	
minimum elong	-5995 Oct 13 j 18:16	7°ℳ55'12	2°13'40	evening set	-5989 Dec 08 j 15:46	19°ℳ11'08	
max. Earth dist.	-5995 Oct 12 j 22:05	7°ℳ49'16	11.08604 AU				
morning rise	-5995 Oct 30 j 03:30	9°ℳ50'12		conjunction	-5989 Dec 25 j 22:17	21°ℳ23'58	-0°19'29
retrograde	-5994 Feb 09 j 01:21	16°ℳ54'46		minimum elong	-5989 Dec 25 j 22:17	21°ℳ23'57	0°19'45
opposition	-5994 Apr 21 j 02:33	13°ℳ35'42	2°34'59	max. Earth dist.	-5989 Dec 25 j 14:12	21°ℳ21'22	10.20645 AU
min. Earth dist.	-5994 Apr 21 j 20:18	13°ℳ32'25	9.03216 AU	morning rise	-5988 Jan 12 j 10:25	23°ℳ38'36	
direct	-5994 Jun 30 j 14:52	10°ℳ17'05			-5988 Mar 12 j 03:25	0°℞	
evening set	-5994 Oct 08 j 15:21	17°ℳ17'51		retrograde	-5988 Apr 28 j 22:46	1°℞54'55	
max. Earth dist.	-5994 Oct 24 j 04:46	19°ℳ08'16	10.97037 AU		-5988 Jun 16 j 17:19	30°℞ℳ	
				opposition	-5988 Jul 07 j 02:54	28°ℳ25'28	-0°45'56
conjunction	-5994 Oct 25 j 01:35	19°ℳ14'28	1°59'00	min. Earth dist.	-5988 Jul 07 j 06:59	28°ℳ24'39	8.13319 AU
minimum elong	-5994 Oct 25 j 01:38	19°ℳ14'29	1°59'06	direct	-5988 Sep 11 j 18:12	25°ℳ01'23	
morning rise	-5994 Nov 10 j 13:52	21°ℳ11'45			-5988 Nov 27 j 16:32	0°℞	
retrograde	-5993 Feb 21 j 09:49	28°ℳ25'45		evening set	-5988 Dec 21 j 16:51	2°℞56'08	
opposition	-5993 May 03 j 10:19	25°ℳ05'03	2°14'18				
min. Earth dist.	-5993 May 04 j 04:08	25°ℳ01'44	8.90518 AU	conjunction	-5987 Jan 08 j 04:04	5°℞12'27	-0°53'04
direct	-5993 Jul 12 j 08:16	21°ℳ45'55		minimum elong	-5987 Jan 08 j 04:01	5°℞12'26	0°53'24
evening set	-5993 Oct 20 j 03:41	28°ℳ52'25		max. Earth dist.	-5987 Jan 08 j 01:24	5°℞11'35	10.06672 AU
	-5993 Oct 29 j 14:05	0°Ω		morning rise	-5987 Jan 25 j 20:53	7°℞30'36	
conjunction	-5993 Nov 05 j 16:50	0°Ω51'33	1°39'18	retrograde	-5987 May 13 j 22:41	15°℞58'28	
minimum elong	-5993 Nov 05 j 16:53	0°Ω51'34	1°39'20	opposition	-5987 Jul 21 j 12:52	12°℞27'45	-1°26'59
max. Earth dist.	-5993 Nov 04 j 21:12	0°Ω45'37	10.83457 AU	min. Earth dist.	-5987 Jul 21 j 12:37	12°℞27'48	8.00527 AU
morning rise	-5993 Nov 22 j 08:53	2°Ω51'38		direct	-5987 Sep 25 j 16:06	9°℞02'24	
retrograde	-5992 Mar 05 j 03:43	10°Ω16'32		evening set	-5986 Jan 05 j 08:33	17°℞08'16	
opposition	-5992 May 15 j 01:04	6°Ω54'03	1°47'23	conjunction	-5986 Jan 23 j 00:07	19°℞27'39	-1°24'23
min. Earth dist.	-5992 May 15 j 17:24	6°Ω50'58	8.76039 AU	minimum elong	-5986 Jan 23 j 00:03	19°℞27'37	1°24'46
direct	-5992 Jul 23 j 08:27	3°Ω34'14		max. Earth dist.	-5986 Jan 23 j 03:26	19°℞28'45	9.95136 AU
evening set	-5992 Oct 31 j 00:46	10°Ω48'00		morning rise	-5986 Feb 09 j 20:51	21°℞48'45	
					-5986 May 07 j 12:11	0°℞	
conjunction	-5992 Nov 16 j 17:40	12°Ω50'08	1°14'48	retrograde	-5986 May 29 j 05:22	0°℞25'36	
minimum elong	-5992 Nov 16 j 17:43	12°Ω50'09	1°14'45		-5986 Jun 20 j 00:06	30°℞℞	
max. Earth dist.	-5992 Nov 16 j 00:23	12°Ω44'50	10.68353 AU	opposition	-5986 Aug 05 j 05:08	26°℞54'00	-2°03'47
morning rise	-5992 Dec 03 j 14:09	14°Ω53'30		min. Earth dist.	-5986 Aug 05 j 00:20	26°℞54'59	7.90605 AU
retrograde	-5991 Mar 18 j 10:39	22°Ω30'34		direct	-5986 Oct 10 j 00:15	23°℞27'23	

Attention, astronomical year style is used: The year -5985 in astronomical counting style is the year 5986 BCE in historical counting style.

	-5985 Jan 07 j 02:57	0°♄	direct	-5979 Jan 05 j 17:42	21°♄35'31	
evening set	-5985 Jan 20 j 13:12	1°♄43'13	evening set	-5979 Apr 22 j 03:01	29°♄48'54	
				-5979 Apr 23 j 14:21	0°♄	
conjunction	-5985 Feb 07 j 08:31	4°♄04'59 -1°51'02				
minimum elong	-5985 Feb 07 j 08:27	4°♄04'58 1°51'25	conjunction	-5979 May 10 j 04:46	2°♄06'56 -1°36'01	
max. Earth dist.	-5985 Feb 07 j 17:46	4°♄08'04 9.86825 AU	minimum elong	-5979 May 10 j 04:50	2°♄06'57 1°36'02	
morning rise	-5985 Feb 25 j 08:15	6°♄28'14	max. Earth dist.	-5979 May 11 j 00:13	2°♄13'10 10.16581 AU	
retrograde	-5985 Jun 13 j 15:23	15°♄10'31	morning rise	-5979 May 28 j 03:34	4°♄23'56	
opposition	-5985 Aug 20 j 01:48	11°♄38'27 -2°33'16	retrograde	-5979 Sep 07 j 09:57	12°♄17'22	
min. Earth dist.	-5985 Aug 19 j 16:37	11°♄40'22 7.84229 AU	opposition	-5979 Nov 12 j 23:39	8°♄51'46 -1°42'51	
direct	-5985 Oct 24 j 16:51	8°♄10'40	min. Earth dist.	-5979 Nov 12 j 08:55	8°♄54'46 8.23917 AU	
evening set	-5984 Feb 05 j 03:36	16°♄34'11	direct	-5978 Jan 20 j 06:40	5°♄22'36	
			evening set	-5978 May 06 j 15:06	13°♄25'56	
conjunction	-5984 Feb 23 j 01:55	18°♄57'30 -2°10'45				
minimum elong	-5984 Feb 23 j 01:53	18°♄57'29 2°11'08	conjunction	-5978 May 24 j 14:36	15°♄40'53 -1°08'10	
max. Earth dist.	-5984 Feb 23 j 16:24	19°♄02'21 9.82321 AU	minimum elong	-5978 May 24 j 14:39	15°♄40'54 1°08'06	
morning rise	-5984 Mar 12 j 03:41	21°♄21'57	max. Earth dist.	-5978 May 25 j 08:14	15°♄46'27 10.31654 AU	
	-5984 Jun 18 j 08:58	0°♄	morning rise	-5978 Jun 11 j 10:01	17°♄54'31	
retrograde	-5984 Jun 28 j 01:03	0°♄05'18	retrograde	-5978 Sep 20 j 11:45	25°♄33'32	
	-5984 Jul 07 j 17:14	30°♄	opposition	-5978 Nov 26 j 08:49	22°♄09'48 -1°06'05	
min. Earth dist.	-5984 Sep 02 j 11:29	26°♄35'53 7.81810 AU	min. Earth dist.	-5978 Nov 25 j 19:30	22°♄12'28 8.39503 AU	
opposition	-5984 Sep 03 j 00:05	26°♄33'14 -2°52'47	direct	-5977 Feb 03 j 09:26	18°♄41'33	
direct	-5984 Nov 07 j 15:39	23°♄04'25	evening set	-5977 May 20 j 13:46	26°♄33'55	
	-5983 Feb 08 j 00:33	0°♄				
evening set	-5983 Feb 19 j 23:52	1°♄32'36	conjunction	-5977 Jun 07 j 10:01	28°♄45'31 -0°37'35	
			minimum elong	-5977 Jun 07 j 10:03	28°♄45'32 0°37'26	
conjunction	-5983 Mar 10 j 00:32	3°♄56'33 -2°21'50	max. Earth dist.	-5977 Jun 08 j 01:12	28°♄50'13 10.47663 AU	
minimum elong	-5983 Mar 10 j 00:31	3°♄56'32 2°22'10		-5977 Jun 17 j 11:08	0°♄	
max. Earth dist.	-5983 Mar 10 j 18:43	4°♄02'38 9.81891 AU	morning rise	-5977 Jun 25 j 01:18	0°♄55'35	
morning rise	-5983 Mar 28 j 03:28	6°♄21'11	retrograde	-5977 Oct 03 j 04:03	8°♄21'03	
	-5983 Jul 09 j 01:40	15°♄	opposition	-5977 Dec 09 j 08:49	4°♄59'10 -0°27'21	
retrograde	-5983 Jul 13 j 06:49	15°♄01'01	min. Earth dist.	-5977 Dec 08 j 22:00	5°♄01'18 8.55627 AU	
	-5983 Jul 17 j 12:07	15°♄	direct	-5976 Feb 17 j 01:25	1°♄32'00	
opposition	-5983 Sep 17 j 21:05	11°♄29'29 -3°00'35	evening set	-5976 Jun 01 j 22:59	9°♄13'19	
min. Earth dist.	-5983 Sep 17 j 06:35	11°♄32'32 7.83413 AU				
direct	-5983 Nov 22 j 17:33	7°♄59'51	conjunction	-5976 Jun 19 j 15:05	11°♄21'29 -0°06'11	
	-5982 Feb 24 j 06:57	15°♄	minimum elong	-5976 Jun 19 j 15:06	11°♄21'29 0°05'57	
evening set	-5982 Mar 07 j 21:24	16°♄29'17	behind sun begin	-5976 Jun 19 j 08:15	11°♄19'25	
			behind sun end	-5976 Jun 19 j 21:57	11°♄23'32	
conjunction	-5982 Mar 25 j 23:42	18°♄52'59 -2°23'22	max. Earth dist.	-5976 Jun 20 j 02:53	11°♄25'03 10.63757 AU	
minimum elong	-5982 Mar 25 j 23:44	18°♄52'59 2°23'38	morning rise	-5976 Jul 07 j 01:47	13°♄28'01	
max. Earth dist.	-5982 Mar 26 j 19:55	18°♄59'42 9.85445 AU		-5976 Jul 20 j 06:00	15°♄	
morning rise	-5982 Apr 13 j 02:56	21°♄16'53	asc. node	-5976 Sep 01 j 19:56	19°♄07'52	
retrograde	-5982 Jul 28 j 05:50	29°♄49'06	retrograde	-5976 Oct 14 j 08:23	20°♄41'24	
opposition	-5982 Oct 02 j 14:23	26°♄18'35 -2°56'13	opposition	-5976 Dec 21 j 00:17	17°♄21'15 0°11'12	
min. Earth dist.	-5982 Oct 01 j 23:02	26°♄21'49 7.88839 AU	min. Earth dist.	-5976 Dec 20 j 16:59	17°♄22'40 8.71474 AU	
direct	-5982 Dec 07 j 20:15	22°♄48'32		-5975 Jan 23 j 13:30	15°♄	
	-5981 Mar 13 j 17:45	0°♄	direct	-5975 Mar 01 j 08:42	13°♄55'18	
evening set	-5981 Mar 23 j 15:36	1°♄15'44		-5975 Apr 06 j 23:23	15°♄	
			evening set	-5975 Jun 14 j 19:40	21°♄26'07	
conjunction	-5981 Apr 10 j 18:40	3°♄38'17 -2°15'27				
minimum elong	-5981 Apr 10 j 18:43	3°♄38'18 2°15'39	conjunction	-5975 Jul 02 j 06:55	23°♄30'52 0°24'39	
max. Earth dist.	-5981 Apr 11 j 15:45	3°♄45'14 9.92723 AU	minimum elong	-5975 Jul 02 j 06:54	23°♄30'52 0°24'57	
morning rise	-5981 Apr 28 j 21:18	6°♄00'35	max. Earth dist.	-5975 Jul 02 j 13:58	23°♄32'59 10.79165 AU	
retrograde	-5981 Aug 11 j 19:26	14°♄21'50	morning rise	-5975 Jul 19 j 12:48	25°♄34'02	
min. Earth dist.	-5981 Oct 16 j 10:07	10°♄55'59 7.97781 AU		-5975 Aug 30 j 19:44	0°♄	
opposition	-5981 Oct 17 j 01:41	10°♄52'44 -2°40'28	retrograde	-5975 Oct 26 j 04:28	2°♄37'13	
direct	-5981 Dec 22 j 21:26	7°♄22'38		-5975 Dec 24 j 05:46	30°♄	
evening set	-5980 Apr 07 j 02:32	15°♄44'16	opposition	-5974 Jan 02 j 08:03	29°♄18'36 0°47'53	
			min. Earth dist.	-5974 Jan 02 j 03:56	29°♄19'23 8.86326 AU	
conjunction	-5980 Apr 25 j 05:26	18°♄04'54 -1°59'07	direct	-5974 Mar 14 j 06:57	25°♄53'55	
minimum elong	-5980 Apr 25 j 05:30	18°♄04'55 1°59'14		-5974 May 28 j 04:48	0°♄	
max. Earth dist.	-5980 Apr 26 j 02:13	18°♄11'39 10.03324 AU	evening set	-5974 Jun 27 j 04:43	3°♄15'10	
morning rise	-5980 May 13 j 06:37	20°♄24'50				
retrograde	-5980 Aug 24 j 20:56	28°♄32'45	conjunction	-5974 Jul 14 j 10:53	5°♄16'46 0°53'30	
opposition	-5980 Oct 30 j 05:07	25°♄05'19 -2°15'11	minimum elong	-5974 Jul 14 j 10:51	5°♄16'46 0°53'50	
min. Earth dist.	-5980 Oct 29 j 13:48	25°♄08'29 8.09725 AU	max. Earth dist.	-5974 Jul 14 j 13:28	5°♄17'32 10.93243 AU	

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Attention, astronomical year style is used: The year -5974 in astronomical counting style is the year 5975 BCE in historical counting style.

morning rise	-5974 Jul 31 j 11:56	7° Π 16'52		opposition	-5967 Mar 23 j 06:45	16° Ω 39'45	2°58'05
retrograde	-5974 Nov 06 j 18:07	14° Π 11'52		min. Earth dist.	-5967 Mar 23 j 21:33	16° Ω 37'03	9.25490 AU
opposition	-5973 Jan 14 j 09:27	10° Π 54'30	1°21'27		-5967 Apr 16 j 06:56	15° \mathbb{R} Ω	
min. Earth dist.	-5973 Jan 14 j 07:57	10° Π 54'47	8.99585 AU	direct	-5967 Jun 02 j 20:41	13° Ω 21'48	
direct	-5973 Mar 26 j 19:09	7° Π 31'09			-5967 Jul 18 j 21:08	15° Ω	
evening set	-5973 Jul 09 j 03:23	14° Π 43'58		evening set	-5967 Sep 11 j 20:26	20° Ω 14'29	
				max. Earth dist.	-5967 Sep 27 j 09:39	22° Ω 01'54	11.22656 AU
conjunction	-5973 Jul 26 j 04:38	16° Π 42'47	1°19'28				
minimum elong	-5973 Jul 26 j 04:35	16° Π 42'46	1°19'49	conjunction	-5967 Sep 28 j 03:48	22° Ω 07'10	2°25'01
max. Earth dist.	-5973 Jul 26 j 03:54	16° Π 42'34	11.05455 AU	minimum elong	-5967 Sep 28 j 03:49	22° Ω 07'11	2°25'16
morning rise	-5973 Aug 12 j 00:56	18° Π 40'12		morning rise	-5967 Oct 14 j 10:48	23° Ω 59'49	
retrograde	-5973 Nov 18 j 03:34	25° Π 29'06			-5967 Dec 20 j 18:57	0° \mathbb{N}	
opposition	-5972 Jan 26 j 05:41	22° Π 12'45	1°50'55	retrograde	-5966 Jan 23 j 00:47	0° \mathbb{N} 52'46	
min. Earth dist.	-5972 Jan 26 j 07:02	22° Π 12'30	9.10758 AU		-5966 Feb 26 j 00:41	30° \mathbb{R} Ω	
direct	-5972 Apr 07 j 00:02	18° Π 50'40		opposition	-5966 Apr 04 j 01:23	27° Ω 36'08	2°53'17
evening set	-5972 Jul 19 j 17:42	25° Π 56'28		min. Earth dist.	-5966 Apr 04 j 18:02	27° Ω 33'06	9.19527 AU
				direct	-5966 Jun 14 j 05:57	24° Ω 18'23	
conjunction	-5972 Aug 05 j 14:15	27° Π 52'54	1°41'51		-5966 Sep 11 j 23:45	0° \mathbb{N}	
minimum elong	-5972 Aug 05 j 14:12	27° Π 52'54	1°42'12	evening set	-5966 Sep 22 j 19:28	1° \mathbb{N} 12'51	
max. Earth dist.	-5972 Aug 05 j 10:18	27° Π 51'46	11.15369 AU	max. Earth dist.	-5966 Oct 08 j 08:11	3° \mathbb{N} 01'00	11.15317 AU
morning rise	-5972 Aug 22 j 06:10	29° Π 48'06					
	-5972 Aug 24 j 00:15	0° \mathbb{S}		conjunction	-5966 Oct 09 j 03:12	3° \mathbb{N} 06'34	2°18'14
retrograde	-5972 Nov 28 j 10:23	6° \mathbb{S} 32'54		minimum elong	-5966 Oct 09 j 03:14	3° \mathbb{N} 06'34	2°18'26
opposition	-5971 Feb 05 j 22:08	3° \mathbb{S} 17'20	2°15'37	morning rise	-5966 Oct 25 j 11:32	5° \mathbb{N} 00'30	
min. Earth dist.	-5971 Feb 06 j 03:16	3° \mathbb{S} 16'23	9.19468 AU	retrograde	-5965 Feb 03 j 22:08	12° \mathbb{N} 00'22	
	-5971 Apr 10 j 02:20	30° \mathbb{R} Π		opposition	-5965 Apr 16 j 00:01	8° \mathbb{N} 42'33	2°42'01
direct	-5971 Apr 18 j 20:36	29° Π 56'24		min. Earth dist.	-5965 Apr 16 j 16:59	8° \mathbb{N} 39'26	9.10785 AU
	-5971 Apr 27 j 14:48	0° \mathbb{S}		direct	-5965 Jun 25 j 19:04	5° \mathbb{N} 24'42	
evening set	-5971 Jul 31 j 01:14	6° \mathbb{S} 56'39		evening set	-5965 Oct 03 j 22:10	12° \mathbb{N} 22'27	
conjunction	-5971 Aug 16 j 17:24	8° \mathbb{S} 51'12	2°00'05				
minimum elong	-5971 Aug 16 j 17:22	8° \mathbb{S} 51'12	2°00'27	conjunction	-5965 Oct 20 j 07:26	14° \mathbb{N} 17'48	2°06'08
max. Earth dist.	-5971 Aug 16 j 09:13	8° \mathbb{S} 48'51	11.22676 AU	minimum elong	-5965 Oct 20 j 07:29	14° \mathbb{N} 17'49	2°06'16
morning rise	-5971 Sep 02 j 05:46	10° \mathbb{S} 44'43		max. Earth dist.	-5965 Oct 19 j 12:32	14° \mathbb{N} 12'13	11.05319 AU
retrograde	-5971 Dec 09 j 13:14	17° \mathbb{S} 27'27		morning rise	-5965 Nov 05 j 18:01	16° \mathbb{N} 13'40	
opposition	-5970 Feb 17 j 12:27	14° \mathbb{S} 12'19	2°35'01	retrograde	-5964 Feb 16 j 03:12	23° \mathbb{N} 22'00	
min. Earth dist.	-5970 Feb 17 j 20:56	14° \mathbb{S} 10'46	9.25444 AU	opposition	-5964 Apr 27 j 04:06	20° \mathbb{N} 02'44	2°24'18
direct	-5970 Apr 30 j 12:52	10° \mathbb{S} 52'24		min. Earth dist.	-5964 Apr 27 j 20:43	19° \mathbb{N} 59'40	8.99491 AU
evening set	-5970 Aug 11 j 03:24	17° \mathbb{S} 48'34		direct	-5964 Jul 06 j 09:21	16° \mathbb{N} 44'35	
				evening set	-5964 Oct 14 j 06:33	23° \mathbb{N} 47'06	
conjunction	-5970 Aug 27 j 15:58	19° \mathbb{S} 41'46	2°13'47				
minimum elong	-5970 Aug 27 j 15:56	19° \mathbb{S} 41'46	2°14'09	conjunction	-5964 Oct 30 j 18:09	25° \mathbb{N} 44'39	1°48'48
max. Earth dist.	-5970 Aug 27 j 04:18	19° \mathbb{S} 38'25	11.27156 AU	minimum elong	-5964 Oct 30 j 18:12	25° \mathbb{N} 44'40	1°48'52
morning rise	-5970 Sep 13 j 01:35	21° \mathbb{S} 34'10		max. Earth dist.	-5964 Oct 29 j 22:58	25° \mathbb{N} 38'55	10.92934 AU
retrograde	-5970 Dec 20 j 18:25	28° \mathbb{S} 16'46		morning rise	-5964 Nov 16 j 08:03	27° \mathbb{N} 43'00	
opposition	-5969 Mar 01 j 01:43	25° \mathbb{S} 01'44	2°48'44		-5964 Dec 06 j 13:52	0° \mathbb{S}	
min. Earth dist.	-5969 Mar 01 j 12:17	24° \mathbb{S} 59'48	9.28492 AU	retrograde	-5963 Feb 27 j 16:29	5° \mathbb{S} 01'24	
direct	-5969 May 12 j 02:32	21° \mathbb{S} 42'41		opposition	-5963 May 09 j 14:52	1° \mathbb{S} 40'28	2°00'15
evening set	-5969 Aug 22 j 02:09	28° \mathbb{S} 36'13		min. Earth dist.	-5963 May 10 j 07:12	1° \mathbb{S} 37'25	8.85973 AU
	-5969 Sep 03 j 08:28	0° Ω			-5963 Jun 02 j 02:36	30° \mathbb{R} \mathbb{N}	
conjunction	-5969 Sep 07 j 12:07	0° Ω 28'40	2°22'39	direct	-5963 Jul 18 j 05:12	28° \mathbb{N} 21'43	
minimum elong	-5969 Sep 07 j 12:06	0° Ω 28'39	2°23'00		-5963 Aug 31 j 16:17	0° \mathbb{S}	
max. Earth dist.	-5969 Sep 06 j 22:44	0° Ω 24'48	11.28665 AU	evening set	-5963 Oct 25 j 22:43	5° \mathbb{S} 30'40	
morning rise	-5969 Sep 23 j 19:45	2° Ω 20'31					
retrograde	-5968 Jan 01 j 01:05	9° Ω 04'48		conjunction	-5963 Nov 11 j 13:29	7° \mathbb{S} 30'58	1°26'31
opposition	-5968 Mar 11 j 15:14	5° Ω 49'33	2°56'30	minimum elong	-5963 Nov 11 j 13:32	7° \mathbb{S} 30'59	1°26'31
min. Earth dist.	-5968 Mar 12 j 03:42	5° Ω 47'17	9.28508 AU	max. Earth dist.	-5963 Nov 10 j 18:04	7° \mathbb{S} 25'04	10.78546 AU
direct	-5968 May 22 j 11:50	2° Ω 31'11		morning rise	-5963 Nov 28 j 07:41	9° \mathbb{S} 32'22	
evening set	-5968 Aug 31 j 23:17	9° Ω 23'34		retrograde	-5962 Mar 12 j 16:36	17° \mathbb{S} 02'15	
				opposition	-5962 May 22 j 09:16	13° \mathbb{S} 39'31	1°30'15
conjunction	-5968 Sep 17 j 07:31	11° Ω 15'50	2°26'27	min. Earth dist.	-5962 May 23 j 01:06	13° \mathbb{S} 36'31	8.70707 AU
minimum elong	-5968 Sep 17 j 07:31	11° Ω 15'50	2°26'46	direct	-5962 Jul 30 j 07:41	10° \mathbb{S} 19'56	
max. Earth dist.	-5968 Sep 16 j 15:55	11° Ω 11'20	11.27148 AU	evening set	-5962 Nov 07 j 00:30	17° \mathbb{S} 36'52	
morning rise	-5968 Oct 03 j 14:13	13° Ω 07'46					
	-5968 Oct 20 j 16:58	15° Ω		conjunction	-5962 Nov 23 j 19:21	19° \mathbb{S} 40'24	0°59'45
retrograde	-5967 Jan 11 j 11:34	19° Ω 55'30		minimum elong	-5962 Nov 23 j 19:23	19° \mathbb{S} 40'25	0°59'40
				max. Earth dist.	-5962 Nov 23 j 01:42	19° \mathbb{S} 34'57	10.62709 AU
				morning rise	-5962 Dec 10 j 18:26	21° \mathbb{S} 45'18	

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Attention, astronomical year style is used: The year -5961 in astronomical counting style is the year 5962 BCE in historical counting style.

retrograde	-5961 Mar 26 j 02:24	29° Ω 27'51		retrograde	-5955 Jun 21 j 01:29	23° \mathfrak{Z} 11'02	
opposition	-5961 Jun 04 j 12:06	26° Ω 03'12	0°55'00	opposition	-5955 Aug 27 j 06:22	19° \mathfrak{Z} 38'26	-2°44'54
min. Earth dist.	-5961 Jun 05 j 01:56	26° Ω 00'32	8.54361 AU	min. Earth dist.	-5955 Aug 26 j 21:21	19° \mathfrak{Z} 40'19	7.81432 AU
direct	-5961 Aug 11 j 17:59	22° Ω 42'33		direct	-5955 Oct 31 j 22:04	16° \mathfrak{Z} 09'30	
	-5961 Nov 18 j 08:52	0° \mathfrak{M}		evening set	-5954 Feb 12 j 18:48	24° \mathfrak{Z} 36'08	
evening set	-5961 Nov 19 j 14:01	0° \mathfrak{M} 08'56					
conjunction	-5961 Dec 06 j 13:28	2° \mathfrak{M} 16'01	0°29'19	conjunction	-5954 Mar 02 j 18:26	27° \mathfrak{Z} 00'02	-2°17'43
minimum elong	-5961 Dec 06 j 13:29	2° \mathfrak{M} 16'02	0°29'09	minimum elong	-5954 Mar 02 j 18:24	27° \mathfrak{Z} 00'02	2°18'04
max. Earth dist.	-5961 Dec 05 j 23:10	2° \mathfrak{M} 11'32	10.46155 AU	max. Earth dist.	-5954 Mar 03 j 08:42	27° \mathfrak{Z} 04'49	9.80278 AU
morning rise	-5961 Dec 23 j 17:37	4° \mathfrak{M} 24'41		morning rise	-5954 Mar 20 j 21:09	29° \mathfrak{Z} 24'53	
retrograde	-5960 Apr 07 j 23:52	12° \mathfrak{M} 20'34			-5954 Mar 25 j 08:41	0° \mathfrak{M}	
opposition	-5960 Jun 16 j 23:47	8° \mathfrak{M} 53'57	0°15'40	retrograde	-5954 Jul 06 j 09:04	8° \mathfrak{M} 07'28	
min. Earth dist.	-5960 Jun 17 j 10:14	8° \mathfrak{M} 51'55	8.37746 AU	opposition	-5954 Sep 11 j 04:16	4° \mathfrak{M} 35'03	-2°58'29
direct	-5960 Aug 23 j 14:40	5° \mathfrak{M} 32'05		min. Earth dist.	-5954 Sep 10 j 15:52	4° \mathfrak{M} 37'40	7.80610 AU
desc. node	-5960 Nov 07 j 21:45	10° \mathfrak{M} 18'57		direct	-5954 Nov 15 j 22:59	1° \mathfrak{M} 05'09	
evening set	-5960 Dec 01 j 16:51	13° \mathfrak{M} 09'02		evening set	-5953 Feb 28 j 16:20	9° \mathfrak{M} 35'03	
	-5960 Dec 16 j 07:02	15° \mathfrak{M}		conjunction	-5953 Mar 18 j 18:04	11° \mathfrak{M} 59'12	-2°23'53
conjunction	-5960 Dec 18 j 21:04	15° \mathfrak{M} 19'50	-0°03'41	minimum elong	-5953 Mar 18 j 18:04	11° \mathfrak{M} 59'12	2°24'11
minimum elong	-5960 Dec 18 j 21:05	15° \mathfrak{M} 19'50	0°03'56	max. Earth dist.	-5953 Mar 19 j 12:35	12° \mathfrak{M} 05'24	9.81563 AU
behind sun begin	-5960 Dec 18 j 14:00	15° \mathfrak{M} 17'36		morning rise	-5953 Apr 05 j 21:27	14° \mathfrak{M} 23'49	
behind sun end	-5960 Dec 19 j 04:09	15° \mathfrak{M} 22'04			-5953 Apr 10 j 12:40	15° \mathfrak{M}	
max. Earth dist.	-5960 Dec 18 j 10:43	15° \mathfrak{M} 16'32	10.29739 AU	retrograde	-5953 Jul 21 j 11:40	23° \mathfrak{M} 00'56	
morning rise	-5959 Jan 05 j 06:25	17° \mathfrak{M} 32'22		opposition	-5953 Sep 25 j 23:58	19° \mathfrak{M} 29'13	-2°59'58
retrograde	-5959 Apr 22 j 09:28	25° \mathfrak{M} 41'34		min. Earth dist.	-5953 Sep 25 j 08:49	19° \mathfrak{M} 32'25	7.84012 AU
opposition	-5959 Jun 30 j 20:35	22° \mathfrak{M} 13'05	-0°26'05	direct	-5953 Dec 01 j 01:50	15° \mathfrak{M} 58'42	
min. Earth dist.	-5959 Jul 01 j 02:51	22° \mathfrak{M} 11'50	8.21754 AU	evening set	-5952 Mar 15 j 12:41	24° \mathfrak{M} 28'03	
direct	-5959 Sep 05 j 19:41	18° \mathfrak{M} 49'50		conjunction	-5952 Apr 02 j 15:43	26° \mathfrak{M} 51'30	-2°20'26
evening set	-5959 Dec 15 j 10:03	26° \mathfrak{M} 38'06		minimum elong	-5952 Apr 02 j 15:45	26° \mathfrak{M} 51'31	2°20'40
conjunction	-5958 Jan 01 j 18:59	28° \mathfrak{M} 52'33	-0°37'24	max. Earth dist.	-5952 Apr 03 j 13:11	26° \mathfrak{M} 58'38	9.87028 AU
minimum elong	-5958 Jan 01 j 18:58	28° \mathfrak{M} 52'32	0°37'43	morning rise	-5952 Apr 20 j 18:53	29° \mathfrak{M} 14'55	
max. Earth dist.	-5958 Jan 01 j 12:45	28° \mathfrak{M} 50'31	10.14365 AU		-5952 Apr 26 j 14:52	0° \mathfrak{H}	
	-5958 Jan 10 j 10:59	0° \mathfrak{H}		retrograde	-5952 Aug 04 j 06:38	7° \mathfrak{H} 42'33	
morning rise	-5958 Jan 19 j 09:22	1° \mathfrak{H} 08'49		opposition	-5952 Oct 09 j 14:39	4° \mathfrak{H} 12'01	-2°49'29
retrograde	-5958 May 07 j 05:22	9° \mathfrak{H} 30'29		min. Earth dist.	-5952 Oct 08 j 21:55	4° \mathfrak{H} 15'32	7.91380 AU
opposition	-5958 Jul 15 j 01:54	6° \mathfrak{H} 00'21	-1°07'55	direct	-5952 Dec 15 j 04:05	0° \mathfrak{H} 41'17	
min. Earth dist.	-5958 Jul 15 j 04:13	5° \mathfrak{H} 59'53	8.07292 AU	evening set	-5951 Mar 31 j 03:48	9° \mathfrak{H} 06'30	
direct	-5958 Sep 19 j 10:26	2° \mathfrak{H} 35'36		conjunction	-5951 Apr 18 j 07:12	11° \mathfrak{H} 28'21	-2°07'57
evening set	-5958 Dec 29 j 18:04	10° \mathfrak{H} 35'25		minimum elong	-5951 Apr 18 j 07:16	11° \mathfrak{H} 28'23	2°08'07
conjunction	-5957 Jan 16 j 07:25	12° \mathfrak{H} 53'13	-1°09'59	max. Earth dist.	-5951 Apr 19 j 05:59	11° \mathfrak{H} 35'50	9.96262 AU
minimum elong	-5957 Jan 16 j 07:22	12° \mathfrak{H} 53'11	1°10'21	morning rise	-5951 May 06 j 09:15	13° \mathfrak{H} 49'43	
max. Earth dist.	-5957 Jan 16 j 05:50	12° \mathfrak{H} 52'41	10.00939 AU	retrograde	-5951 Aug 18 j 14:41	22° \mathfrak{H} 04'50	
morning rise	-5957 Feb 03 j 02:13	15° \mathfrak{H} 12'48		opposition	-5951 Oct 23 j 22:10	18° \mathfrak{H} 35'56	-2°28'28
retrograde	-5957 May 22 j 08:42	23° \mathfrak{H} 45'00		min. Earth dist.	-5951 Oct 23 j 05:13	18° \mathfrak{H} 39'27	8.02181 AU
opposition	-5957 Jul 29 j 14:29	20° \mathfrak{H} 13'37	-1°47'01	direct	-5951 Dec 30 j 02:33	15° \mathfrak{H} 05'24	
min. Earth dist.	-5957 Jul 29 j 12:57	20° \mathfrak{H} 13'55	7.95251 AU	evening set	-5950 Apr 15 j 09:56	23° \mathfrak{H} 23'27	
direct	-5957 Oct 03 j 13:16	16° \mathfrak{H} 47'20		conjunction	-5950 May 03 j 12:37	25° \mathfrak{H} 42'58	-1°47'50
evening set	-5956 Jan 13 j 15:49	24° \mathfrak{H} 58'05		minimum elong	-5950 May 03 j 12:41	25° \mathfrak{H} 43'00	1°47'54
conjunction	-5956 Jan 31 j 09:09	27° \mathfrak{H} 18'41	-1°39'05	max. Earth dist.	-5950 May 04 j 11:00	25° \mathfrak{H} 50'12	10.08603 AU
minimum elong	-5956 Jan 31 j 09:05	27° \mathfrak{H} 18'40	1°39'28	morning rise	-5950 May 21 j 12:38	28° \mathfrak{H} 01'36	
max. Earth dist.	-5956 Jan 31 j 12:47	27° \mathfrak{H} 19'54	9.90330 AU		-5950 Jun 06 j 13:28	0° \mathfrak{Y}	
morning rise	-5956 Feb 18 j 07:33	29° \mathfrak{H} 40'56		retrograde	-5950 Sep 01 j 10:37	6° \mathfrak{Y} 02'31	
	-5956 Feb 20 j 18:14	0° \mathfrak{Z}		opposition	-5950 Nov 06 j 21:22	2° \mathfrak{Y} 35'31	-1°59'07
retrograde	-5956 Jun 05 j 16:12	8° \mathfrak{Z} 20'45		min. Earth dist.	-5950 Nov 06 j 05:31	2° \mathfrak{Y} 38'47	8.15689 AU
opposition	-5956 Aug 12 j 08:48	4° \mathfrak{Z} 48'30	-2°20'20		-5950 Dec 12 j 15:13	30° \mathfrak{R} \mathfrak{H}	
min. Earth dist.	-5956 Aug 12 j 03:26	4° \mathfrak{Z} 49'37	7.86429 AU	direct	-5949 Jan 13 j 18:32	29° \mathfrak{H} 05'37	
direct	-5956 Oct 17 j 01:59	1° \mathfrak{Z} 20'48			-5949 Feb 14 j 21:25	0° \mathfrak{Y}	
evening set	-5955 Jan 28 j 01:05	9° \mathfrak{Z} 40'48		evening set	-5949 Apr 30 j 04:16	7° \mathfrak{Y} 14'16	
conjunction	-5955 Feb 14 j 21:53	12° \mathfrak{Z} 03'29	-2°02'20	conjunction	-5949 May 18 j 05:04	9° \mathfrak{Y} 30'53	-1°21'57
minimum elong	-5955 Feb 14 j 21:50	12° \mathfrak{Z} 03'28	2°02'43	minimum elong	-5949 May 18 j 05:08	9° \mathfrak{Y} 30'54	1°21'56
max. Earth dist.	-5955 Feb 15 j 07:02	12° \mathfrak{Z} 06'33	9.83275 AU	max. Earth dist.	-5949 May 19 j 01:21	9° \mathfrak{Y} 37'19	10.23231 AU
morning rise	-5955 Mar 04 j 22:57	14° \mathfrak{Z} 27'32		morning rise	-5949 Jun 05 j 02:14	11° \mathfrak{Y} 46'17	
				retrograde	-5949 Sep 14 j 18:32	19° \mathfrak{Y} 32'33	

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Attention, astronomical year style is used: The year -5949 in astronomical counting style is the year 5950 BCE in historical counting style.

opposition	-5949 Nov 20 j 11:20	16° Υ 07'38	-1°24'03	max. Earth dist.	-5943 Jul 31 j 13:58	22° Π 55'11	11.11762 AU
min. Earth dist.	-5949 Nov 19 j 21:08	16° Υ 10'31	8.31060 AU	morning rise	-5943 Aug 17 j 11:26	24° Π 52'21	
direct	-5948 Jan 28 j 02:00	12° Υ 38'41			-5943 Oct 09 j 14:34	0° Θ	
evening set	-5948 May 13 j 09:44	20° Υ 36'41		retrograde	-5943 Nov 23 j 14:43	1° Θ 38'59	
					-5942 Jan 09 j 04:00	30° \mathbb{R} Π	
conjunction	-5948 May 31 j 07:38	22° Υ 50'02	-0°52'23	opposition	-5942 Jan 31 j 21:39	28° Π 23'35	2°04'39
minimum elong	-5948 May 31 j 07:40	22° Υ 50'02	0°52'17	min. Earth dist.	-5942 Feb 01 j 01:23	28° Π 22'54	9.16436 AU
max. Earth dist.	-5948 Jun 01 j 00:39	22° Υ 55'20	10.39261 AU	direct	-5942 Apr 13 j 17:59	25° Π 02'36	
morning rise	-5948 Jun 18 j 01:10	25° Υ 01'56			-5942 Jul 07 j 00:55	0° Θ	
	-5948 Aug 02 j 22:46	0° \mathcal{B}		evening set	-5942 Jul 26 j 05:46	2° Θ 05'30	
retrograde	-5948 Sep 26 j 14:46	2° \mathcal{B} 34'04					
	-5948 Nov 22 j 08:09	30° \mathbb{R} Υ		conjunction	-5942 Aug 11 j 23:56	4° Θ 00'53	1°52'05
opposition	-5948 Dec 02 j 15:49	29° Υ 11'14	-0°45'53	minimum elong	-5942 Aug 11 j 23:53	4° Θ 00'52	1°52'26
min. Earth dist.	-5948 Dec 02 j 03:32	29° Υ 13'41	8.47407 AU	max. Earth dist.	-5942 Aug 11 j 17:05	3° Θ 58'55	11.20249 AU
direct	-5947 Feb 10 j 00:23	25° Υ 43'30		morning rise	-5942 Aug 28 j 13:55	5° Θ 55'08	
	-5947 Apr 25 j 22:03	0° \mathcal{B}		retrograde	-5942 Dec 04 j 20:20	12° Θ 38'49	
evening set	-5947 May 27 j 01:53	3° \mathcal{B} 30'27		opposition	-5941 Feb 12 j 13:13	9° Θ 23'57	2°26'35
				min. Earth dist.	-5941 Feb 12 j 19:57	9° Θ 22'43	9.23543 AU
conjunction	-5947 Jun 13 j 20:01	5° \mathcal{B} 40'19	-0°21'06	direct	-5941 Apr 25 j 12:54	6° Θ 04'00	
minimum elong	-5947 Jun 13 j 20:02	5° \mathcal{B} 40'20	0°20'54	evening set	-5941 Aug 06 j 10:38	13° Θ 02'10	
max. Earth dist.	-5947 Jun 14 j 09:29	5° \mathcal{B} 44'27	10.55799 AU				
morning rise	-5947 Jul 01 j 09:12	7° \mathcal{B} 48'38		conjunction	-5941 Aug 23 j 00:59	14° Θ 55'59	2°07'57
	-5947 Sep 26 j 22:58	15° \mathcal{B}		minimum elong	-5941 Aug 23 j 00:57	14° Θ 55'58	2°08'19
retrograde	-5947 Oct 09 j 00:11	15° \mathcal{B} 07'55		max. Earth dist.	-5941 Aug 22 j 14:58	14° Θ 53'06	11.25812 AU
	-5947 Oct 21 j 04:02	15° \mathbb{R} \mathcal{B}		morning rise	-5941 Sep 08 j 11:41	16° Θ 48'51	
opposition	-5947 Dec 15 j 11:35	11° \mathcal{B} 47'04	-0°06'57	retrograde	-5941 Dec 16 j 01:54	23° Θ 31'32	
min. Earth dist.	-5947 Dec 15 j 01:19	11° \mathcal{B} 49'04	8.63865 AU	opposition	-5940 Feb 24 j 03:15	20° Θ 16'51	2°43'01
asc. node	-5946 Feb 21 j 07:35	8° \mathcal{B} 20'59		min. Earth dist.	-5940 Feb 24 j 13:31	20° Θ 14'59	9.27651 AU
direct	-5946 Feb 23 j 13:26	8° \mathcal{B} 20'44		direct	-5940 May 06 j 03:14	16° Θ 57'43	
	-5946 Jun 01 j 02:12	15° \mathcal{B}		evening set	-5940 Aug 16 j 11:25	23° Θ 52'37	
evening set	-5946 Jun 09 j 04:55	15° \mathcal{B} 56'49					
				conjunction	-5940 Sep 01 j 22:30	25° Θ 45'25	2°19'06
conjunction	-5946 Jun 26 j 18:36	18° \mathcal{B} 03'13	0°10'18	minimum elong	-5940 Sep 01 j 22:29	25° Θ 45'24	2°19'27
minimum elong	-5946 Jun 26 j 18:36	18° \mathcal{B} 03'13	0°10'34	max. Earth dist.	-5940 Sep 01 j 08:32	25° Θ 41'24	11.28347 AU
behind sun begin	-5946 Jun 26 j 13:03	18° \mathcal{B} 01'34		morning rise	-5940 Sep 18 j 06:57	27° Θ 37'30	
behind sun end	-5946 Jun 27 j 00:09	18° \mathcal{B} 04'53			-5940 Oct 10 j 08:51	0° \mathcal{Q}	
max. Earth dist.	-5946 Jun 27 j 04:54	18° \mathcal{B} 06'19	10.72009 AU	retrograde	-5940 Dec 26 j 05:52	4° \mathcal{Q} 21'03	
morning rise	-5946 Jul 14 j 02:54	20° \mathcal{B} 08'01		opposition	-5939 Mar 06 j 16:58	1° \mathcal{Q} 06'08	2°53'36
retrograde	-5946 Oct 21 j 02:23	27° \mathcal{B} 16'10		min. Earth dist.	-5939 Mar 07 j 06:26	1° \mathcal{Q} 03'42	9.28692 AU
opposition	-5946 Dec 27 j 23:23	23° \mathcal{B} 57'07	0°30'53		-5939 Mar 22 j 04:19	30° \mathbb{R} Θ	
min. Earth dist.	-5946 Dec 27 j 16:07	23° \mathcal{B} 58'31	8.79646 AU	direct	-5939 May 17 j 14:21	27° Θ 47'35	
direct	-5945 Mar 08 j 15:11	20° \mathcal{B} 32'14			-5939 Jul 10 j 18:58	0° \mathcal{Q}	
evening set	-5945 Jun 21 j 19:55	27° \mathcal{B} 58'09		evening set	-5939 Aug 27 j 09:31	4° \mathcal{Q} 40'41	
conjunction	-5945 Jul 09 j 04:41	0° Π 01'16	0°40'13	conjunction	-5939 Sep 12 j 18:21	6° \mathcal{Q} 33'02	2°25'17
minimum elong	-5945 Jul 09 j 04:40	0° Π 01'16	0°40'31	minimum elong	-5939 Sep 12 j 18:20	6° \mathcal{Q} 33'01	2°25'37
max. Earth dist.	-5945 Jul 09 j 11:19	0° Π 03'14	10.87153 AU	max. Earth dist.	-5939 Sep 12 j 01:42	6° \mathcal{Q} 28'14	11.27834 AU
	-5945 Jul 09 j 00:25	0° Π		morning rise	-5939 Sep 29 j 01:30	8° \mathcal{Q} 24'56	
morning rise	-5945 Jul 26 j 07:57	2° Π 02'48			-5939 Dec 22 j 11:08	15° \mathcal{Q}	
retrograde	-5945 Nov 01 j 20:16	9° Π 01'41		retrograde	-5938 Jan 06 j 14:54	15° \mathcal{Q} 11'10	
opposition	-5944 Jan 09 j 04:08	5° Π 44'11	1°06'07		-5938 Jan 21 j 21:39	15° \mathbb{R} \mathcal{Q}	
min. Earth dist.	-5944 Jan 09 j 00:48	5° Π 44'48	8.94064 AU	opposition	-5938 Mar 18 j 07:47	11° \mathcal{Q} 55'40	2°58'06
direct	-5944 Mar 20 j 06:30	2° Π 20'41		min. Earth dist.	-5938 Mar 18 j 22:50	11° \mathcal{Q} 52'56	9.26666 AU
evening set	-5944 Jul 03 j 00:04	9° Π 37'34		direct	-5938 May 29 j 02:08	8° \mathcal{Q} 37'26	
					-5938 Sep 02 j 19:13	15° \mathcal{Q}	
conjunction	-5944 Jul 20 j 03:41	11° Π 37'40	1°07'40	evening set	-5938 Sep 07 j 06:30	15° \mathcal{Q} 30'08	
minimum elong	-5944 Jul 20 j 03:38	11° Π 37'40	1°08'01				
max. Earth dist.	-5944 Jul 20 j 05:18	11° Π 38'09	11.00591 AU	conjunction	-5938 Sep 23 j 14:17	17° \mathcal{Q} 22'40	2°26'18
morning rise	-5944 Aug 06 j 02:09	13° Π 36'19		minimum elong	-5938 Sep 23 j 14:17	17° \mathcal{Q} 22'40	2°26'34
retrograde	-5944 Nov 12 j 06:54	20° Π 28'00		max. Earth dist.	-5938 Sep 22 j 20:36	17° \mathcal{Q} 17'33	11.24300 AU
opposition	-5943 Jan 20 j 03:08	17° Π 11'43	1°37'38	morning rise	-5938 Oct 09 j 21:02	19° \mathcal{Q} 14'59	
min. Earth dist.	-5943 Jan 20 j 03:48	17° Π 11'36	9.06498 AU	retrograde	-5937 Jan 18 j 02:52	26° \mathcal{Q} 05'38	
direct	-5943 Apr 01 j 16:27	13° Π 49'31		opposition	-5937 Mar 30 j 00:52	22° \mathcal{Q} 49'12	2°56'18
evening set	-5943 Jul 14 j 18:48	20° Π 58'42		min. Earth dist.	-5937 Mar 30 j 16:52	22° \mathcal{Q} 46'17	9.21641 AU
				direct	-5937 Jun 09 j 10:55	19° \mathcal{Q} 31'05	
conjunction	-5943 Jul 31 j 17:24	22° Π 56'11	1°31'50	evening set	-5937 Sep 18 j 04:34	26° \mathcal{Q} 24'53	
minimum elong	-5943 Jul 31 j 17:21	22° Π 56'10	1°32'11				

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Attention, astronomical year style is used: The year -5937 in astronomical counting style is the year 5938 BCE in historical counting style.

conjunction	-5937 Oct 04 j 12:11	28° <u>Q</u> 18'10	2°22'01	behind sun begin	-5931 Dec 12 j 21:07	9° <u>M</u> 28'57	
minimum elong	-5937 Oct 04 j 12:13	28° <u>Q</u> 18'10	2°22'14	behind sun end	-5931 Dec 13 j 07:17	9° <u>M</u> 32'09	
max. Earth dist.	-5937 Oct 03 j 17:11	28° <u>Q</u> 12'38	11.17857 AU	max. Earth dist.	-5931 Dec 12 j 13:51	9° <u>M</u> 26'39	10.36371 AU
	-5937 Oct 19 j 03:23	0° <u>W</u>		morning rise	-5931 Dec 30 j 09:18	11° <u>M</u> 41'23	
morning rise	-5937 Oct 20 j 19:42	0° <u>W</u> 11'32			-5930 Jan 27 j 14:02	15° <u>M</u>	
retrograde	-5936 Jan 29 j 20:51	7° <u>W</u> 08'17		retrograde	-5930 Apr 16 j 03:04	19° <u>M</u> 44'35	
opposition	-5936 Apr 09 j 21:26	3° <u>W</u> 50'39	2°48'05	desc. node	-5930 Apr 26 j 07:33	19° <u>M</u> 39'15	
min. Earth dist.	-5936 Apr 10 j 14:46	3° <u>W</u> 47'29	9.13781 AU	opposition	-5930 Jun 24 j 20:24	16° <u>M</u> 16'38	-0°06'37
direct	-5936 Jun 19 j 21:38	0° <u>W</u> 32'24		min. Earth dist.	-5930 Jun 25 j 04:34	16° <u>M</u> 15'01	8.28344 AU
evening set	-5936 Sep 28 j 05:28	7° <u>W</u> 28'50			-5930 Jul 11 j 09:52	15° <u>R</u> <u>M</u>	
				direct	-5930 Aug 31 j 02:12	12° <u>M</u> 53'44	
conjunction	-5936 Oct 14 j 13:51	9° <u>W</u> 23'29	2°12'24		-5930 Oct 18 j 18:24	15° <u>M</u>	
minimum elong	-5936 Oct 14 j 13:54	9° <u>W</u> 23'30	2°12'33	evening set	-5930 Dec 09 j 10:44	20° <u>M</u> 36'53	
max. Earth dist.	-5936 Oct 13 j 17:19	9° <u>W</u> 17'26	11.08722 AU				
morning rise	-5936 Oct 30 j 23:22	11° <u>W</u> 18'31		conjunction	-5930 Dec 26 j 17:28	22° <u>M</u> 49'41	-0°21'48
retrograde	-5935 Feb 09 j 20:42	18° <u>W</u> 23'03		minimum elong	-5930 Dec 26 j 17:27	22° <u>M</u> 49'41	0°22'05
opposition	-5935 Apr 21 j 23:04	15° <u>W</u> 03'58	2°33'21	max. Earth dist.	-5930 Dec 26 j 09:53	22° <u>M</u> 47'15	10.20830 AU
min. Earth dist.	-5935 Apr 22 j 17:09	15° <u>W</u> 00'38	9.03345 AU	morning rise	-5929 Jan 13 j 05:40	25° <u>M</u> 04'19	
direct	-5935 Jul 01 j 10:36	11° <u>W</u> 45'23			-5929 Feb 25 j 11:47	0° <u>X</u>	
evening set	-5935 Oct 09 j 10:51	18° <u>W</u> 45'56		retrograde	-5929 Apr 30 j 17:41	3° <u>X</u> 20'26	
					-5929 Jul 07 j 00:44	30° <u>R</u> <u>M</u>	
conjunction	-5935 Oct 25 j 21:12	20° <u>W</u> 42'33	1°57'29	opposition	-5929 Jul 08 j 21:55	29° <u>M</u> 50'56	-0°48'44
minimum elong	-5935 Oct 25 j 21:16	20° <u>W</u> 42'34	1°57'34	min. Earth dist.	-5929 Jul 09 j 02:02	29° <u>M</u> 50'07	8.13491 AU
max. Earth dist.	-5935 Oct 25 j 00:59	20° <u>W</u> 36'31	10.97188 AU	direct	-5929 Sep 13 j 13:25	26° <u>M</u> 26'49	
morning rise	-5935 Nov 11 j 09:38	22° <u>W</u> 39'50			-5929 Nov 16 j 09:03	0° <u>X</u>	
retrograde	-5934 Feb 22 j 05:07	29° <u>W</u> 53'48		evening set	-5929 Dec 23 j 11:50	4° <u>X</u> 21'25	
opposition	-5934 May 04 j 06:41	26° <u>W</u> 33'02	2°12'13				
min. Earth dist.	-5934 May 05 j 00:04	26° <u>W</u> 29'48	8.90679 AU	conjunction	-5928 Jan 09 j 23:13	6° <u>X</u> 37'43	-0°55'12
direct	-5934 Jul 13 j 05:28	23° <u>W</u> 13'56		minimum elong	-5928 Jan 09 j 23:10	6° <u>X</u> 37'42	0°55'33
	-5934 Oct 18 j 02:28	0° <u>Q</u>		max. Earth dist.	-5928 Jan 09 j 21:07	6° <u>X</u> 37'02	10.06815 AU
evening set	-5934 Oct 20 j 23:04	0° <u>Q</u> 20'11		morning rise	-5928 Jan 27 j 15:57	8° <u>X</u> 55'49	
				retrograde	-5928 May 14 j 17:25	17° <u>X</u> 23'31	
conjunction	-5934 Nov 06 j 12:27	2° <u>Q</u> 19'19	1°37'26	opposition	-5928 Jul 22 j 07:29	13° <u>X</u> 52'46	-1°29'28
minimum elong	-5934 Nov 06 j 12:31	2° <u>Q</u> 19'20	1°37'28	min. Earth dist.	-5928 Jul 22 j 06:52	13° <u>X</u> 52'54	8.00651 AU
max. Earth dist.	-5934 Nov 05 j 17:52	2° <u>Q</u> 13'42	10.83631 AU	direct	-5928 Sep 26 j 11:25	10° <u>X</u> 27'23	
morning rise	-5934 Nov 23 j 04:35	4° <u>Q</u> 19'24		evening set	-5927 Jan 06 j 03:30	18° <u>X</u> 33'11	
retrograde	-5933 Mar 07 j 00:58	11° <u>Q</u> 44'12					
opposition	-5933 May 16 j 21:14	8° <u>Q</u> 21'40	1°44'53	conjunction	-5927 Jan 23 j 19:07	20° <u>X</u> 52'33	-1°26'13
min. Earth dist.	-5933 May 17 j 12:40	8° <u>Q</u> 18'45	8.76223 AU	minimum elong	-5927 Jan 23 j 19:03	20° <u>X</u> 52'32	1°26'35
direct	-5933 Jul 25 j 04:51	5° <u>Q</u> 01'51		max. Earth dist.	-5927 Jan 23 j 22:42	20° <u>X</u> 53'45	9.95228 AU
evening set	-5933 Nov 01 j 20:09	12° <u>Q</u> 15'19		morning rise	-5927 Feb 10 j 15:46	23° <u>X</u> 13'37	
					-5927 Apr 14 j 00:56	0° <u>Q</u>	
conjunction	-5933 Nov 18 j 13:12	14° <u>Q</u> 17'28	1°12'39	retrograde	-5927 May 29 j 23:49	1° <u>Q</u> 50'22	
minimum elong	-5933 Nov 18 j 13:15	14° <u>Q</u> 17'28	1°12'36		-5927 Jul 15 j 15:25	30° <u>R</u> <u>X</u>	
max. Earth dist.	-5933 Nov 17 j 19:54	14° <u>Q</u> 12'09	10.68547 AU	opposition	-5927 Aug 05 j 23:35	28° <u>X</u> 18'44	-2°05'49
morning rise	-5933 Dec 05 j 09:51	16° <u>Q</u> 20'50		min. Earth dist.	-5927 Aug 05 j 18:24	28° <u>X</u> 19'48	7.90679 AU
retrograde	-5932 Mar 19 j 06:54	23° <u>Q</u> 57'43		direct	-5927 Oct 10 j 18:39	24° <u>X</u> 52'06	
opposition	-5932 May 28 j 20:03	20° <u>Q</u> 33'20	1°11'56		-5927 Dec 27 j 05:29	0° <u>Q</u>	
min. Earth dist.	-5932 May 29 j 09:28	20° <u>Q</u> 30'46	8.60538 AU	evening set	-5926 Jan 21 j 08:07	3° <u>Q</u> 07'56	
direct	-5932 Aug 05 j 09:53	17° <u>Q</u> 12'40					
evening set	-5932 Nov 13 j 03:54	24° <u>Q</u> 34'48		conjunction	-5926 Feb 08 j 03:25	5° <u>Q</u> 29'42	-1°52'26
max. Earth dist.	-5932 Nov 29 j 09:38	26° <u>Q</u> 35'30	10.52550 AU	minimum elong	-5926 Feb 08 j 03:21	5° <u>Q</u> 29'41	1°52'49
				max. Earth dist.	-5926 Feb 08 j 12:25	5° <u>Q</u> 32'43	9.86874 AU
conjunction	-5932 Nov 30 j 01:07	26° <u>Q</u> 40'19	0°43'47	morning rise	-5926 Feb 26 j 03:08	7° <u>Q</u> 52'56	
minimum elong	-5932 Nov 30 j 01:09	26° <u>Q</u> 40'20	0°43'40	retrograde	-5926 Jun 14 j 10:09	16° <u>Q</u> 35'09	
morning rise	-5932 Dec 17 j 02:54	28° <u>Q</u> 47'19		opposition	-5926 Aug 20 j 20:08	13° <u>Q</u> 03'05	-2°34'42
	-5932 Dec 27 j 04:36	0° <u>M</u>		min. Earth dist.	-5926 Aug 20 j 10:59	13° <u>Q</u> 05'00	7.84263 AU
retrograde	-5931 Apr 01 j 23:08	6° <u>M</u> 37'12		direct	-5926 Oct 25 j 10:23	9° <u>Q</u> 35'16	
opposition	-5931 Jun 11 j 03:46	3° <u>M</u> 10'59	0°34'18	evening set	-5925 Feb 05 j 22:42	17° <u>Q</u> 58'55	
min. Earth dist.	-5931 Jun 11 j 14:51	3° <u>M</u> 08'50	8.44313 AU				
	-5931 Aug 03 j 22:09	30° <u>R</u> <u>Q</u>		conjunction	-5925 Feb 23 j 20:59	20° <u>Q</u> 22'14	-2°11'38
direct	-5931 Aug 18 j 01:24	29° <u>Q</u> 49'16		minimum elong	-5925 Feb 23 j 20:56	20° <u>Q</u> 22'13	2°12'00
	-5931 Sep 01 j 02:37	0° <u>M</u>		max. Earth dist.	-5925 Feb 24 j 10:41	20° <u>Q</u> 26'50	9.82347 AU
evening set	-5931 Nov 26 j 00:20	7° <u>M</u> 21'25		morning rise	-5925 Mar 13 j 22:47	22° <u>Q</u> 46'41	
					-5925 May 20 j 02:35	0° <u>Q</u>	
conjunction	-5931 Dec 13 j 02:12	9° <u>M</u> 30'33	0°11'52	retrograde	-5925 Jun 29 j 20:08	1° <u>Q</u> 29'57	
minimum elong	-5931 Dec 13 j 02:12	9° <u>M</u> 30'33	0°11'40		-5925 Aug 09 j 21:13	30° <u>R</u> <u>Q</u>	

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Attention, astronomical year style is used: The year -5925 in astronomical counting style is the year 5926 BCE in historical counting style.

opposition	-5925 Sep 04 j 18:20	27° Z 57'57	-2°53'31	retrograde	-5919 Sep 21 j 07:22	26° Y 57'11	
min. Earth dist.	-5925 Sep 04 j 06:16	28° Z 00'29	7.81844 AU	opposition	-5919 Nov 27 j 02:47	23° Y 33'30	-1°03'25
direct	-5925 Nov 09 j 09:01	24° Z 29'06		min. Earth dist.	-5919 Nov 26 j 14:01	23° Y 36'04	8.39438 AU
	-5924 Jan 29 j 07:06	0° \approx		direct	-5918 Feb 04 j 02:04	20° Y 05'16	
evening set	-5924 Feb 21 j 19:01	2° \approx 57'25		evening set	-5918 May 21 j 08:19	27° Y 57'47	
					-5918 Jun 06 j 22:04	0° Z	
conjunction	-5924 Mar 10 j 19:37	5° \approx 21'22	-2°22'08	conjunction	-5918 Jun 08 j 04:29	0° Z 09'25	-0°35'21
minimum elong	-5924 Mar 10 j 19:36	5° \approx 21'22	2°22'27	minimum elong	-5918 Jun 08 j 04:31	0° Z 09'25	0°35'12
max. Earth dist.	-5924 Mar 11 j 12:54	5° \approx 27'09	9.81954 AU	max. Earth dist.	-5918 Jun 08 j 19:25	0° Z 14'02	10.47547 AU
morning rise	-5924 Mar 28 j 22:38	7° \approx 46'01		morning rise	-5918 Jun 25 j 19:40	2° Z 19'30	
	-5924 Jun 04 j 12:34	15° \approx		retrograde	-5918 Oct 03 j 21:45	9° Z 45'02	
retrograde	-5924 Jul 14 j 01:59	16° \approx 25'42		opposition	-5918 Dec 10 j 03:08	6° Z 23'13	-0°24'32
	-5924 Aug 22 j 21:24	15° \approx		min. Earth dist.	-5918 Dec 09 j 17:12	6° Z 25'11	8.55463 AU
opposition	-5924 Sep 18 j 15:21	12° \approx 54'13	-3°00'34	direct	-5917 Feb 17 j 20:14	2° Z 56'04	
min. Earth dist.	-5924 Sep 18 j 01:27	12° \approx 57'08	7.83525 AU	evening set	-5917 Jun 03 j 17:40	10° Z 37'36	
direct	-5924 Nov 23 j 11:42	9° \approx 24'34					
	-5923 Feb 13 j 12:44	15° \approx		conjunction	-5917 Jun 21 j 09:33	12° Z 45'46	-0°03'53
evening set	-5923 Mar 08 j 16:21	17° \approx 54'01		minimum elong	-5917 Jun 21 j 09:33	12° Z 45'45	0°03'39
				behind sun begin	-5917 Jun 21 j 02:25	12° Z 43'37	
conjunction	-5923 Mar 26 j 18:37	20° \approx 17'40	-2°23'04	behind sun end	-5917 Jun 21 j 16:41	12° Z 47'54	
minimum elong	-5923 Mar 26 j 18:38	20° \approx 17'40	2°23'20	max. Earth dist.	-5917 Jun 21 j 20:21	12° Z 49'02	10.63544 AU
max. Earth dist.	-5923 Mar 27 j 14:03	20° \approx 24'08	9.85610 AU	morning rise	-5917 Jul 08 j 20:13	14° Z 52'19	
morning rise	-5923 Apr 13 j 21:58	22° \approx 41'34			-5917 Jul 09 j 22:03	15° Z	
	-5923 Jun 22 j 13:38	0° Z		asc. node	-5917 Aug 06 j 12:27	18° Z 04'54	
retrograde	-5923 Jul 29 j 00:39	1° Z 13'28		retrograde	-5917 Oct 16 j 02:34	22° Z 05'54	
	-5923 Sep 03 j 15:37	30° \approx		opposition	-5917 Dec 22 j 18:52	18° Z 45'47	0°14'03
opposition	-5923 Oct 03 j 08:29	27° \approx 43'00	-2°55'29	min. Earth dist.	-5917 Dec 22 j 11:50	18° Z 47'08	8.71225 AU
min. Earth dist.	-5923 Oct 02 j 17:35	27° \approx 46'08	7.89043 AU	direct	-5916 Mar 02 j 03:59	15° Z 19'50	
direct	-5923 Dec 08 j 15:48	24° \approx 12'55		evening set	-5916 Jun 15 j 14:28	22° Z 50'54	
	-5922 Mar 03 j 00:26	0° Z					
evening set	-5922 Mar 24 j 10:23	2° Z 40'02		conjunction	-5916 Jul 03 j 01:33	24° Z 55'40	0°26'57
				minimum elong	-5916 Jul 03 j 01:32	24° Z 55'40	0°27'15
conjunction	-5922 Apr 11 j 13:29	5° Z 02'32	-2°14'36	max. Earth dist.	-5916 Jul 03 j 07:54	24° Z 57'34	10.78875 AU
minimum elong	-5922 Apr 11 j 13:32	5° Z 02'33	2°14'47	morning rise	-5916 Jul 20 j 07:25	26° Z 58'52	
max. Earth dist.	-5922 Apr 12 j 09:47	5° Z 09'14	9.92945 AU		-5916 Aug 16 j 14:38	0° II	
morning rise	-5922 Apr 29 j 16:13	7° Z 24'49		retrograde	-5916 Oct 26 j 23:08	4° II 02'17	
retrograde	-5922 Aug 12 j 12:32	15° Z 45'43		opposition	-5915 Jan 03 j 02:49	0° II 43'39	0°50'39
opposition	-5922 Oct 17 j 19:31	12° Z 16'41	-2°39'05	min. Earth dist.	-5915 Jan 02 j 22:16	0° II 44'32	8.86000 AU
min. Earth dist.	-5922 Oct 17 j 04:04	12° Z 19'54	7.97991 AU		-5915 Jan 12 j 17:06	30° R Z	
direct	-5922 Dec 23 j 17:05	8° Z 46'35		direct	-5915 Mar 15 j 01:41	27° Z 19'00	
evening set	-5921 Apr 08 j 21:06	17° Z 08'08			-5915 May 13 j 12:38	0° II	
				evening set	-5915 Jun 27 j 23:42	4° II 40'30	
conjunction	-5921 Apr 27 j 00:06	19° Z 28'44	-1°57'46	conjunction	-5915 Jul 15 j 05:49	6° II 42'08	0°55'41
minimum elong	-5921 Apr 27 j 00:10	19° Z 28'45	1°57'53	minimum elong	-5915 Jul 15 j 05:46	6° II 42'07	0°56'00
max. Earth dist.	-5921 Apr 27 j 20:28	19° Z 35'22	10.03509 AU	max. Earth dist.	-5915 Jul 15 j 08:48	6° II 43'01	10.92881 AU
morning rise	-5921 May 15 j 01:17	21° Z 48'39		morning rise	-5915 Aug 01 j 06:39	8° II 42'15	
retrograde	-5921 Aug 26 j 13:38	29° Z 56'20		retrograde	-5915 Nov 07 j 13:50	15° II 37'33	
opposition	-5921 Oct 31 j 22:55	26° Z 28'58	-2°13'15	opposition	-5914 Jan 15 j 04:35	12° II 20'10	1°24'01
min. Earth dist.	-5921 Oct 31 j 07:15	26° Z 32'12	8.09866 AU	min. Earth dist.	-5914 Jan 15 j 02:50	12° II 20'30	8.99186 AU
direct	-5920 Jan 07 j 12:21	22° Z 59'12		direct	-5914 Mar 27 j 14:52	8° II 56'49	
	-5920 Apr 13 j 02:48	0° Y		evening set	-5914 Jul 09 j 22:38	16° II 09'54	
evening set	-5920 Apr 22 j 21:19	1° Y 12'32					
				conjunction	-5914 Jul 26 j 23:45	18° II 08'44	1°21'26
conjunction	-5920 May 10 j 23:12	3° Y 30'34	-1°34'16	minimum elong	-5914 Jul 26 j 23:42	18° II 08'43	1°21'47
minimum elong	-5920 May 10 j 23:16	3° Y 30'35	1°34'17	max. Earth dist.	-5914 Jul 26 j 23:33	18° II 08'41	11.05024 AU
max. Earth dist.	-5920 May 11 j 18:55	3° Y 36'53	10.16680 AU	morning rise	-5914 Aug 12 j 19:46	20° II 06'09	
morning rise	-5920 May 28 j 21:54	5° Y 47'32		retrograde	-5914 Nov 18 j 23:46	26° II 55'23	
retrograde	-5920 Sep 08 j 04:06	13° Y 40'54		opposition	-5913 Jan 27 j 01:18	23° II 39'01	1°53'11
opposition	-5920 Nov 13 j 17:29	10° Y 15'20	-1°40'29	min. Earth dist.	-5913 Jan 27 j 03:12	23° II 38'40	9.10306 AU
min. Earth dist.	-5920 Nov 13 j 02:37	10° Y 18'22	8.23958 AU	direct	-5913 Apr 08 j 18:20	20° II 16'54	
direct	-5919 Jan 20 j 23:43	6° Y 46'13		evening set	-5913 Jul 21 j 13:10	27° II 22'58	
evening set	-5919 May 07 j 09:25	14° Y 49'34					
				conjunction	-5913 Aug 07 j 09:27	29° II 19'25	1°43'32
conjunction	-5919 May 25 j 09:01	17° Y 04'33	-1°06'07	minimum elong	-5913 Aug 07 j 09:24	29° II 19'25	1°43'53
minimum elong	-5919 May 25 j 09:04	17° Y 04'34	1°06'02	max. Earth dist.	-5913 Aug 07 j 05:01	29° II 18'08	11.14893 AU
max. Earth dist.	-5919 May 26 j 03:02	17° Y 10'14	10.31646 AU				
morning rise	-5919 Jun 12 j 04:18	19° Y 18'10					

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

	-5913 Aug 13 j 05:22	0°♊		max. Earth dist.	-5907 Oct 09 j 05:36	4°♎31'00	11.14934 AU
morning rise	-5913 Aug 24 j 01:16	1°♊14'39		morning rise	-5907 Oct 26 j 07:46	6°♎30'14	
retrograde	-5913 Nov 30 j 04:37	7°♊59'48		retrograde	-5906 Feb 04 j 19:56	13°♎30'24	
opposition	-5912 Feb 07 j 18:04	4°♊44'10	2°17'29	opposition	-5906 Apr 16 j 21:19	10°♎12'31	2°40'38
min. Earth dist.	-5912 Feb 07 j 23:33	4°♊43'09	9.18987 AU	min. Earth dist.	-5906 Apr 17 j 13:12	10°♎09'36	9.10441 AU
direct	-5912 Apr 19 j 16:06	1°♊23'11		direct	-5906 Jun 26 j 15:16	6°♎54'43	
evening set	-5912 Jul 31 j 20:48	8°♊23'42		evening set	-5906 Oct 04 j 18:22	13°♎52'30	
				max. Earth dist.	-5906 Oct 20 j 09:13	15°♎42'27	11.05031 AU
conjunction	-5912 Aug 17 j 12:46	10°♊18'16	2°01'26				
minimum elong	-5912 Aug 17 j 12:44	10°♊18'15	2°01'47	conjunction	-5906 Oct 21 j 03:43	15°♎47'55	2°04'46
max. Earth dist.	-5912 Aug 17 j 04:16	10°♊15'49	11.22178 AU	minimum elong	-5906 Oct 21 j 03:46	15°♎47'56	2°04'53
morning rise	-5912 Sep 03 j 01:06	12°♊11'49		morning rise	-5906 Nov 06 j 14:27	17°♎43'51	
retrograde	-5912 Dec 10 j 09:43	18°♊54'55		retrograde	-5905 Feb 17 j 00:33	24°♎52'26	
opposition	-5911 Feb 18 j 08:33	15°♊39'42	2°36'25	opposition	-5905 Apr 29 j 01:35	21°♎33'08	2°22'21
min. Earth dist.	-5911 Feb 18 j 16:28	15°♊38'15	9.24939 AU	min. Earth dist.	-5905 Apr 29 j 17:50	21°♎30'08	8.99265 AU
direct	-5911 May 01 j 09:52	12°♊19'45		direct	-5905 Jul 08 j 05:54	18°♎15'01	
evening set	-5911 Aug 11 j 23:04	19°♊16'08		evening set	-5905 Oct 16 j 02:59	25°♎17'32	
conjunction	-5911 Aug 28 j 11:35	21°♊09'23	2°14'44	conjunction	-5905 Nov 01 j 14:37	27°♎15'09	1°47'02
minimum elong	-5911 Aug 28 j 11:33	21°♊09'22	2°15'05	minimum elong	-5905 Nov 01 j 14:40	27°♎15'10	1°47'05
max. Earth dist.	-5911 Aug 28 j 00:47	21°♊06'16	11.26641 AU	max. Earth dist.	-5905 Oct 31 j 19:17	27°♎09'22	10.92794 AU
morning rise	-5911 Sep 13 j 21:02	23°♊01'49		morning rise	-5905 Nov 18 j 04:49	29°♎13'35	
retrograde	-5911 Dec 21 j 14:44	29°♊44'46			-5905 Nov 24 j 20:44	0°♏	
opposition	-5910 Mar 01 j 22:08	26°♊29'39	2°49'38	retrograde	-5904 Feb 29 j 13:54	6°♏32'05	
min. Earth dist.	-5910 Mar 02 j 08:01	26°♊27'51	9.27974 AU	opposition	-5904 May 10 j 12:15	3°♏11'09	1°57'50
direct	-5910 May 12 j 22:14	23°♊10'35		min. Earth dist.	-5904 May 11 j 04:43	3°♏08'04	8.85919 AU
evening set	-5910 Aug 22 j 21:58	0°♏04'18			-5904 Jul 06 j 20:30	30°♏♎	
	-5910 Aug 22 j 06:39	0°♏		direct	-5904 Jul 19 j 02:02	29°♎52'25	
					-5904 Jul 31 j 05:59	0°♏	
conjunction	-5910 Sep 08 j 07:53	1°♏56'48	2°23'09	evening set	-5904 Oct 26 j 19:09	7°♏01'16	
minimum elong	-5910 Sep 08 j 07:52	1°♏56'47	2°23'30				
max. Earth dist.	-5910 Sep 07 j 18:57	1°♏53'04	11.28148 AU	conjunction	-5904 Nov 12 j 10:06	9°♏01'36	1°24'23
morning rise	-5910 Sep 24 j 15:24	3°♏48'42		minimum elong	-5904 Nov 12 j 10:09	9°♏01'37	1°24'22
retrograde	-5909 Jan 01 j 22:39	10°♏33'20		max. Earth dist.	-5904 Nov 11 j 15:32	8°♏55'57	10.78591 AU
opposition	-5909 Mar 13 j 12:06	7°♏18'01	2°56'51	morning rise	-5904 Nov 29 j 04:31	11°♏03'03	
min. Earth dist.	-5909 Mar 14 j 00:42	7°♏15'44	9.28005 AU	retrograde	-5903 Mar 13 j 12:34	18°♏32'55	
direct	-5909 May 24 j 08:11	3°♏59'37		opposition	-5903 May 23 j 06:33	15°♏10'10	1°27'28
evening set	-5909 Sep 02 j 19:11	10°♏52'09		min. Earth dist.	-5903 May 23 j 21:56	15°♏07'15	8.70840 AU
max. Earth dist.	-5909 Sep 18 j 11:19	12°♏39'52	11.26661 AU	direct	-5903 Jul 31 j 04:44	11°♏50'37	
				evening set	-5903 Nov 07 j 20:53	19°♏07'22	
conjunction	-5909 Sep 19 j 03:18	12°♏44'28	2°26'29				
minimum elong	-5909 Sep 19 j 03:18	12°♏44'28	2°26'47	conjunction	-5903 Nov 24 j 15:58	21°♏10'55	0°57'22
morning rise	-5909 Oct 05 j 10:07	14°♏36'29		minimum elong	-5903 Nov 24 j 16:01	21°♏10'55	0°57'16
	-5909 Oct 08 j 21:48	15°♏		max. Earth dist.	-5903 Nov 23 j 23:37	21°♏05'52	10.62919 AU
retrograde	-5908 Jan 13 j 06:49	21°♏24'34		morning rise	-5903 Dec 11 j 15:07	23°♏15'48	
opposition	-5908 Mar 24 j 03:48	18°♏08'43	2°57'51		-5902 Feb 20 j 14:17	0°♎	
min. Earth dist.	-5908 Mar 24 j 18:46	18°♏06'00	9.25023 AU	retrograde	-5902 Mar 26 j 23:05	0°♎58'16	
	-5908 May 20 j 17:36	15°♏♎			-5902 Apr 30 j 20:59	30°♏♏	
direct	-5908 Jun 03 j 16:17	14°♏50'45		opposition	-5902 Jun 05 j 09:10	27°♏33'36	0°51'57
	-5908 Jun 17 j 14:47	15°♏		min. Earth dist.	-5902 Jun 05 j 22:01	27°♏31'07	8.54643 AU
evening set	-5908 Sep 12 j 16:26	21°♏43'36		direct	-5902 Aug 12 j 16:06	24°♏13'02	
					-5902 Nov 06 j 15:43	0°♎	
conjunction	-5908 Sep 28 j 23:49	23°♏36'20	2°24'34	evening set	-5902 Nov 20 j 10:30	1°♎39'08	
minimum elong	-5908 Sep 28 j 23:50	23°♏36'20	2°24'48				
max. Earth dist.	-5908 Sep 28 j 06:04	23°♏31'11	11.22214 AU	conjunction	-5902 Dec 07 j 10:07	3°♎46'13	0°26'48
morning rise	-5908 Oct 15 j 06:56	25°♏29'02		minimum elong	-5902 Dec 07 j 10:08	3°♎46'14	0°26'37
	-5908 Nov 29 j 08:14	0°♎		max. Earth dist.	-5902 Dec 06 j 20:22	3°♎41'55	10.46493 AU
retrograde	-5907 Jan 23 j 22:05	2°♎22'20		morning rise	-5902 Dec 24 j 14:22	5°♎54'52	
	-5907 Mar 23 j 07:41	30°♏♎		retrograde	-5901 Apr 09 j 22:16	13°♎50'32	
opposition	-5907 Apr 04 j 22:26	29°♏05'37	2°52'28	opposition	-5901 Jun 18 j 20:32	10°♎23'57	0°12'31
min. Earth dist.	-5907 Apr 05 j 14:21	29°♏02'43	9.19110 AU	min. Earth dist.	-5901 Jun 19 j 06:14	10°♎22'04	8.38138 AU
direct	-5907 Jun 15 j 04:01	25°♏47'51		direct	-5901 Aug 25 j 10:12	7°♎02'09	
	-5907 Aug 29 j 15:54	0°♎		desc. node	-5901 Oct 11 j 20:46	9°♎00'55	
evening set	-5907 Sep 23 j 15:31	2°♎42'26		evening set	-5901 Dec 03 j 13:23	14°♎38'50	
					-5901 Dec 06 j 08:54	15°♎	
conjunction	-5907 Oct 09 j 23:26	4°♎36'13	2°17'20				
minimum elong	-5907 Oct 09 j 23:28	4°♎36'14	2°17'30	conjunction	-5901 Dec 20 j 17:38	16°♎49'35	-0°06'12

Attention, astronomical year style is used: The year -5901 in astronomical counting style is the year 5902 BCE in historical counting style.

minimum elong	-5901 Dec 20 j 17:38	16° 16 49'35	0°06'27	
behind sun begin	-5901 Dec 20 j 10:54	16° 16 47'27		
behind sun end	-5901 Dec 21 j 00:22	16° 16 51'42		
max. Earth dist.	-5901 Dec 20 j 06:48	16° 16 46'08	10.30172 AU	
morning rise	-5900 Jan 07 j 03:09	19° 16 02'05		
retrograde	-5900 Apr 23 j 07:12	27° 16 10'58		
opposition	-5900 Jul 01 j 17:05	23° 16 42'34	-0°29'10	
min. Earth dist.	-5900 Jul 01 j 23:23	23° 16 41'19	8.22223 AU	
direct	-5900 Sep 06 j 15:01	20° 16 19'21		
evening set	-5900 Dec 16 j 06:26	28° 16 07'22		
	-5900 Dec 30 j 20:24	0° 16		
conjunction	-5899 Jan 02 j 15:21	0° 17 21'43	-0°39'48	
minimum elong	-5899 Jan 02 j 15:19	0° 17 21'43	0°40'07	
max. Earth dist.	-5899 Jan 02 j 08:29	0° 17 19'30	10.14869 AU	
morning rise	-5899 Jan 20 j 05:53	2° 17 37'56		
retrograde	-5899 May 08 j 01:27	10° 17 59'12		
opposition	-5899 Jul 15 j 22:08	7° 17 29'10	-1°10'45	
min. Earth dist.	-5899 Jul 16 j 00:59	7° 17 28'36	8.07823 AU	
direct	-5899 Sep 20 j 07:25	4° 17 04'28		
evening set	-5899 Dec 30 j 14:16	12° 17 03'59		