



































































































































Planetary Phenomena of Venus from -4400 through -3898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 1

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4400 Nov 04 j 15:10	10° Ω 51'44	0°14'26	evening set	-4397 Mar 25 j 02:54	6° \mathcal{H} 43'22	
minimum elong	-4400 Nov 04 j 19:06	11° Ω 04'05	0°14'13	inferior conj	-4397 Mar 29 j 21:54	3° \mathcal{H} 46'02	6°01'29
behind sun begin	-4400 Nov 04 j 05:26	10° Ω 21'09		minimum elong	-4397 Mar 30 j 06:49	3° \mathcal{H} 31'55	5°59'41
behind sun end	-4400 Nov 05 j 08:46	11° Ω 47'02		min. Earth dist.	-4397 Mar 30 j 11:54	3° \mathcal{H} 23'54	0.29341 AU
max. Earth dist.	-4400 Nov 09 j 09:04	16° Ω 49'17	1.71218 AU	morning rise	-4397 Apr 04 j 10:40	0° \mathcal{H} 22'42	
desc. node	-4400 Nov 10 j 20:16	18° Ω 39'42			-4397 Apr 05 j 02:42	30° \mathcal{R} \approx	
	-4400 Nov 19 j 21:29	0° \mathcal{M}		direct	-4397 Apr 20 j 18:16	25° \approx 18'58	
	-4400 Dec 13 j 22:23	0° \mathcal{J}		desc. node	-4397 Apr 28 j 14:52	26° \approx 27'08	
evening rise	-4400 Dec 16 j 21:50	3° \mathcal{J} 42'07		greatest brilliancy	-4397 May 01 j 05:23	27° \approx 17'12	-4.7m
	-4399 Jan 07 j 02:53	0° \mathcal{Z}			-4397 May 07 j 08:33	0° \mathcal{H}	
	-4399 Jan 31 j 11:56	0° \approx		morning max el	-4397 Jun 08 j 20:50	25° \mathcal{H} 26'24	45°58'51
	-4399 Feb 25 j 03:31	0° \mathcal{H}			-4397 Jun 13 j 12:48	0° \mathcal{Y}	
asc. node	-4399 Mar 03 j 14:05	7° \mathcal{H} 46'11			-4397 Jul 11 j 16:50	0° \mathcal{B}	
	-4399 Mar 22 j 04:35	0° \mathcal{Y}			-4397 Aug 06 j 14:46	0° \mathcal{I}	
	-4399 Apr 16 j 19:38	0° \mathcal{B}		asc. node	-4397 Aug 19 j 11:25	15° \mathcal{I} 25'59	
	-4399 May 13 j 09:42	0° \mathcal{I}			-4397 Aug 31 j 09:56	0° \mathcal{G}	
	-4399 Jun 11 j 01:55	0° \mathcal{G}			-4397 Sep 24 j 14:33	0° \mathcal{Q}	
evening max el	-4399 Jun 12 j 23:09	1° \mathcal{G} 49'43	46°05'47		-4397 Oct 18 j 12:42	0° \mathcal{M}	
desc. node	-4399 Jun 23 j 11:39	11° \mathcal{G} 32'49			-4397 Nov 11 j 09:59	0° \mathcal{L}	
	-4399 Jul 20 j 11:23	0° \mathcal{Q}			-4397 Dec 05 j 09:29	0° \mathcal{M}	
greatest brilliancy	-4399 Jul 23 j 09:01	1° \mathcal{Q} 03'58	-4.8m	desc. node	-4397 Dec 09 j 08:40	4° \mathcal{M} 56'42	
retrograde	-4399 Aug 01 j 13:26	2° \mathcal{Q} 37'01		morning set	-4397 Dec 11 j 10:37	7° \mathcal{M} 32'18	
	-4399 Aug 13 j 01:39	30° \mathcal{R} \mathcal{G}			-4397 Dec 29 j 12:07	0° \mathcal{J}	
evening set	-4399 Aug 19 j 12:25	26° \mathcal{G} 37'05					
inferior conj	-4399 Aug 22 j 07:55	24° \mathcal{G} 56'22	-8°57'14	superior conj	-4396 Jan 21 j 09:51	28° \mathcal{J} 22'07	-1°17'40
minimum elong	-4399 Aug 22 j 09:32	24° \mathcal{G} 53'56	8°57'01	minimum elong	-4396 Jan 21 j 02:46	28° \mathcal{J} 00'13	1°17'45
min. Earth dist.	-4399 Aug 22 j 16:31	24° \mathcal{G} 43'24	0.26978 AU		-4396 Jan 22 j 17:32	0° \mathcal{Z}	
morning rise	-4399 Aug 25 j 06:33	23° \mathcal{G} 10'53		max. Earth dist.	-4396 Jan 24 j 12:58	2° \mathcal{Z} 14'11	1.72854 AU
direct	-4399 Sep 11 j 23:17	17° \mathcal{G} 13'51			-4396 Feb 16 j 01:18	0° \approx	
greatest brilliancy	-4399 Sep 22 j 18:03	19° \mathcal{G} 25'57	-4.9m	evening rise	-4396 Feb 28 j 16:12	15° \approx 31'07	
	-4399 Oct 10 j 03:17	0° \mathcal{Q}		greatest brilliancy	-4396 Mar 05 j 10:09	22° \approx 34'28	-3.9m
asc. node	-4399 Oct 14 j 07:55	3° \mathcal{Q} 25'22			-4396 Mar 11 j 11:32	0° \mathcal{H}	
morning max el	-4399 Nov 01 j 20:08	20° \mathcal{Q} 55'54	46°51'10	asc. node	-4396 Mar 31 j 02:23	23° \mathcal{H} 59'23	
	-4399 Nov 10 j 11:16	0° \mathcal{M}			-4396 Apr 05 j 00:41	0° \mathcal{Y}	
	-4399 Dec 07 j 04:58	0° \mathcal{L}			-4396 Apr 29 j 17:27	0° \mathcal{B}	
	-4398 Jan 01 j 18:51	0° \mathcal{M}			-4396 May 24 j 14:54	0° \mathcal{I}	
	-4398 Jan 26 j 23:22	0° \mathcal{J}			-4396 Jun 18 j 19:28	0° \mathcal{G}	
desc. node	-4398 Feb 03 j 06:50	8° \mathcal{J} 44'56			-4396 Jul 14 j 12:45	0° \mathcal{Q}	
	-4398 Feb 20 j 23:43	0° \mathcal{Z}		desc. node	-4396 Jul 20 j 23:18	7° \mathcal{Q} 21'20	
	-4398 Mar 17 j 20:48	0° \approx			-4396 Aug 10 j 08:52	0° \mathcal{M}	
	-4398 Apr 11 j 14:15	0° \mathcal{H}		evening max el	-4396 Aug 25 j 20:02	16° \mathcal{M} 08'34	47°28'27
morning set	-4398 May 04 j 00:03	27° \mathcal{H} 22'07			-4396 Sep 09 j 11:42	0° \mathcal{L}	
	-4398 May 06 j 03:35	0° \mathcal{Y}		greatest brilliancy	-4396 Oct 05 j 19:53	17° \mathcal{L} 28'15	-4.9m
asc. node	-4398 May 27 j 01:10	25° \mathcal{Y} 42'58		retrograde	-4396 Oct 15 j 14:07	19° \mathcal{L} 17'07	
	-4398 May 30 j 12:26	0° \mathcal{B}		evening set	-4396 Oct 30 j 05:53	14° \mathcal{L} 57'50	
max. Earth dist.	-4398 Jun 04 j 18:28	6° \mathcal{B} 29'37	1.72915 AU	min. Earth dist.	-4396 Nov 04 j 16:11	11° \mathcal{L} 44'02	0.26520 AU
				inferior conj	-4396 Nov 05 j 03:58	11° \mathcal{L} 25'47	-1°26'17
superior conj	-4398 Jun 08 j 20:45	11° \mathcal{B} 33'54	0°29'30	minimum elong	-4396 Nov 05 j 07:09	11° \mathcal{L} 20'52	1°25'18
minimum elong	-4398 Jun 08 j 15:12	11° \mathcal{B} 16'43	0°29'24	asc. node	-4396 Nov 10 j 19:16	8° \mathcal{L} 05'05	
	-4398 Jun 23 j 17:02	0° \mathcal{I}		morning rise	-4396 Nov 11 j 09:03	7° \mathcal{L} 46'31	
evening rise	-4398 Jul 14 j 23:14	26° \mathcal{I} 30'09		direct	-4396 Nov 25 j 10:28	3° \mathcal{L} 48'28	
	-4398 Jul 17 j 18:26	0° \mathcal{G}		greatest brilliancy	-4396 Dec 05 j 00:25	5° \mathcal{L} 33'41	-4.9m
	-4398 Aug 10 j 18:27	0° \mathcal{Q}			-4395 Jan 08 j 06:04	0° \mathcal{M}	
	-4398 Sep 03 j 19:12	0° \mathcal{M}		morning max el	-4395 Jan 14 j 04:49	5° \mathcal{M} 44'16	46°21'51
desc. node	-4398 Sep 15 j 21:29	15° \mathcal{M} 03'19			-4395 Feb 06 j 12:06	0° \mathcal{J}	
	-4398 Sep 27 j 22:35	0° \mathcal{L}		desc. node	-4395 Mar 02 j 18:28	27° \mathcal{J} 00'13	
	-4398 Oct 22 j 06:40	0° \mathcal{M}			-4395 Mar 05 j 09:42	0° \mathcal{Z}	
	-4398 Nov 15 j 23:01	0° \mathcal{J}			-4395 Mar 31 j 08:41	0° \approx	
	-4398 Dec 11 j 07:59	0° \mathcal{Z}			-4395 Apr 25 j 18:03	0° \mathcal{H}	
asc. node	-4397 Jan 06 j 16:09	29° \mathcal{Z} 20'04			-4395 May 20 j 16:54	0° \mathcal{Y}	
	-4397 Jan 07 j 07:15	0° \approx			-4395 Jun 14 j 06:37	0° \mathcal{B}	
evening max el	-4397 Jan 18 j 12:58	11° \approx 29'00	45°42'27	asc. node	-4395 Jun 23 j 13:32	11° \mathcal{B} 27'08	
	-4397 Feb 08 j 13:38	0° \mathcal{H}			-4395 Jul 08 j 12:17	0° \mathcal{I}	
greatest brilliancy	-4397 Feb 25 j 15:25	9° \mathcal{H} 55'58	-4.7m	morning set	-4395 Jul 10 j 15:37	2° \mathcal{I} 39'56	
retrograde	-4397 Mar 08 j 11:17	12° \mathcal{H} 03'10			-4395 Aug 01 j 11:44	0° \mathcal{G}	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4395 Aug 14 j 22:39	16°  55'46	1.71207 AU	minimum elong	-4392 Jan 17 j 02:42	24°  39'04	7°32'18
				morning rise	-4392 Jan 21 j 06:41	22°  01'49	
superior conj	-4395 Aug 17 j 09:57	20°  02'30	1°23'53	direct	-4392 Feb 07 j 11:19	16°  16'29	
minimum elong	-4395 Aug 17 j 09:29	20°  01'04	1°24'05	greatest brilliancy	-4392 Feb 16 j 08:42	17°  44'00	-4.8m
	-4395 Aug 25 j 07:35	0°  Ω			-4392 Mar 08 j 17:42	0°  Ξ	
	-4395 Sep 18 j 02:44	0°  ⌚		morning max el	-4392 Mar 27 j 06:34	16°  Ξ08'34	45°51'51
evening rise	-4395 Sep 26 j 16:00	10°  ⌚45'51		desc. node	-4392 Mar 30 j 05:46	18°  Ξ59'44	
	-4395 Oct 11 j 23:29	0°  Ω			-4392 Apr 10 j 05:12	0°  ≈	
desc. node	-4395 Oct 13 j 09:54	1°  Ω47'56			-4392 May 07 j 23:58	0°  ⌚	
	-4395 Nov 04 j 23:13	0°  ⌚			-4392 Jun 03 j 03:43	0°  Υ	
	-4395 Nov 29 j 02:56	0°  ⌚			-4392 Jun 28 j 09:12	0°  ⌚	
	-4395 Dec 23 j 12:39	0°  Ξ		asc. node	-4392 Jul 21 j 01:39	27°  ⌚40'00	
	-4394 Jan 17 j 08:41	0°  ≈			-4392 Jul 22 j 23:05	0°  ⌚	
asc. node	-4394 Feb 03 j 04:02	19°  ≈49'31			-4392 Aug 16 j 01:56	0°  Ω	
	-4394 Feb 11 j 23:17	0°  ⌚		greatest brilliancy	-4392 Aug 30 j 07:51	17°  Ω53'49	-3.9m
	-4394 Mar 11 j 01:39	0°  Υ			-4392 Sep 08 j 22:10	0°  Ω	
evening max el	-4394 Mar 30 j 07:52	19°  Υ26'17	45°06'37	morning set	-4392 Sep 21 j 13:04	15°  Ω56'26	
	-4394 Apr 11 j 01:36	0°  ⌚			-4392 Oct 02 j 16:06	0°  ⌚	
greatest brilliancy	-4394 May 07 j 03:51	16°  ⌚37'07	-4.7m		-4392 Oct 26 j 10:58	0°  Ω	
retrograde	-4394 May 17 j 13:22	18°  ⌚32'50					
desc. node	-4394 May 26 j 02:20	17°  ⌚08'02		superior conj	-4392 Nov 01 j 23:37	8°  Ω12'38	0°18'24
evening set	-4394 Jun 01 j 10:36	14°  ⌚22'38		minimum elong	-4392 Nov 02 j 04:36	8°  Ω28'17	0°18'09
inferior conj	-4394 Jun 07 j 20:46	10°  ⌚38'37	-2°56'55	max. Earth dist.	-4392 Nov 06 j 15:45	14°  Ω04'50	1.71177 AU
minimum elong	-4394 Jun 07 j 14:27	10°  ⌚48'15	2°55'01	desc. node	-4392 Nov 09 j 22:28	18°  Ω11'49	
min. Earth dist.	-4394 Jun 08 j 09:00	10°  ⌚19'56	0.28278 AU		-4392 Nov 19 j 08:33	0°  ⌚	
morning rise	-4394 Jun 13 j 17:28	7°  ⌚10'12			-4392 Dec 13 j 09:26	0°  ⌚	
direct	-4394 Jun 29 j 08:58	2°  ⌚30'31		evening rise	-4392 Dec 14 j 08:28	1°  ⌚11'39	
greatest brilliancy	-4394 Jul 10 j 14:16	4°  ⌚46'03	-4.8m		-4391 Jan 06 j 13:58	0°  Ξ	
	-4394 Aug 14 j 01:24	0°  ⌚			-4391 Jan 30 j 23:09	0°  ≈	
morning max el	-4394 Aug 18 j 09:26	4°  ⌚15'08	46°34'36		-4391 Feb 24 j 15:04	0°  ⌚	
	-4394 Sep 11 j 10:35	0°  Ω		asc. node	-4391 Mar 02 j 16:08	7°  ⌚17'09	
asc. node	-4394 Sep 15 j 22:51	5°  Ω07'32			-4391 Mar 21 j 16:48	0°  Υ	
	-4394 Oct 07 j 03:29	0°  Ω			-4391 Apr 16 j 09:08	0°  ⌚	
	-4394 Oct 31 j 20:28	0°  ⌚			-4391 May 13 j 01:50	0°  ⌚	
	-4394 Nov 25 j 05:07	0°  Ω		evening max el	-4391 Jun 10 j 13:31	29°  ⌚31'52	46°02'45
	-4394 Dec 19 j 12:43	0°  ⌚			-4391 Jun 11 j 01:13	0°  Ω	
desc. node	-4393 Jan 05 j 20:58	21°  ⌚21'12		desc. node	-4391 Jun 22 j 13:51	10°  Ω31'44	
	-4393 Jan 12 j 21:49	0°  ⌚		greatest brilliancy	-4391 Jul 20 j 19:30	28°  Ω37'25	-4.8m
	-4393 Feb 06 j 08:25	0°  Ξ			-4391 Jul 26 j 21:53	0°  Ω	
morning set	-4393 Feb 23 j 05:11	20°  Ξ40'43		retrograde	-4391 Jul 30 j 01:55	0°  Ω11'32	
	-4393 Mar 02 j 19:40	0°  ≈			-4391 Aug 02 j 04:43	30°  ⌚	
	-4393 Mar 27 j 06:49	0°  ⌚		evening set	-4391 Aug 17 j 00:14	24°  Ω12'25	
max. Earth dist.	-4393 Mar 30 j 22:38	4°  ⌚29'23	1.73739 AU	inferior conj	-4391 Aug 19 j 20:22	22°  Ω30'36	-8°57'56
				minimum elong	-4391 Aug 19 j 21:01	22°  Ω29'38	8°57'44
superior conj	-4393 Apr 01 j 00:08	5°  ⌚47'37	-0°58'18	min. Earth dist.	-4391 Aug 20 j 04:24	22°  Ω18'29	0.27021 AU
minimum elong	-4393 Apr 01 j 08:40	6°  ⌚13'45	0°58'07	morning rise	-4391 Aug 22 j 17:43	20°  Ω46'57	
	-4393 Apr 20 j 17:22	0°  Υ		direct	-4391 Sep 09 j 13:11	14°  Ω47'40	
asc. node	-4393 Apr 28 j 14:54	9°  Υ42'18		greatest brilliancy	-4391 Sep 20 j 06:54	16°  Ω58'54	-4.9m
evening rise	-4393 May 06 j 21:40	19°  Υ53'07			-4391 Oct 10 j 17:24	0°  Ω	
	-4393 May 15 j 03:02	0°  ⌚		asc. node	-4391 Oct 13 j 10:10	2°  Ω17'19	
	-4393 Jun 08 j 11:58	0°  ⌚		morning max el	-4391 Oct 30 j 10:00	18°  Ω30'21	46°51'19
	-4393 Jul 02 j 20:58	0°  Ω			-4391 Nov 10 j 06:58	0°  ⌚	
	-4393 Jul 27 j 07:50	0°  Ω			-4391 Dec 06 j 20:26	0°  Ω	
desc. node	-4393 Aug 18 j 11:17	26°  Ω58'30			-4390 Jan 01 j 08:24	0°  ⌚	
	-4393 Aug 20 j 23:12	0°  ⌚			-4390 Jan 26 j 11:50	0°  ⌚	
	-4393 Sep 14 j 23:12	0°  Ω		desc. node	-4390 Feb 02 j 08:53	8°  ⌚14'27	
	-4393 Oct 10 j 16:43	0°  ⌚			-4390 Feb 20 j 11:28	0°  Ξ	
evening max el	-4393 Nov 06 j 05:54	28°  ⌚56'00	47°12'12		-4390 Mar 17 j 08:05	0°  ≈	
	-4393 Nov 07 j 07:01	0°  ⌚			-4390 Apr 11 j 01:14	0°  ⌚	
asc. node	-4393 Dec 09 j 06:45	27°  ⌚02'14		morning set	-4390 May 01 j 19:06	25°  ⌚20'20	
	-4393 Dec 15 j 00:55	0°  Ξ			-4390 May 05 j 14:23	0°  Υ	
greatest brilliancy	-4393 Dec 16 j 08:59	0°  Ξ33'25	-4.9m	asc. node	-4390 May 26 j 03:23	25°  Υ16'36	
retrograde	-4393 Dec 27 j 05:39	2°  Ξ49'11			-4390 May 29 j 23:12	0°  ⌚	
	-4392 Jan 07 j 21:17	30°  ⌚⌚		max. Earth dist.	-4390 Jun 02 j 12:33	4°  ⌚23'45	1.72965 AU
evening set	-4392 Jan 12 j 23:07	27°  ⌚15'01					
min. Earth dist.	-4392 Jan 16 j 12:59	25°  ⌚00'59	0.28470 AU	superior conj	-4390 Jun 06 j 15:15	9°  ⌚29'11	0°26'35
inferior conj	-4392 Jan 17 j 09:53	24°  ⌚27'34	7°33'25	minimum elong	-4390 Jun 06 j 10:13	9°  ⌚13'34	0°26'28

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4390 Jun 23 j 03:52	0°♐		greatest brilliancy	-4388 Dec 02 j 14:59	3°♌08'21	-4.9m
evening rise	-4390 Jul 12 j 16:12	24°♐19'00			-4387 Jan 08 j 07:32	0°♌	
	-4390 Jul 17 j 05:25	0°♌		morning max el	-4387 Jan 11 j 17:33	3°♌19'54	46°23'11
	-4390 Aug 10 j 05:39	0°♍			-4387 Feb 06 j 05:08	0°♌	
	-4390 Sep 03 j 06:40	0°♎		desc. node	-4387 Mar 01 j 20:34	26°♌25'26	
desc. node	-4390 Sep 14 j 23:34	14°♎33'34			-4387 Mar 04 j 23:49	0°♌	
	-4390 Sep 27 j 10:25	0°♎			-4387 Mar 30 j 21:21	0°♌	
	-4390 Oct 21 j 19:00	0°♏			-4387 Apr 25 j 05:53	0°♌	
	-4390 Nov 15 j 12:09	0°♏			-4387 May 20 j 04:17	0°♏	
	-4390 Dec 10 j 22:39	0°♏			-4387 Jun 13 j 17:45	0°♏	
asc. node	-4389 Jan 05 j 18:18	28°♏37'20		asc. node	-4387 Jun 22 j 15:36	10°♏59'17	
	-4389 Jan 07 j 01:49	0°♏			-4387 Jul 07 j 23:20	0°♐	
evening max el	-4389 Jan 16 j 04:44	9°♏16'34	45°45'06	morning set	-4387 Jul 08 j 07:50	0°♐26'26	
	-4389 Feb 09 j 04:56	0°♏			-4387 Jul 31 j 22:48	0°♌	
greatest brilliancy	-4389 Feb 23 j 08:53	7°♏49'49	-4.7m	max. Earth dist.	-4387 Aug 12 j 08:56	14°♌22'01	1.71257 AU
retrograde	-4389 Mar 06 j 03:58	9°♏56'27					
evening set	-4389 Mar 22 j 22:23	4°♏33'03		superior conj	-4387 Aug 14 j 23:48	17°♌39'56	1°23'43
inferior conj	-4389 Mar 27 j 14:57	1°♏38'52	6°13'56	minimum elong	-4387 Aug 14 j 22:30	17°♌35'51	1°23'55
minimum elong	-4389 Mar 27 j 23:47	1°♏24'52	6°12'14		-4387 Aug 24 j 18:44	0°♍	
min. Earth dist.	-4389 Mar 28 j 04:15	1°♏17'46	0.29352 AU		-4387 Sep 17 j 14:00	0°♎	
	-4389 Mar 30 j 05:45	30°♏		evening rise	-4387 Sep 24 j 01:36	8°♎09'32	
morning rise	-4389 Apr 02 j 01:08	28°♏18'44			-4387 Oct 11 j 10:53	0°♎	
direct	-4389 Apr 18 j 11:15	23°♏11'48		desc. node	-4387 Oct 12 j 12:07	1°♎19'08	
desc. node	-4389 Apr 27 j 17:06	24°♏44'49			-4387 Nov 04 j 10:43	0°♏	
greatest brilliancy	-4389 Apr 28 j 20:40	25°♏08'15	-4.7m		-4387 Nov 28 j 14:36	0°♏	
	-4389 May 08 j 20:13	0°♏			-4387 Dec 23 j 00:38	0°♏	
morning max el	-4389 Jun 06 j 12:20	23°♏15'01	45°57'51		-4386 Jan 16 j 21:19	0°♏	
	-4389 Jun 13 j 08:59	0°♏		asc. node	-4386 Feb 02 j 06:01	19°♏16'10	
	-4389 Jul 11 j 07:56	0°♏			-4386 Feb 11 j 13:21	0°♏	
	-4389 Aug 06 j 03:58	0°♐			-4386 Mar 10 j 19:11	0°♏	
asc. node	-4389 Aug 18 j 13:24	14°♐53'40		evening max el	-4386 Mar 27 j 22:48	17°♏13'29	45°06'21
	-4389 Aug 30 j 22:13	0°♌			-4386 Apr 11 j 08:40	0°♏	
	-4389 Sep 24 j 02:21	0°♍		greatest brilliancy	-4386 May 04 j 17:35	14°♏23'26	-4.7m
	-4389 Oct 18 j 00:13	0°♎		retrograde	-4386 May 15 j 04:40	16°♏20'34	
	-4389 Nov 10 j 21:19	0°♎		desc. node	-4386 May 25 j 04:30	14°♏24'09	
	-4389 Dec 04 j 20:42	0°♏		evening set	-4386 May 30 j 00:59	12°♏10'27	
desc. node	-4389 Dec 08 j 10:50	4°♏28'35		inferior conj	-4386 Jun 05 j 11:55	8°♏25'21	-2°37'11
morning set	-4389 Dec 08 j 21:02	5°♏00'25		minimum elong	-4386 Jun 05 j 06:16	8°♏33'59	2°35'27
	-4389 Dec 28 j 23:13	0°♏		min. Earth dist.	-4386 Jun 06 j 00:31	8°♏06'06	0.28325 AU
				morning rise	-4386 Jun 11 j 10:44	4°♏54'13	
superior conj	-4388 Jan 18 j 23:24	26°♏01'35	-1°16'19	direct	-4386 Jun 27 j 00:42	0°♏16'11	
minimum elong	-4388 Jan 18 j 15:38	25°♏37'38	1°16'22	greatest brilliancy	-4386 Jul 08 j 06:28	2°♏32'28	-4.8m
	-4388 Jan 22 j 04:32	0°♏			-4386 Aug 14 j 01:11	0°♐	
max. Earth dist.	-4388 Jan 22 j 07:00	0°♏07'40	1.72799 AU	morning max el	-4386 Aug 16 j 00:57	1°♐58'06	46°33'20
	-4388 Feb 15 j 12:15	0°♏			-4386 Sep 11 j 03:11	0°♌	
evening rise	-4388 Feb 26 j 08:36	13°♏20'26		asc. node	-4386 Sep 15 j 01:05	4°♌27'58	
greatest brilliancy	-4388 Mar 03 j 18:57	21°♏14'15	-3.9m		-4386 Oct 06 j 17:40	0°♍	
	-4388 Mar 10 j 22:30	0°♏			-4386 Oct 31 j 09:30	0°♎	
asc. node	-4388 Mar 30 j 04:33	23°♏32'02			-4386 Nov 24 j 17:30	0°♎	
	-4388 Apr 04 j 11:51	0°♏			-4386 Dec 19 j 00:36	0°♏	
	-4388 Apr 29 j 05:02	0°♏		desc. node	-4385 Jan 04 j 23:01	20°♏51'48	
	-4388 May 24 j 03:11	0°♐			-4385 Jan 12 j 09:19	0°♏	
	-4388 Jun 18 j 08:51	0°♌			-4385 Feb 05 j 19:38	0°♏	
	-4388 Jul 14 j 04:01	0°♍		morning set	-4385 Feb 20 j 21:26	18°♏29'21	
desc. node	-4388 Jul 20 j 01:21	6°♍41'55			-4385 Mar 02 j 06:42	0°♏	
	-4388 Aug 10 j 04:06	0°♎			-4385 Mar 26 j 17:46	0°♏	
evening max el	-4388 Aug 23 j 09:09	13°♎42'12	47°26'47	max. Earth dist.	-4385 Mar 28 j 20:56	2°♏36'58	1.73739 AU
	-4388 Sep 09 j 21:14	0°♎					
greatest brilliancy	-4388 Oct 03 j 10:57	15°♎01'25	-4.9m	superior conj	-4385 Mar 29 j 18:44	3°♏43'50	-1°00'28
retrograde	-4388 Oct 13 j 02:28	16°♎48'01		minimum elong	-4385 Mar 30 j 03:18	4°♏10'05	1°00'16
evening set	-4388 Oct 27 j 20:19	12°♎27'19			-4385 Apr 20 j 04:20	0°♏	
inferior conj	-4388 Nov 02 j 16:46	8°♎58'01	-1°49'55	asc. node	-4385 Apr 27 j 17:05	9°♏15'12	
minimum elong	-4388 Nov 02 j 20:48	8°♎51'47	1°48'40	evening rise	-4385 May 04 j 17:15	17°♏51'55	
min. Earth dist.	-4388 Nov 02 j 06:40	9°♎13'38	0.26488 AU		-4385 May 14 j 14:08	0°♏	
morning rise	-4388 Nov 08 j 21:46	5°♎18'44			-4385 Jun 07 j 23:19	0°♐	
asc. node	-4388 Nov 09 j 21:25	4°♎48'03			-4385 Jul 02 j 08:43	0°♌	
direct	-4388 Nov 22 j 22:26	1°♎21'10			-4385 Jul 26 j 20:09	0°♍	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4385 Aug 17 j 13:22	26°♌25'22		desc. node	-4382 Feb 01 j 10:56	7°♊43'12	
	-4385 Aug 20 j 12:19	0°♍			-4382 Feb 19 j 23:28	0°♊	
	-4385 Sep 14 j 13:34	0°♌			-4382 Mar 16 j 19:36	0°♊	
	-4385 Oct 10 j 09:22	0°♍			-4382 Apr 10 j 12:25	0°♋	
evening max el	-4385 Nov 03 j 22:14	26°♍38'37	47°14'44	morning set	-4382 Apr 29 j 14:23	23°♋18'37	
	-4385 Nov 07 j 05:50	0°♊			-4382 May 05 j 01:23	0°♌	
asc. node	-4385 Dec 08 j 08:55	25°♊34'02		asc. node	-4382 May 25 j 05:26	24°♌49'02	
greatest brilliancy	-4385 Dec 14 j 00:57	28°♊16'37	-4.9m		-4382 May 29 j 10:10	0°♍	
	-4385 Dec 19 j 16:23	0°♊		max. Earth dist.	-4382 May 31 j 07:06	2°♍18'48	1.73019 AU
retrograde	-4385 Dec 24 j 22:37	0°♋33'22					
	-4385 Dec 30 j 01:46	30°♋♊		superior conj	-4382 Jun 04 j 10:02	7°♋24'44	0°23'39
evening set	-4384 Jan 10 j 12:21	25°♊03'27		minimum elong	-4382 Jun 04 j 05:31	7°♋10'44	0°23'33
min. Earth dist.	-4384 Jan 14 j 03:40	22°♊47'30	0.28396 AU		-4382 Jun 22 j 14:56	0°♌	
inferior conj	-4384 Jan 15 j 01:49	22°♊12'09	7°24'59	evening rise	-4382 Jul 10 j 09:24	22°♌07'57	
minimum elong	-4384 Jan 14 j 18:12	22°♊24'18	7°23'45		-4382 Jul 16 j 16:41	0°♍	
morning rise	-4384 Jan 19 j 00:30	19°♊43'55			-4382 Aug 09 j 17:09	0°♌	
direct	-4384 Feb 05 j 02:45	14°♊02'17			-4382 Sep 02 j 18:27	0°♍	
greatest brilliancy	-4384 Feb 13 j 22:41	15°♊29'14	-4.8m	desc. node	-4382 Sep 14 j 01:46	14°♍03'16	
	-4384 Mar 09 j 04:19	0°♊			-4382 Sep 26 j 22:33	0°♌	
morning max el	-4384 Mar 24 j 23:00	13°♊59'10	45°52'21		-4382 Oct 21 j 07:39	0°♍	
desc. node	-4384 Mar 29 j 08:03	18°♊12'56			-4382 Nov 15 j 01:37	0°♊	
	-4384 Apr 09 j 23:34	0°♊			-4382 Dec 10 j 13:44	0°♋	
	-4384 May 07 j 14:30	0°♋		asc. node	-4381 Jan 04 j 20:21	27°♋53'03	
	-4384 Jun 02 j 16:38	0°♌			-4381 Jan 06 j 21:11	0°♊	
	-4384 Jun 27 j 21:18	0°♍		evening max el	-4381 Jan 13 j 19:36	7°♊00'56	45°47'45
asc. node	-4384 Jul 20 j 03:42	27°♍10'20			-4381 Feb 10 j 02:08	0°♋	
	-4384 Jul 22 j 10:45	0°♌		greatest brilliancy	-4381 Feb 21 j 02:34	5°♋43'01	-4.7m
	-4384 Aug 15 j 13:23	0°♍		retrograde	-4381 Mar 03 j 20:29	7°♋49'10	
greatest brilliancy	-4384 Aug 30 j 09:29	18°♍38'38	-3.9m	evening set	-4381 Mar 20 j 17:52	2°♋22'02	
	-4384 Sep 08 j 09:33	0°♌			-4381 Mar 24 j 13:53	30°♋♊	
morning set	-4384 Sep 19 j 00:30	13°♌25'04		inferior conj	-4381 Mar 25 j 08:03	29°♊31'11	6°25'53
	-4384 Oct 02 j 03:28	0°♍		minimum elong	-4381 Mar 25 j 16:45	29°♊17'22	6°24'16
	-4384 Oct 25 j 22:20	0°♌		min. Earth dist.	-4381 Mar 25 j 20:53	29°♊10'48	0.29360 AU
				morning rise	-4381 Mar 30 j 15:34	26°♊14'26	
superior conj	-4384 Oct 30 j 08:09	5°♌32'47	0°22'20	direct	-4381 Apr 16 j 03:45	21°♊04'03	
minimum elong	-4384 Oct 30 j 14:07	5°♌51'34	0°22'03	greatest brilliancy	-4381 Apr 26 j 12:27	22°♊59'25	-4.7m
max. Earth dist.	-4384 Nov 04 j 00:41	11°♌26'23	1.71138 AU	desc. node	-4381 Apr 26 j 19:10	23°♊05'27	
desc. node	-4384 Nov 09 j 00:32	17°♌42'34			-4381 May 09 j 21:44	0°♋	
	-4384 Nov 18 j 19:55	0°♍		morning max el	-4381 Jun 04 j 03:22	21°♋02'10	45°57'02
evening rise	-4384 Dec 11 j 19:00	28°♍39'42			-4381 Jun 13 j 04:42	0°♌	
	-4384 Dec 12 j 20:49	0°♊			-4381 Jul 10 j 22:57	0°♍	
	-4383 Jan 06 j 01:22	0°♋			-4381 Aug 05 j 17:13	0°♌	
	-4383 Jan 30 j 10:41	0°♊		asc. node	-4381 Aug 17 j 15:38	14°♌21'45	
	-4383 Feb 24 j 02:54	0°♋			-4381 Aug 30 j 10:39	0°♍	
asc. node	-4383 Mar 01 j 18:22	6°♋47'54			-4381 Sep 23 j 14:20	0°♌	
	-4383 Mar 21 j 05:19	0°♌			-4381 Oct 17 j 11:56	0°♍	
	-4383 Apr 15 j 23:00	0°♍			-4381 Nov 10 j 08:52	0°♌	
	-4383 May 12 j 18:35	0°♌			-4381 Dec 04 j 08:06	0°♍	
evening max el	-4383 Jun 08 j 03:41	27°♌12'37	45°59'32	morning set	-4381 Dec 06 j 07:02	2°♌26'25	
	-4383 Jun 11 j 02:02	0°♍		desc. node	-4381 Dec 07 j 12:51	3°♌59'25	
desc. node	-4383 Jun 21 j 15:53	9°♍27'45			-4381 Dec 28 j 10:29	0°♊	
greatest brilliancy	-4383 Jul 18 j 06:35	26°♍10'40	-4.8m				
retrograde	-4383 Jul 27 j 13:57	27°♍45'06		superior conj	-4380 Jan 16 j 12:35	23°♊39'26	-1°14'48
evening set	-4383 Aug 14 j 11:34	21°♍47'54		minimum elong	-4380 Jan 16 j 04:13	23°♊13'33	1°14'50
inferior conj	-4383 Aug 17 j 08:53	20°♍04'10	-8°57'37	max. Earth dist.	-4380 Jan 19 j 23:32	27°♊55'56	1.72744 AU
minimum elong	-4383 Aug 17 j 08:34	20°♍04'38	8°57'24		-4380 Jan 21 j 15:41	0°♋	
min. Earth dist.	-4383 Aug 17 j 16:38	19°♍52'27	0.27063 AU		-4380 Feb 14 j 23:21	0°♊	
morning rise	-4383 Aug 20 j 05:29	18°♍21'26		evening rise	-4380 Feb 24 j 00:49	11°♊08'35	
direct	-4383 Sep 07 j 02:41	12°♍20'49		greatest brilliancy	-4380 Mar 02 j 02:42	19°♊50'13	-3.9m
greatest brilliancy	-4383 Sep 17 j 20:01	14°♍31'16	-4.9m		-4380 Mar 10 j 09:40	0°♋	
	-4383 Oct 11 j 04:21	0°♌		asc. node	-4380 Mar 29 j 06:43	23°♋04'11	
asc. node	-4383 Oct 12 j 12:21	1°♌10'06			-4380 Apr 03 j 23:13	0°♌	
morning max el	-4383 Oct 27 j 22:45	16°♌00'59	46°51'25		-4380 Apr 28 j 16:47	0°♍	
	-4383 Nov 10 j 02:26	0°♍			-4380 May 23 j 15:36	0°♌	
	-4383 Dec 06 j 11:57	0°♌			-4380 Jun 17 j 22:22	0°♍	
	-4383 Dec 31 j 22:08	0°♍			-4380 Jul 13 j 19:32	0°♌	
	-4382 Jan 26 j 00:31	0°♊		desc. node	-4380 Jul 19 j 03:27	6°♌02'15	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4380 Aug 09 j 23:58	0°♎				-4377 Jan 11 j 20:43	0°♊		
evening max el	-4380 Aug 20 j 21:27	11°♎13'31	47°24'50			-4377 Feb 05 j 06:46	0°♊		
	-4380 Sep 10 j 10:16	0°♊		morning set		-4377 Feb 18 j 13:07	16°♊16'27		
greatest brilliancy	-4380 Oct 01 j 01:32	12°♊32'57	-4.9m			-4377 Mar 01 j 17:38	0°♊		
retrograde	-4380 Oct 10 j 14:38	14°♊17'49				-4377 Mar 26 j 04:36	0°♊		
evening set	-4380 Oct 25 j 10:39	9°♊54'57		max. Earth dist.		-4377 Mar 26 j 20:08	0°♊47'42	1.73735 AU	
inferior conj	-4380 Oct 31 j 05:19	6°♊28'52	-2°13'38						
minimum elong	-4380 Oct 31 j 10:11	6°♊21'21	2°12'06	superior conj		-4377 Mar 27 j 12:53	1°♊39'03	-1°02'33	
min. Earth dist.	-4380 Oct 30 j 20:53	6°♊41'52	0.26465 AU	minimum elong		-4377 Mar 27 j 21:25	2°♊05'15	1°02'23	
morning rise	-4380 Nov 06 j 10:03	2°♊50'06				-4377 Apr 19 j 15:10	0°♊		
asc. node	-4380 Nov 08 j 23:32	1°♊33'44		asc. node		-4377 Apr 26 j 19:06	8°♊48'04		
	-4380 Nov 13 j 01:13	30°♋♎		evening rise		-4377 May 02 j 12:36	15°♊50'26		
direct	-4380 Nov 20 j 10:15	28°♋52'13				-4377 May 14 j 01:06	0°♋		
	-4380 Nov 28 j 01:36	0°♊				-4377 Jun 07 j 10:32	0°♋		
greatest brilliancy	-4380 Nov 30 j 05:28	0°♊41'47	-4.9m			-4377 Jul 01 j 20:20	0°♋		
	-4379 Jan 08 j 08:02	0°♋				-4377 Jul 26 j 08:18	0°♋		
morning max el	-4379 Jan 09 j 06:42	0°♋55'47	46°24'36	desc. node		-4377 Aug 16 j 15:37	25°♋53'26		
	-4379 Feb 05 j 21:59	0°♊				-4377 Aug 20 j 01:15	0°♎		
desc. node	-4379 Feb 28 j 22:50	25°♊51'10				-4377 Sep 14 j 03:42	0°♊		
	-4379 Mar 04 j 13:51	0°♊				-4377 Oct 10 j 01:55	0°♋		
	-4379 Mar 30 j 09:59	0°♊		evening max el		-4377 Nov 01 j 14:51	24°♋22'58	47°17'00	
	-4379 Apr 24 j 17:45	0°♊				-4377 Nov 07 j 05:12	0°♊		
	-4379 May 19 j 15:41	0°♊		asc. node		-4377 Dec 07 j 10:59	24°♊03'26		
	-4379 Jun 13 j 04:54	0°♋		greatest brilliancy		-4377 Dec 11 j 17:01	26°♊00'28	-4.9m	
asc. node	-4379 Jun 21 j 17:43	10°♋31'36		retrograde		-4377 Dec 22 j 15:26	28°♊17'34		
morning set	-4379 Jul 06 j 00:33	28°♋14'43		evening set		-4376 Jan 08 j 01:28	22°♊52'18		
	-4379 Jul 07 j 10:22	0°♋		min. Earth dist.		-4376 Jan 11 j 18:15	20°♊34'07	0.28325 AU	
	-4379 Jul 31 j 09:49	0°♋		inferior conj		-4376 Jan 12 j 17:38	19°♊56'50	7°15'41	
max. Earth dist.	-4379 Aug 09 j 22:10	11°♋57'46	1.71305 AU	minimum elong		-4376 Jan 12 j 09:38	20°♊09'36	7°14'20	
				morning rise		-4376 Jan 16 j 18:21	17°♊25'46		
superior conj	-4379 Aug 12 j 14:10	15°♋19'13	1°23'24	direct		-4376 Feb 02 j 18:21	11°♊48'22		
minimum elong	-4379 Aug 12 j 12:02	15°♋12'30	1°23'35	greatest brilliancy		-4376 Feb 11 j 12:32	13°♊14'21	-4.8m	
	-4379 Aug 24 j 05:50	0°♋				-4376 Mar 09 j 11:59	0°♊		
	-4379 Sep 17 j 01:14	0°♎		morning max el		-4376 Mar 22 j 14:54	11°♊48'48	45°52'47	
evening rise	-4379 Sep 21 j 11:35	5°♎34'38		desc. node		-4376 Mar 28 j 10:06	17°♊26'47		
	-4379 Oct 10 j 22:15	0°♊				-4376 Apr 09 j 17:20	0°♊		
desc. node	-4379 Oct 11 j 14:11	0°♊49'54				-4376 May 07 j 04:39	0°♊		
	-4379 Nov 03 j 22:15	0°♋				-4376 Jun 02 j 05:14	0°♊		
	-4379 Nov 28 j 02:19	0°♊				-4376 Jun 27 j 09:06	0°♋		
	-4379 Dec 22 j 12:41	0°♊		asc. node		-4376 Jul 19 j 05:53	26°♋41'54		
	-4378 Jan 16 j 10:04	0°♊				-4376 Jul 21 j 22:08	0°♋		
asc. node	-4378 Feb 01 j 08:18	18°♋43'25				-4376 Aug 15 j 00:34	0°♋		
	-4378 Feb 11 j 03:35	0°♊		greatest brilliancy		-4376 Aug 30 j 09:26	19°♋19'00	-3.9m	
	-4378 Mar 10 j 13:08	0°♊				-4376 Sep 07 j 20:39	0°♋		
evening max el	-4378 Mar 25 j 14:22	15°♊02'20	45°06'13	morning set		-4376 Sep 16 j 12:16	10°♋55'37		
	-4378 Apr 11 j 18:21	0°♋				-4376 Oct 01 j 14:31	0°♎		
greatest brilliancy	-4378 May 02 j 07:16	12°♋09'54	-4.7m			-4376 Oct 25 j 09:21	0°♊		
retrograde	-4378 May 12 j 20:12	14°♋08'16							
desc. node	-4378 May 24 j 06:35	11°♋36'02		superior conj		-4376 Oct 27 j 17:12	2°♋55'39	0°26'10	
evening set	-4378 May 27 j 15:33	9°♋58'20		minimum elong		-4376 Oct 28 j 00:05	3°♋17'19	0°25'50	
inferior conj	-4378 Jun 03 j 03:00	6°♋12'09	-2°17'08	max. Earth dist.		-4376 Nov 01 j 10:29	8°♋51'49	1.71095 AU	
minimum elong	-4378 Jun 02 j 22:01	6°♋19'45	2°15'36	desc. node		-4376 Nov 08 j 02:35	17°♋14'30		
min. Earth dist.	-4378 Jun 03 j 15:45	5°♋52'40	0.28368 AU			-4376 Nov 18 j 06:54	0°♋		
morning rise	-4378 Jun 09 j 03:46	2°♋38'28		evening rise		-4376 Dec 09 j 05:42	26°♋09'23		
	-4378 Jun 14 j 17:27	30°♋♎				-4376 Dec 12 j 07:48	0°♊		
direct	-4378 Jun 24 j 16:44	28°♊02'10				-4375 Jan 05 j 12:26	0°♊		
	-4378 Jul 05 j 02:17	0°♋				-4375 Jan 29 j 21:54	0°♊		
greatest brilliancy	-4378 Jul 05 j 21:55	0°♋18'19	-4.8m			-4375 Feb 23 j 14:29	0°♊		
morning max el	-4378 Aug 13 j 16:47	29°♋42'37	46°32'14	asc. node		-4375 Feb 28 j 20:28	6°♊19'03		
	-4378 Aug 13 j 23:46	0°♋				-4375 Mar 20 j 17:37	0°♊		
	-4378 Sep 10 j 19:16	0°♋				-4375 Apr 15 j 12:45	0°♋		
asc. node	-4378 Sep 14 j 03:16	3°♋49'16				-4375 May 12 j 11:22	0°♋		
	-4378 Oct 06 j 07:30	0°♋		evening max el		-4375 Jun 05 j 16:49	24°♋51'44	45°56'22	
	-4378 Oct 30 j 22:16	0°♎				-4375 Jun 11 j 03:49	0°♋		
	-4378 Nov 24 j 05:39	0°♊		desc. node		-4375 Jun 20 j 18:03	8°♋23'14		
	-4378 Dec 18 j 12:20	0°♋		greatest brilliancy		-4375 Jul 15 j 18:13	23°♋45'27	-4.8m	
desc. node	-4377 Jan 04 j 01:08	20°♋22'57		retrograde		-4375 Jul 25 j 01:29	25°♋19'40		

Planetary Phenomena of Venus from -4400 through -3898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 6

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4375 Aug 11 j 22:21	19° ♁ 25'09		minimum elong	-4372 Jan 13 j 16:59	20° ♁ 51'01	1°13'10
inferior conj	-4375 Aug 14 j 21:22	17° ♁ 38'47	-8°56'14	max. Earth dist.	-4372 Jan 17 j 14:25	25° ♁ 40'02	1.72682 AU
minimum elong	-4375 Aug 14 j 20:05	17° ♁ 40'43	8°56'01		-4372 Jan 21 j 02:31	0° ♁	
min. Earth dist.	-4375 Aug 15 j 05:14	17° ♁ 26'52	0.27103 AU		-4372 Feb 14 j 10:06	0° ♁	
morning rise	-4375 Aug 17 j 17:44	15° ♁ 56'10		evening rise	-4372 Feb 21 j 17:18	8° ♁ 58'42	
direct	-4375 Sep 04 j 15:37	9° ♁ 54'44		greatest brilliancy	-4372 Feb 28 j 20:26	17° ♁ 44'14	-3.9m
greatest brilliancy	-4375 Sep 15 j 09:45	12° ♁ 05'12	-4.9m		-4372 Mar 09 j 20:28	0° ♁	
asc. node	-4375 Oct 11 j 14:24	0° ♁ 05'11		asc. node	-4372 Mar 28 j 08:47	22° ♁ 37'00	
	-4375 Oct 11 j 12:06	0° ♁			-4372 Apr 03 j 10:16	0° ♁	
morning max el	-4375 Oct 25 j 10:47	13° ♁ 30'39	46°51'47		-4372 Apr 28 j 04:17	0° ♁	
	-4375 Nov 09 j 21:00	0° ♁			-4372 May 23 j 03:49	0° ♁	
	-4375 Dec 06 j 02:50	0° ♁			-4372 Jun 17 j 11:47	0° ♁	
	-4375 Dec 31 j 11:18	0° ♁			-4372 Jul 13 j 11:04	0° ♁	
	-4374 Jan 25 j 12:42	0° ♁		desc. node	-4372 Jul 18 j 05:41	5° ♁ 23'10	
desc. node	-4374 Jan 31 j 13:11	7° ♁ 13'59			-4372 Aug 09 j 20:14	0° ♁	
	-4374 Feb 19 j 11:01	0° ♁		evening max el	-4372 Aug 18 j 10:05	8° ♁ 46'31	47°22'56
	-4374 Mar 16 j 06:43	0° ♁			-4372 Sep 11 j 03:10	0° ♁	
	-4374 Apr 09 j 23:16	0° ♁		greatest brilliancy	-4372 Sep 28 j 15:28	10° ♁ 04'21	-4.9m
morning set	-4374 Apr 27 j 09:29	21° ♁ 17'17		retrograde	-4372 Oct 08 j 03:14	11° ♁ 48'20	
	-4374 May 04 j 12:05	0° ♁		evening set	-4372 Oct 23 j 01:07	7° ♁ 22'46	
asc. node	-4374 May 24 j 07:34	24° ♁ 22'38		inferior conj	-4372 Oct 28 j 17:47	4° ♁ 00'02	-2°37'03
	-4374 May 28 j 20:51	0° ♁		minimum elong	-4372 Oct 28 j 23:28	3° ♁ 51'18	2°35'17
max. Earth dist.	-4374 May 29 j 02:12	0° ♁ 16'30	1.73072 AU	min. Earth dist.	-4372 Oct 28 j 10:41	4° ♁ 10'58	0.26446 AU
				morning rise	-4372 Nov 03 j 22:05	0° ♁ 22'23	
superior conj	-4374 Jun 02 j 04:42	5° ♁ 20'56	0°20'40		-4372 Nov 04 j 15:10	30° ♁	
minimum elong	-4374 Jun 02 j 00:43	5° ♁ 08'36	0°20'36	asc. node	-4372 Nov 08 j 01:45	28° ♁ 24'44	
	-4374 Jun 22 j 01:43	0° ♁		direct	-4372 Nov 17 j 22:24	26° ♁ 23'33	
evening rise	-4374 Jul 08 j 02:37	19° ♁ 58'01		greatest brilliancy	-4372 Nov 27 j 19:28	28° ♁ 15'07	-4.9m
	-4374 Jul 16 j 03:39	0° ♁			-4372 Dec 01 j 22:55	0° ♁	
	-4374 Aug 09 j 04:22	0° ♁		morning max el	-4371 Jan 06 j 20:56	28° ♁ 34'49	46°26'07
	-4374 Sep 02 j 05:57	0° ♁			-4371 Jan 08 j 07:13	0° ♁	
desc. node	-4374 Sep 13 j 03:48	13° ♁ 33'18			-4371 Feb 05 j 14:17	0° ♁	
	-4374 Sep 26 j 10:26	0° ♁		desc. node	-4371 Feb 28 j 00:50	25° ♁ 17'05	
	-4374 Oct 20 j 20:02	0° ♁			-4371 Mar 04 j 03:31	0° ♁	
	-4374 Nov 14 j 14:47	0° ♁			-4371 Mar 29 j 22:17	0° ♁	
	-4374 Dec 10 j 04:33	0° ♁			-4371 Apr 24 j 05:18	0° ♁	
asc. node	-4373 Jan 03 j 22:38	27° ♁ 10'18			-4371 May 19 j 02:50	0° ♁	
	-4373 Jan 06 j 16:30	0° ♁			-4371 Jun 12 j 15:51	0° ♁	
evening max el	-4373 Jan 11 j 09:53	4° ♁ 45'13	45°50'34	asc. node	-4371 Jun 20 j 19:56	10° ♁ 04'46	
	-4373 Feb 11 j 06:14	0° ♁		morning set	-4371 Jul 03 j 17:24	26° ♁ 04'00	
greatest brilliancy	-4373 Feb 18 j 19:59	3° ♁ 37'32	-4.7m		-4371 Jul 06 j 21:16	0° ♁	
retrograde	-4373 Mar 01 j 13:25	5° ♁ 43'57			-4371 Jul 30 j 20:45	0° ♁	
evening set	-4373 Mar 18 j 13:27	0° ♁ 12'45		max. Earth dist.	-4371 Aug 07 j 09:34	9° ♁ 28'07	1.71355 AU
	-4373 Mar 18 j 22:01	30° ♁					
inferior conj	-4373 Mar 23 j 01:22	27° ♁ 25'17	6°37'06	superior conj	-4371 Aug 10 j 04:33	12° ♁ 58'50	1°22'56
minimum elong	-4373 Mar 23 j 09:54	27° ♁ 11'44	6°35'35	minimum elong	-4371 Aug 10 j 01:37	12° ♁ 49'38	1°23'07
min. Earth dist.	-4373 Mar 23 j 13:42	27° ♁ 05'41	0.29372 AU		-4371 Aug 23 j 16:51	0° ♁	
morning rise	-4373 Mar 28 j 06:14	24° ♁ 12'09			-4371 Sep 16 j 12:23	0° ♁	
direct	-4373 Apr 13 j 20:16	18° ♁ 57'53		evening rise	-4371 Sep 18 j 21:30	2° ♁ 59'42	
greatest brilliancy	-4373 Apr 24 j 04:50	20° ♁ 52'45	-4.7m		-4371 Oct 10 j 09:33	0° ♁	
desc. node	-4373 Apr 25 j 21:17	21° ♁ 31'00		desc. node	-4371 Oct 10 j 16:14	0° ♁ 20'55	
	-4373 May 10 j 15:54	0° ♁			-4371 Nov 03 j 09:42	0° ♁	
morning max el	-4373 Jun 01 j 19:11	18° ♁ 52'09	45°56'12		-4371 Nov 27 j 13:59	0° ♁	
	-4373 Jun 12 j 23:32	0° ♁			-4371 Dec 22 j 00:42	0° ♁	
	-4373 Jul 10 j 13:32	0° ♁			-4370 Jan 15 j 22:48	0° ♁	
	-4373 Aug 05 j 06:08	0° ♁		asc. node	-4370 Jan 31 j 10:26	18° ♁ 10'27	
asc. node	-4373 Aug 16 j 17:50	13° ♁ 50'41			-4370 Feb 10 j 17:51	0° ♁	
	-4373 Aug 29 j 22:45	0° ♁			-4370 Mar 10 j 07:18	0° ♁	
	-4373 Sep 23 j 02:01	0° ♁		evening max el	-4370 Mar 23 j 06:50	12° ♁ 54'02	45°06'16
	-4373 Oct 16 j 23:22	0° ♁			-4370 Apr 12 j 06:51	0° ♁	
	-4373 Nov 09 j 20:08	0° ♁		greatest brilliancy	-4370 Apr 29 j 21:35	9° ♁ 58'28	-4.7m
morning set	-4373 Dec 03 j 17:01	29° ♁ 53'07		retrograde	-4370 May 10 j 11:47	11° ♁ 57'25	
	-4373 Dec 03 j 19:14	0° ♁		desc. node	-4370 May 23 j 08:44	8° ♁ 45'41	
desc. node	-4373 Dec 06 j 14:59	3° ♁ 31'29		evening set	-4370 May 25 j 06:42	7° ♁ 47'42	
	-4373 Dec 27 j 21:27	0° ♁		inferior conj	-4370 May 31 j 18:25	4° ♁ 00'31	-1°57'14
				minimum elong	-4370 May 31 j 14:08	4° ♁ 07'05	1°55'53
superior conj	-4372 Jan 14 j 01:55	21° ♁ 18'38	-1°13'10	min. Earth dist.	-4370 Jun 01 j 07:13	3° ♁ 40'56	0.28413 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4370 Jun 06 j 20:57	0°♄24'18		evening rise	-4368 Dec 06 j 15:37	23°♊35'25	
	-4370 Jun 07 j 15:02	30°♋♎			-4368 Dec 11 j 19:09	0°♊	
direct	-4370 Jun 22 j 09:18	25°♎49'49			-4367 Jan 04 j 23:50	0°♊	
greatest brilliancy	-4370 Jul 03 j 13:05	28°♎04'51	-4.8m		-4367 Jan 29 j 09:27	0°♊	
	-4370 Jul 07 j 20:53	0°♄			-4367 Feb 23 j 02:24	0°♋	
morning max el	-4370 Aug 11 j 08:34	27°♄27'21	46°30'46	asc. node	-4367 Feb 27 j 22:32	5°♋49'04	
	-4370 Aug 13 j 21:27	0°♊			-4367 Mar 20 j 06:18	0°♎	
	-4370 Sep 10 j 11:09	0°♋			-4367 Apr 15 j 02:54	0°♄	
asc. node	-4370 Sep 13 j 05:19	3°♋10'19			-4367 May 12 j 04:44	0°♊	
	-4370 Oct 05 j 21:19	0°♊		evening max el	-4367 Jun 03 j 05:36	22°♊29'48	45°53'28
	-4370 Oct 30 j 11:04	0°♎			-4367 Jun 11 j 07:11	0°♋	
	-4370 Nov 23 j 17:50	0°♄		desc. node	-4367 Jun 19 j 20:16	7°♋17'02	
	-4370 Dec 18 j 00:05	0°♊		greatest brilliancy	-4367 Jul 13 j 06:23	21°♋21'20	-4.8m
desc. node	-4369 Jan 03 j 03:18	19°♊54'13		retrograde	-4367 Jul 22 j 13:20	22°♋55'32	
	-4369 Jan 11 j 08:07	0°♊		evening set	-4367 Aug 09 j 09:00	17°♋04'11	
	-4369 Feb 04 j 17:54	0°♊		inferior conj	-4367 Aug 12 j 10:19	15°♋14'32	-8°53'48
morning set	-4369 Feb 16 j 04:47	14°♊03'23		minimum elong	-4367 Aug 12 j 08:04	15°♋17'56	8°53'33
	-4369 Mar 01 j 04:36	0°♊		min. Earth dist.	-4367 Aug 12 j 18:23	15°♋02'18	0.27147 AU
				morning rise	-4367 Aug 15 j 07:00	13°♋31'21	
superior conj	-4369 Mar 25 j 07:13	29°♊34'43	-1°04'33	direct	-4367 Sep 02 j 04:39	7°♋29'32	
minimum elong	-4369 Mar 25 j 15:42	0°♋00'46	1°04'25	greatest brilliancy	-4367 Sep 13 j 00:20	9°♋40'47	-4.9m
max. Earth dist.	-4369 Mar 24 j 19:26	28°♊58'34	1.73722 AU	asc. node	-4367 Oct 10 j 16:41	29°♋02'12	
	-4369 Mar 25 j 15:27	0°♋			-4367 Oct 11 j 17:43	0°♊	
	-4369 Apr 19 j 02:01	0°♎		morning max el	-4367 Oct 22 j 23:04	11°♊00'21	46°51'46
asc. node	-4369 Apr 25 j 21:17	8°♎21'23			-4367 Nov 09 j 15:25	0°♎	
evening rise	-4369 Apr 30 j 08:14	13°♎49'51			-4367 Dec 05 j 17:57	0°♄	
	-4369 May 13 j 12:03	0°♄			-4367 Dec 31 j 00:50	0°♊	
	-4369 Jun 06 j 21:45	0°♊			-4366 Jan 25 j 01:18	0°♊	
	-4369 Jul 01 j 08:00	0°♋		desc. node	-4366 Jan 30 j 15:12	6°♊42'43	
	-4369 Jul 25 j 20:36	0°♊			-4366 Feb 18 j 22:59	0°♊	
desc. node	-4369 Aug 15 j 17:36	25°♊20'10			-4366 Mar 15 j 18:13	0°♊	
	-4369 Aug 19 j 14:25	0°♎			-4366 Apr 09 j 10:28	0°♋	
	-4369 Sep 13 j 18:14	0°♄		morning set	-4366 Apr 25 j 04:25	19°♋14'21	
	-4369 Oct 09 j 19:04	0°♊			-4366 May 03 j 23:09	0°♎	
evening max el	-4369 Oct 30 j 07:17	22°♊05'44	47°19'11	asc. node	-4366 May 23 j 09:46	23°♎55'20	
	-4369 Nov 07 j 06:03	0°♊		max. Earth dist.	-4366 May 26 j 22:43	28°♎17'33	1.73121 AU
asc. node	-4369 Dec 06 j 13:15	22°♊28'47			-4366 May 28 j 07:53	0°♄	
greatest brilliancy	-4369 Dec 09 j 09:39	23°♊43'47	-4.9m				
retrograde	-4369 Dec 20 j 07:49	26°♊00'13		superior conj	-4366 May 30 j 23:28	3°♋16'27	0°17'41
evening set	-4368 Jan 05 j 14:26	20°♊40'01		minimum elong	-4366 May 30 j 20:02	3°♋05'51	0°17'37
min. Earth dist.	-4368 Jan 09 j 09:01	18°♊19'04	0.28247 AU		-4366 Jun 21 j 12:50	0°♊	
inferior conj	-4368 Jan 10 j 09:18	17°♊40'18	7°05'47	evening rise	-4366 Jul 05 j 20:15	17°♊48'37	
minimum elong	-4368 Jan 10 j 00:57	17°♊53'38	7°04'16		-4366 Jul 15 j 14:54	0°♋	
morning rise	-4368 Jan 14 j 12:05	15°♊06'10			-4366 Aug 08 j 15:50	0°♊	
direct	-4368 Jan 31 j 09:39	9°♊33'23			-4366 Sep 01 j 17:43	0°♎	
greatest brilliancy	-4368 Feb 09 j 02:27	10°♊58'23	-4.8m	desc. node	-4366 Sep 12 j 05:54	13°♎02'47	
	-4368 Mar 09 j 17:43	0°♊			-4366 Sep 25 j 22:37	0°♄	
morning max el	-4368 Mar 20 j 05:52	9°♊35'31	45°53'22		-4366 Oct 20 j 08:47	0°♊	
desc. node	-4368 Mar 27 j 12:13	16°♊40'57			-4366 Nov 14 j 04:28	0°♊	
	-4368 Apr 09 j 10:55	0°♊			-4366 Dec 09 j 20:04	0°♊	
	-4368 May 06 j 18:50	0°♋		asc. node	-4365 Jan 03 j 00:46	26°♊24'50	
	-4368 Jun 01 j 17:54	0°♎			-4365 Jan 06 j 13:07	0°♊	
	-4368 Jun 26 j 20:58	0°♄		evening max el	-4365 Jan 09 j 00:16	2°♊27'52	45°53'26
asc. node	-4368 Jul 18 j 08:03	26°♋13'05			-4365 Feb 13 j 01:19	0°♋	
	-4368 Jul 21 j 09:37	0°♊		greatest brilliancy	-4365 Feb 16 j 12:41	1°♋28'54	-4.7m
	-4368 Aug 14 j 11:53	0°♋		retrograde	-4365 Feb 27 j 06:33	3°♋36'15	
greatest brilliancy	-4368 Aug 30 j 04:59	19°♋45'05	-3.9m		-4365 Mar 12 j 18:54	30°♋	
	-4368 Sep 07 j 07:57	0°♊		evening set	-4365 Mar 16 j 08:42	28°♊00'53	
morning set	-4368 Sep 14 j 00:04	8°♊25'40		inferior conj	-4365 Mar 20 j 18:23	25°♊16'49	6°47'52
	-4368 Oct 01 j 01:50	0°♎		minimum elong	-4365 Mar 21 j 02:41	25°♊03'39	6°46'28
	-4368 Oct 24 j 20:41	0°♄		min. Earth dist.	-4365 Mar 21 j 06:00	24°♊58'22	0.29380 AU
				morning rise	-4365 Mar 25 j 20:33	22°♊07'40	
superior conj	-4368 Oct 25 j 01:57	0°♄16'34	0°29'57	direct	-4365 Apr 11 j 12:30	16°♊49'11	
minimum elong	-4368 Oct 25 j 09:41	0°♄40'55	0°29'37	greatest brilliancy	-4365 Apr 21 j 20:44	18°♊43'45	-4.7m
max. Earth dist.	-4368 Oct 29 j 15:40	6°♄01'36	1.71058 AU	desc. node	-4365 Apr 24 j 23:30	19°♊57'55	
desc. node	-4368 Nov 07 j 04:46	16°♄45'45			-4365 May 11 j 06:17	0°♋	
	-4368 Nov 17 j 18:15	0°♊		morning max el	-4365 May 30 j 11:34	16°♋42'17	45°55'30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4365 Jun 12 j 18:24	0°♿			-4363 Dec 21 j 12:53	0°♿		
	-4365 Jul 10 j 04:21	0°♿			-4362 Jan 15 j 11:46	0°♿		
	-4365 Aug 04 j 19:18	0°♿		asc. node	-4362 Jan 30 j 12:28	17°♿36'29		
asc. node	-4365 Aug 15 j 19:49	13°♿18'04			-4362 Feb 10 j 08:29	0°♿		
	-4365 Aug 29 j 11:06	0°♿			-4362 Mar 10 j 02:16	0°♿		
	-4365 Sep 22 j 13:54	0°♿		evening max el	-4362 Mar 20 j 23:12	10°♿44'31	45°06'10	
	-4365 Oct 16 j 11:00	0°♿			-4362 Apr 13 j 00:21	0°♿		
	-4365 Nov 09 j 07:37	0°♿		greatest brilliancy	-4362 Apr 27 j 12:31	7°♿46'30	-4.7m	
morning set	-4365 Dec 01 j 03:06	27°♿19'06		retrograde	-4362 May 08 j 02:44	9°♿45'11		
	-4365 Dec 03 j 06:37	0°♿		desc. node	-4362 May 22 j 10:53	5°♿50'07		
desc. node	-4365 Dec 05 j 17:06	3°♿02'35		evening set	-4362 May 22 j 21:54	5°♿35'40		
	-4365 Dec 27 j 08:45	0°♿		inferior conj	-4362 May 29 j 09:44	1°♿47'47	-1°37'09	
				minimum elong	-4362 May 29 j 06:10	1°♿53'16	1°36'01	
superior conj	-4364 Jan 11 j 14:48	18°♿55'09	-1°11'23	min. Earth dist.	-4362 May 29 j 22:54	1°♿27'35	0.28455 AU	
minimum elong	-4364 Jan 11 j 05:21	18°♿25'53	1°11'20		-4362 Jun 01 j 08:31	30°♿♿		
max. Earth dist.	-4364 Jan 15 j 03:27	23°♿17'10	1.72630 AU	morning rise	-4362 Jun 04 j 13:49	28°♿08'59		
	-4364 Jan 20 j 13:43	0°♿		direct	-4362 Jun 20 j 01:29	23°♿36'27		
	-4364 Feb 13 j 21:17	0°♿		greatest brilliancy	-4362 Jul 01 j 04:09	25°♿50'15	-4.8m	
evening rise	-4364 Feb 19 j 09:12	6°♿45'39			-4362 Jul 09 j 14:21	0°♿		
greatest brilliancy	-4364 Feb 26 j 14:17	15°♿37'13	-3.9m	morning max el	-4362 Aug 08 j 23:20	25°♿09'04	46°29'22	
	-4364 Mar 09 j 07:44	0°♿			-4362 Aug 13 j 18:36	0°♿		
asc. node	-4364 Mar 27 j 10:57	22°♿08'51			-4362 Sep 10 j 02:58	0°♿		
	-4364 Apr 02 j 21:45	0°♿		asc. node	-4362 Sep 12 j 07:35	2°♿31'58		
	-4364 Apr 27 j 16:12	0°♿			-4362 Oct 05 j 11:07	0°♿		
	-4364 May 22 j 16:30	0°♿			-4362 Oct 29 j 23:53	0°♿		
	-4364 Jun 17 j 01:41	0°♿			-4362 Nov 23 j 06:02	0°♿		
	-4364 Jul 13 j 03:12	0°♿			-4362 Dec 17 j 11:51	0°♿		
desc. node	-4364 Jul 17 j 07:43	4°♿42'03		desc. node	-4361 Jan 02 j 05:19	19°♿24'53		
	-4364 Aug 09 j 17:30	0°♿			-4361 Jan 10 j 19:32	0°♿		
evening max el	-4364 Aug 15 j 23:46	6°♿21'32	47°21'05		-4361 Feb 04 j 05:04	0°♿		
	-4364 Sep 12 j 02:08	0°♿		morning set	-4361 Feb 13 j 20:31	11°♿50'25		
greatest brilliancy	-4364 Sep 26 j 04:55	7°♿34'53	-4.9m		-4361 Feb 28 j 15:36	0°♿		
retrograde	-4364 Oct 05 j 16:31	9°♿18'29						
evening set	-4364 Oct 20 j 15:49	4°♿50'04		superior conj	-4361 Mar 23 j 01:28	27°♿29'58	-1°06'28	
inferior conj	-4364 Oct 26 j 06:18	1°♿30'46	-3°00'08	minimum elong	-4361 Mar 23 j 09:51	27°♿55'40	1°06'21	
minimum elong	-4364 Oct 26 j 12:45	1°♿20'52	2°58'10	max. Earth dist.	-4361 Mar 22 j 18:11	27°♿07'35	1.73714 AU	
min. Earth dist.	-4364 Oct 26 j 00:09	1°♿40'12	0.26428 AU		-4361 Mar 25 j 02:22	0°♿		
	-4364 Oct 28 j 17:59	30°♿♿			-4361 Apr 18 j 12:57	0°♿		
morning rise	-4364 Nov 01 j 09:57	27°♿54'40		asc. node	-4361 Apr 24 j 23:28	7°♿54'19		
asc. node	-4364 Nov 07 j 03:54	25°♿21'07		evening rise	-4361 Apr 28 j 03:35	11°♿48'05		
direct	-4364 Nov 15 j 11:04	23°♿54'40			-4361 May 12 j 23:09	0°♿		
greatest brilliancy	-4364 Nov 25 j 08:51	25°♿47'25	-4.9m		-4361 Jun 06 j 09:07	0°♿		
	-4364 Dec 04 j 01:15	0°♿			-4361 Jun 30 j 19:48	0°♿		
morning max el	-4363 Jan 04 j 11:44	26°♿14'37	46°27'22		-4361 Jul 25 j 09:00	0°♿		
	-4363 Jan 08 j 05:39	0°♿		desc. node	-4361 Aug 14 j 19:43	24°♿47'01		
	-4363 Feb 05 j 06:34	0°♿			-4361 Aug 19 j 03:42	0°♿		
desc. node	-4363 Feb 27 j 02:57	24°♿42'33			-4361 Sep 13 j 08:55	0°♿		
	-4363 Mar 03 j 17:23	0°♿			-4361 Oct 09 j 12:34	0°♿		
	-4363 Mar 29 j 10:55	0°♿		evening max el	-4361 Oct 27 j 22:58	19°♿46'24	47°21'14	
	-4363 Apr 23 j 17:12	0°♿			-4361 Nov 07 j 08:11	0°♿		
	-4363 May 18 j 14:18	0°♿		asc. node	-4361 Dec 05 j 15:23	20°♿50'34		
	-4363 Jun 12 j 03:05	0°♿		greatest brilliancy	-4361 Dec 07 j 02:52	21°♿27'38	-4.9m	
asc. node	-4363 Jun 19 j 21:59	9°♿36'30		retrograde	-4361 Dec 17 j 23:43	23°♿42'43		
morning set	-4363 Jul 01 j 10:07	23°♿52'06		evening set	-4360 Jan 03 j 03:23	18°♿27'42		
	-4363 Jul 06 j 08:24	0°♿		min. Earth dist.	-4360 Jan 07 j 00:11	16°♿03'27	0.28166 AU	
	-4363 Jul 30 j 07:55	0°♿		inferior conj	-4360 Jan 08 j 00:56	15°♿23'53	6°55'07	
max. Earth dist.	-4363 Aug 04 j 19:00	6°♿51'40	1.71406 AU	minimum elong	-4360 Jan 07 j 16:18	15°♿37'41	6°53'28	
				morning rise	-4360 Jan 12 j 05:53	12°♿46'24		
superior conj	-4363 Aug 07 j 18:59	10°♿38'00	1°22'19	direct	-4360 Jan 29 j 00:24	7°♿18'29		
minimum elong	-4363 Aug 07 j 15:19	10°♿26'27	1°22'30	greatest brilliancy	-4360 Feb 06 j 16:51	8°♿42'59	-4.8m	
	-4363 Aug 23 j 04:07	0°♿			-4360 Mar 09 j 21:23	0°♿		
	-4363 Sep 15 j 23:47	0°♿		morning max el	-4360 Mar 17 j 20:00	7°♿20'30	45°53'59	
evening rise	-4363 Sep 16 j 07:35	0°♿24'35		desc. node	-4360 Mar 26 j 14:27	15°♿56'32		
desc. node	-4363 Oct 09 j 18:26	29°♿51'46			-4360 Apr 09 j 03:58	0°♿		
	-4363 Oct 09 j 21:04	0°♿			-4360 May 06 j 08:46	0°♿		
	-4363 Nov 02 j 21:20	0°♿			-4360 Jun 01 j 06:26	0°♿		
	-4363 Nov 27 j 01:47	0°♿			-4360 Jun 26 j 08:48	0°♿		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4360 Jul 17 j 10:07	25° ♄ 44'01			-4357 Jan 06 j 10:00	0° ♋	
	-4360 Jul 20 j 21:04	0° ♈		evening max el	-4357 Jan 06 j 15:39	0° ♋ 14'02	45°56'28
	-4360 Aug 13 j 23:10	0° ♎		greatest brilliancy	-4357 Feb 14 j 05:02	29° ♋ 21'11	-4.7m
greatest brilliancy	-4360 Aug 29 j 22:34	20° ♎ 05'08	-3.9m		-4357 Feb 16 j 01:17	0° ♈	
	-4360 Sep 06 j 19:10	0° ♏		retrograde	-4357 Feb 25 j 00:14	1° ♈ 29'58	
morning set	-4360 Sep 11 j 11:45	5° ♏ 55'33			-4357 Mar 05 j 14:47	30° ♋	
	-4360 Sep 30 j 13:01	0° ♐		evening set	-4357 Mar 14 j 04:05	25° ♋ 50'30	
				inferior conj	-4357 Mar 18 j 11:32	23° ♋ 09'46	6°58'09
superior conj	-4360 Oct 22 j 10:43	27° ♐ 37'57	0°33'41	minimum elong	-4357 Mar 18 j 19:34	22° ♋ 57'01	6°56'50
minimum elong	-4360 Oct 22 j 19:15	28° ♐ 04'49	0°33'20	min. Earth dist.	-4357 Mar 18 j 22:05	22° ♋ 53'01	0.29384 AU
	-4360 Oct 24 j 07:52	0° ♑		morning rise	-4357 Mar 23 j 10:59	20° ♋ 04'45	
max. Earth dist.	-4360 Oct 26 j 18:13	3° ♑ 03'32	1.71023 AU	direct	-4357 Apr 09 j 05:14	14° ♋ 42'03	
desc. node	-4360 Nov 06 j 06:50	16° ♑ 17'03		greatest brilliancy	-4357 Apr 19 j 12:15	16° ♋ 35'52	-4.7m
	-4360 Nov 17 j 05:26	0° ♒		desc. node	-4357 Apr 24 j 01:35	18° ♋ 29'16	
evening rise	-4360 Dec 04 j 01:27	21° ♒ 01'34			-4357 May 11 j 16:22	0° ♈	
	-4360 Dec 11 j 06:22	0° ♉		morning max el	-4357 May 28 j 04:52	14° ♈ 36'07	45°54'50
	-4359 Jan 04 j 11:05	0° ♊			-4357 Jun 12 j 12:16	0° ♉	
	-4359 Jan 28 j 20:50	0° ♋			-4357 Jul 09 j 18:33	0° ♊	
	-4359 Feb 22 j 14:08	0° ♈			-4357 Aug 04 j 08:01	0° ♈	
asc. node	-4359 Feb 27 j 00:47	5° ♈ 20'17		asc. node	-4357 Aug 14 j 22:06	12° ♈ 47'32	
	-4359 Mar 19 j 18:48	0° ♉			-4357 Aug 28 j 23:06	0° ♎	
	-4359 Apr 14 j 17:00	0° ♊			-4357 Sep 22 j 01:32	0° ♏	
	-4359 May 11 j 22:18	0° ♈			-4357 Oct 15 j 22:26	0° ♐	
evening max el	-4359 May 31 j 17:57	20° ♈ 07'18	45°50'26		-4357 Nov 08 j 18:54	0° ♑	
	-4359 Jun 11 j 12:15	0° ♎		morning set	-4357 Nov 28 j 12:52	24° ♑ 44'48	
desc. node	-4359 Jun 18 j 22:17	6° ♎ 08'36			-4357 Dec 02 j 17:45	0° ♒	
greatest brilliancy	-4359 Jul 10 j 17:55	18° ♎ 56'20	-4.8m	desc. node	-4357 Dec 04 j 19:09	2° ♒ 34'17	
retrograde	-4359 Jul 20 j 01:14	20° ♎ 31'11			-4357 Dec 26 j 19:44	0° ♉	
evening set	-4359 Aug 06 j 18:54	14° ♎ 43'17					
inferior conj	-4359 Aug 09 j 22:59	12° ♎ 49'49	-8°50'23	superior conj	-4356 Jan 09 j 03:19	16° ♉ 31'29	-1°09'26
minimum elong	-4359 Aug 09 j 19:48	12° ♎ 54'38	8°50'02	minimum elong	-4356 Jan 08 j 17:24	16° ♉ 00'44	1°09'22
min. Earth dist.	-4359 Aug 10 j 07:16	12° ♎ 37'17	0.27193 AU	max. Earth dist.	-4356 Jan 12 j 17:40	20° ♉ 58'55	1.72574 AU
morning rise	-4359 Aug 12 j 20:32	11° ♎ 05'27			-4356 Jan 20 j 00:36	0° ♊	
direct	-4359 Aug 30 j 17:26	5° ♎ 03'43			-4356 Feb 13 j 08:07	0° ♋	
greatest brilliancy	-4359 Sep 10 j 14:53	7° ♎ 16'17	-4.9m	evening rise	-4356 Feb 17 j 01:07	4° ♋ 33'43	
asc. node	-4359 Oct 09 j 18:51	28° ♎ 00'37		greatest brilliancy	-4356 Feb 24 j 23:22	14° ♋ 18'08	-3.9m
	-4359 Oct 11 j 21:25	0° ♏			-4356 Mar 08 j 18:39	0° ♈	
morning max el	-4359 Oct 20 j 12:01	8° ♏ 32'07	46°51'58	asc. node	-4356 Mar 26 j 13:07	21° ♈ 41'46	
	-4359 Nov 09 j 09:13	0° ♐			-4356 Apr 02 j 08:53	0° ♉	
	-4359 Dec 05 j 08:38	0° ♑			-4356 Apr 27 j 03:46	0° ♊	
	-4359 Dec 30 j 14:01	0° ♒			-4356 May 22 j 04:47	0° ♈	
	-4358 Jan 24 j 13:33	0° ♉			-4356 Jun 16 j 15:15	0° ♎	
desc. node	-4358 Jan 29 j 17:19	6° ♉ 12'39			-4356 Jul 12 j 19:09	0° ♏	
	-4358 Feb 18 j 10:37	0° ♊		desc. node	-4356 Jul 16 j 09:52	4° ♏ 02'12	
	-4358 Mar 15 j 05:24	0° ♋			-4356 Aug 09 j 15:06	0° ♐	
	-4358 Apr 08 j 21:21	0° ♈		evening max el	-4356 Aug 13 j 14:10	3° ♐ 59'27	47°18'47
morning set	-4358 Apr 22 j 23:35	17° ♈ 13'05			-4356 Sep 13 j 09:22	0° ♑	
	-4358 May 03 j 09:53	0° ♉		greatest brilliancy	-4356 Sep 23 j 17:52	5° ♑ 05'08	-4.9m
asc. node	-4358 May 22 j 11:50	23° ♉ 28'38		retrograde	-4356 Oct 03 j 05:29	6° ♑ 48'09	
max. Earth dist.	-4358 May 24 j 21:21	26° ♉ 26'08	1.73172 AU	evening set	-4356 Oct 18 j 06:27	2° ♑ 16'57	
	-4358 May 27 j 18:37	0° ♊			-4356 Oct 22 j 03:56	30° ♉	
				inferior conj	-4356 Oct 23 j 18:29	29° ♉ 01'05	-3°23'12
superior conj	-4358 May 28 j 18:24	1° ♊ 13'29	0°14'41	minimum elong	-4356 Oct 24 j 01:40	28° ♉ 50'04	3°21'01
minimum elong	-4358 May 28 j 15:32	1° ♊ 04'36	0°14'38	min. Earth dist.	-4356 Oct 23 j 13:15	29° ♉ 09'05	0.26416 AU
behind sun begin	-4358 May 28 j 06:58	0° ♊ 38'11		morning rise	-4356 Oct 29 j 21:12	25° ♉ 26'43	
behind sun end	-4358 May 29 j 00:05	1° ♊ 31'02		asc. node	-4356 Nov 06 j 06:01	22° ♉ 22'38	
	-4358 Jun 20 j 23:40	0° ♈		direct	-4356 Nov 12 j 23:52	21° ♉ 25'29	
evening rise	-4358 Jul 03 j 14:04	15° ♈ 40'36		greatest brilliancy	-4356 Nov 22 j 21:47	23° ♉ 18'51	-4.9m
	-4358 Jul 15 j 01:56	0° ♎			-4356 Dec 05 j 10:49	0° ♑	
	-4358 Aug 08 j 03:07	0° ♏		morning max el	-4355 Jan 02 j 02:09	23° ♑ 53'43	46°28'42
	-4358 Sep 01 j 05:20	0° ♐			-4355 Jan 08 j 03:06	0° ♒	
desc. node	-4358 Sep 11 j 08:05	12° ♐ 33'03			-4355 Feb 04 j 22:20	0° ♉	
	-4358 Sep 25 j 10:38	0° ♑		desc. node	-4355 Feb 26 j 05:13	24° ♉ 09'35	
	-4358 Oct 19 j 21:21	0° ♒			-4355 Mar 03 j 06:49	0° ♊	
	-4358 Nov 13 j 17:57	0° ♉			-4355 Mar 28 j 23:08	0° ♋	
	-4358 Dec 09 j 11:28	0° ♊			-4355 Apr 23 j 04:42	0° ♈	
asc. node	-4357 Jan 02 j 02:50	25° ♊ 39'37			-4355 May 18 j 01:24	0° ♉	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4355 Jun 11 j 13:57	0°♄		greatest brilliancy	-4353 Dec 04 j 20:09	19°♊11'33	-4.9m
asc. node	-4355 Jun 19 j 00:07	9°♄09'35		retrograde	-4353 Dec 15 j 15:10	21°♊25'11	
morning set	-4355 Jun 29 j 03:22	21°♄43'07		evening set	-4353 Dec 31 j 16:11	16°♊15'08	
	-4355 Jul 05 j 19:11	0°♄		min. Earth dist.	-4352 Jan 04 j 15:39	13°♊47'07	0.28090 AU
	-4355 Jul 29 j 18:42	0°♄		inferior conj	-4352 Jan 05 j 16:29	13°♊07'23	6°43'33
max. Earth dist.	-4355 Aug 02 j 03:50	4°♄14'43	1.71458 AU	minimum elong	-4352 Jan 05 j 07:37	13°♊21'34	6°41'47
				morning rise	-4352 Jan 09 j 23:41	10°♊26'26	
superior conj	-4355 Aug 05 j 10:06	8°♄20'35	1°21'36	direct	-4352 Jan 26 j 14:38	5°♊03'12	
minimum elong	-4355 Aug 05 j 05:44	8°♄06'51	1°21'45	greatest brilliancy	-4352 Feb 04 j 07:57	6°♊28'04	-4.8m
	-4355 Aug 22 j 15:01	0°♄			-4352 Mar 09 j 23:31	0°♄	
evening rise	-4355 Sep 13 j 18:11	27°♄52'06		morning max el	-4352 Mar 15 j 10:03	5°♄05'00	45°54'43
	-4355 Sep 15 j 10:50	0°♄		desc. node	-4352 Mar 25 j 16:29	15°♄12'10	
desc. node	-4355 Oct 08 j 20:28	29°♄23'00			-4352 Apr 08 j 20:41	0°♄	
	-4355 Oct 09 j 08:17	0°♄			-4352 May 05 j 22:31	0°♄	
	-4355 Nov 02 j 08:44	0°♄			-4352 May 31 j 18:49	0°♄	
	-4355 Nov 26 j 13:26	0°♄			-4352 Jun 25 j 20:29	0°♄	
	-4355 Dec 21 j 00:56	0°♄		asc. node	-4352 Jul 16 j 12:17	25°♄15'38	
	-4354 Jan 15 j 00:35	0°♄			-4352 Jul 20 j 08:24	0°♄	
asc. node	-4354 Jan 29 j 14:44	17°♄03'44			-4352 Aug 13 j 10:21	0°♄	
	-4354 Feb 09 j 23:02	0°♄		greatest brilliancy	-4352 Aug 29 j 14:28	20°♄20'13	-3.9m
	-4354 Mar 09 j 21:25	0°♄			-4352 Sep 06 j 06:17	0°♄	
evening max el	-4354 Mar 18 j 15:00	8°♄34'32	45°06'17	morning set	-4352 Sep 08 j 23:52	3°♄27'04	
	-4354 Apr 13 j 23:13	0°♄			-4352 Sep 30 j 00:07	0°♄	
greatest brilliancy	-4354 Apr 25 j 04:05	5°♄36'38	-4.7m				
retrograde	-4354 May 05 j 17:28	7°♄34'44		superior conj	-4352 Oct 19 j 19:59	25°♄01'05	0°37'19
evening set	-4354 May 20 j 13:30	3°♄25'03		minimum elong	-4352 Oct 20 j 05:13	25°♄30'11	0°36'55
desc. node	-4354 May 21 j 12:59	2°♄53'15			-4352 Oct 23 j 18:57	0°♄	
	-4354 May 26 j 10:15	30°♄		max. Earth dist.	-4352 Oct 23 j 20:01	0°♄03'21	1.70990 AU
inferior conj	-4354 May 27 j 01:17	29°♄36'52	-1°17'03	desc. node	-4352 Nov 05 j 08:53	15°♄48'40	
minimum elong	-4354 May 26 j 22:27	29°♄41'13	1°16'08		-4352 Nov 16 j 16:32	0°♄	
min. Earth dist.	-4354 May 27 j 15:08	29°♄15'34	0.28495 AU	evening rise	-4352 Dec 01 j 11:33	18°♄28'45	
morning rise	-4354 Jun 02 j 06:44	25°♄55'33			-4352 Dec 10 j 17:30	0°♄	
direct	-4354 Jun 17 j 17:27	21°♄24'47			-4351 Jan 03 j 22:17	0°♄	
greatest brilliancy	-4354 Jun 28 j 19:58	23°♄37'55	-4.8m		-4351 Jan 28 j 08:14	0°♄	
	-4354 Jul 10 j 18:22	0°♄			-4351 Feb 22 j 01:57	0°♄	
morning max el	-4354 Aug 06 j 13:30	22°♄50'29	46°28'06	asc. node	-4351 Feb 26 j 02:51	4°♄50'46	
	-4354 Aug 13 j 14:38	0°♄			-4351 Mar 19 j 07:27	0°♄	
	-4354 Sep 09 j 18:09	0°♄			-4351 Apr 14 j 07:18	0°♄	
asc. node	-4354 Sep 11 j 09:43	1°♄54'40			-4351 May 11 j 16:20	0°♄	
	-4354 Oct 05 j 00:29	0°♄		evening max el	-4351 May 29 j 06:50	17°♄46'19	45°47'43
	-4354 Oct 29 j 12:21	0°♄			-4351 Jun 11 j 19:25	0°♄	
	-4354 Nov 22 j 17:58	0°♄		desc. node	-4351 Jun 18 j 00:28	4°♄58'44	
	-4354 Dec 16 j 23:24	0°♄		greatest brilliancy	-4351 Jul 08 j 04:52	16°♄31'16	-4.8m
desc. node	-4353 Jan 01 j 07:27	18°♄56'21		retrograde	-4351 Jul 17 j 13:48	18°♄07'33	
	-4353 Jan 10 j 06:48	0°♄		evening set	-4351 Aug 04 j 04:33	12°♄23'21	
	-4353 Feb 03 j 16:06	0°♄		inferior conj	-4351 Aug 07 j 11:46	10°♄25'34	-8°45'56
morning set	-4353 Feb 11 j 11:40	9°♄36'02		minimum elong	-4351 Aug 07 j 07:42	10°♄31'42	8°45'29
	-4353 Feb 28 j 02:26	0°♄		min. Earth dist.	-4351 Aug 07 j 19:55	10°♄13'15	0.27240 AU
				morning rise	-4351 Aug 10 j 10:40	8°♄39'23	
superior conj	-4353 Mar 20 j 19:23	25°♄24'42	-1°08'19	direct	-4351 Aug 28 j 06:56	2°♄38'20	
minimum elong	-4353 Mar 21 j 03:35	25°♄49'53	1°08'12	greatest brilliancy	-4351 Sep 08 j 05:13	4°♄51'57	-4.9m
max. Earth dist.	-4353 Mar 20 j 15:22	25°♄12'22	1.73697 AU	asc. node	-4351 Oct 08 j 20:53	27°♄00'12	
	-4353 Mar 24 j 13:07	0°♄			-4351 Oct 11 j 23:34	0°♄	
	-4353 Apr 17 j 23:42	0°♄		morning max el	-4351 Oct 18 j 02:05	6°♄06'53	46°52'07
asc. node	-4353 Apr 24 j 01:28	7°♄27'23			-4351 Nov 09 j 02:40	0°♄	
evening rise	-4353 Apr 25 j 22:46	9°♄46'28			-4351 Dec 04 j 23:12	0°♄	
	-4353 May 12 j 10:02	0°♄			-4351 Dec 30 j 03:08	0°♄	
	-4353 Jun 05 j 20:19	0°♄			-4350 Jan 24 j 01:48	0°♄	
	-4353 Jun 30 j 07:27	0°♄		desc. node	-4350 Jan 28 j 19:31	5°♄42'51	
	-4353 Jul 24 j 21:16	0°♄			-4350 Feb 17 j 22:16	0°♄	
desc. node	-4353 Aug 13 j 21:57	24°♄14'49			-4350 Mar 14 j 16:40	0°♄	
	-4353 Aug 18 j 16:50	0°♄			-4350 Apr 08 j 08:22	0°♄	
	-4353 Sep 12 j 23:30	0°♄		morning set	-4350 Apr 20 j 18:33	15°♄10'43	
	-4353 Oct 09 j 06:08	0°♄			-4350 May 02 j 20:47	0°♄	
evening max el	-4353 Oct 25 j 13:38	17°♄25'05	47°23'02	asc. node	-4350 May 21 j 13:57	23°♄01'35	
	-4353 Nov 07 j 11:33	0°♄		max. Earth dist.	-4350 May 22 j 19:50	24°♄33'47	1.73217 AU
asc. node	-4353 Dec 04 j 17:28	19°♄08'53					

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4350 May 26 j 13:07	29° Υ 09'22	0°11'39	min. Earth dist.	-4348 Oct 21 j 02:27	26° \mathbb{M} 37'08	0.26404 AU
minimum elong	-4350 May 26 j 10:49	29° Υ 02'18	0°11'38	morning rise	-4348 Oct 27 j 08:10	22° \mathbb{M} 58'06	
behind sun begin	-4350 May 25 j 19:37	28° Υ 15'22		asc. node	-4348 Nov 05 j 08:13	19° \mathbb{M} 29'16	
behind sun end	-4350 May 27 j 02:01	29° Υ 49'14		direct	-4348 Nov 10 j 12:39	18° \mathbb{M} 55'39	
	-4350 May 27 j 05:30	0° \mathcal{B}		greatest brilliancy	-4348 Nov 20 j 10:49	20° \mathbb{M} 49'24	-4.9m
	-4350 Jun 20 j 10:39	0° \mathbb{I}			-4348 Dec 06 j 11:17	0° \mathcal{A}	
evening rise	-4350 Jul 01 j 07:50	13° \mathbb{I} 32'06		morning max el	-4348 Dec 30 j 15:50	21° \mathcal{A} 29'55	46°29'56
	-4350 Jul 14 j 13:06	0° \mathcal{E}			-4347 Jan 08 j 00:07	0° \mathbb{M}	
	-4350 Aug 07 j 14:33	0° \mathcal{Q}			-4347 Feb 04 j 14:10	0° \mathcal{X}	
	-4350 Aug 31 j 17:07	0° \mathbb{M}		desc. node	-4347 Feb 25 j 07:10	23° \mathcal{X} 34'59	
desc. node	-4350 Sep 10 j 10:06	12° \mathbb{M} 02'19			-4347 Mar 02 j 20:27	0° \mathcal{Z}	
	-4350 Sep 24 j 22:51	0° \mathcal{A}			-4347 Mar 28 j 11:35	0° \mathcal{A}	
	-4350 Oct 19 j 10:09	0° \mathbb{M}			-4347 Apr 22 j 16:29	0° \mathcal{H}	
	-4350 Nov 13 j 07:42	0° \mathcal{X}			-4347 May 17 j 12:47	0° Υ	
	-4350 Dec 09 j 03:13	0° \mathcal{Z}			-4347 Jun 11 j 01:09	0° \mathcal{B}	
asc. node	-4349 Jan 01 j 05:06	24° \mathcal{Z} 53'56		asc. node	-4347 Jun 18 j 02:19	8° \mathcal{B} 41'50	
evening max el	-4349 Jan 04 j 07:49	28° \mathcal{Z} 01'43	45°59'30	morning set	-4347 Jun 26 j 20:30	19° \mathcal{B} 32'43	
	-4349 Jan 06 j 07:47	0° \mathcal{A}			-4347 Jul 05 j 06:20	0° \mathbb{I}	
greatest brilliancy	-4349 Feb 11 j 21:11	27° \mathcal{A} 12'50	-4.7m		-4347 Jul 29 j 05:54	0° \mathcal{E}	
retrograde	-4349 Feb 22 j 17:58	29° \mathcal{A} 23'01		max. Earth dist.	-4347 Jul 30 j 11:43	1° \mathcal{E} 33'36	1.71516 AU
evening set	-4349 Mar 11 j 23:23	23° \mathcal{A} 39'41					
inferior conj	-4349 Mar 16 j 04:39	21° \mathcal{A} 02'01	7°07'46	superior conj	-4347 Aug 03 j 01:07	6° \mathcal{E} 01'45	1°20'43
minimum elong	-4349 Mar 16 j 12:23	20° \mathcal{A} 49'44	7°06'33	minimum elong	-4347 Aug 02 j 20:05	5° \mathcal{E} 45'54	1°20'51
min. Earth dist.	-4349 Mar 16 j 13:50	20° \mathcal{A} 47'27	0.29388 AU		-4347 Aug 22 j 02:19	0° \mathcal{Q}	
morning rise	-4349 Mar 21 j 01:23	18° \mathcal{A} 01'07		evening rise	-4347 Sep 11 j 04:39	25° \mathcal{Q} 18'06	
direct	-4349 Apr 06 j 22:27	12° \mathcal{A} 34'21			-4347 Sep 14 j 22:16	0° \mathbb{M}	
greatest brilliancy	-4349 Apr 17 j 03:13	14° \mathcal{A} 26'42	-4.7m	desc. node	-4347 Oct 07 j 22:32	28° \mathbb{M} 53'14	
desc. node	-4349 Apr 23 j 03:42	17° \mathcal{A} 02'49			-4347 Oct 08 j 19:51	0° \mathcal{A}	
	-4349 May 12 j 00:07	0° \mathcal{H}			-4347 Nov 01 j 20:27	0° \mathbb{M}	
morning max el	-4349 May 25 j 22:25	12° \mathcal{H} 29'50	45°54'03		-4347 Nov 26 j 01:24	0° \mathcal{X}	
	-4349 Jun 12 j 06:06	0° Υ			-4347 Dec 20 j 13:21	0° \mathcal{Z}	
	-4349 Jul 09 j 08:56	0° \mathcal{B}			-4346 Jan 14 j 13:51	0° \mathcal{A}	
	-4349 Aug 03 j 20:57	0° \mathbb{I}		asc. node	-4346 Jan 28 j 16:50	16° \mathcal{A} 29'15	
asc. node	-4349 Aug 14 j 00:13	12° \mathbb{I} 15'48			-4346 Feb 09 j 14:07	0° \mathcal{H}	
	-4349 Aug 28 j 11:18	0° \mathcal{E}			-4346 Mar 09 j 17:31	0° Υ	
	-4349 Sep 21 j 13:20	0° \mathcal{Q}		evening max el	-4346 Mar 16 j 05:59	6° Υ 21'39	45°06'32
	-4349 Oct 15 j 10:02	0° \mathbb{M}			-4346 Apr 15 j 07:43	0° \mathcal{B}	
	-4349 Nov 08 j 06:23	0° \mathcal{A}		greatest brilliancy	-4346 Apr 22 j 19:41	3° \mathcal{B} 26'03	-4.7m
morning set	-4349 Nov 25 j 22:40	22° \mathcal{A} 09'46		retrograde	-4346 May 03 j 08:14	5° \mathcal{B} 23'54	
	-4349 Dec 02 j 05:07	0° \mathbb{M}		evening set	-4346 May 18 j 05:18	1° \mathcal{B} 13'29	
desc. node	-4349 Dec 03 j 21:17	2° \mathbb{M} 05'28			-4346 May 20 j 10:18	30° \mathcal{R} Υ	
	-4349 Dec 26 j 06:58	0° \mathcal{X}		desc. node	-4346 May 20 j 15:08	29° Υ 53'02	
				inferior conj	-4346 May 24 j 16:57	27° Υ 25'26	-0°56'59
superior conj	-4348 Jan 06 j 15:40	14° \mathcal{X} 06'19	-1°07'21	minimum elong	-4346 May 24 j 14:51	27° Υ 28'40	0°56'17
minimum elong	-4348 Jan 06 j 05:22	13° \mathcal{X} 34'23	1°07'16	min. Earth dist.	-4346 May 25 j 07:36	27° Υ 02'51	0.28540 AU
max. Earth dist.	-4348 Jan 10 j 09:15	18° \mathcal{X} 43'56	1.72516 AU	morning rise	-4346 May 30 j 23:36	23° Υ 41'55	
	-4348 Jan 19 j 11:43	0° \mathcal{Z}		direct	-4346 Jun 15 j 09:04	19° Υ 12'25	
	-4348 Feb 12 j 19:12	0° \mathcal{A}		greatest brilliancy	-4346 Jun 26 j 12:25	21° Υ 25'39	-4.8m
evening rise	-4348 Feb 14 j 16:58	2° \mathcal{A} 20'46			-4346 Jul 11 j 15:18	0° \mathcal{B}	
greatest brilliancy	-4348 Feb 23 j 13:53	13° \mathcal{A} 14'58	-3.9m	morning max el	-4346 Aug 04 j 03:27	20° \mathcal{B} 30'22	46°26'43
	-4348 Mar 08 j 05:49	0° \mathcal{H}			-4346 Aug 13 j 10:32	0° \mathbb{I}	
asc. node	-4348 Mar 25 j 15:09	21° \mathcal{H} 13'32			-4346 Sep 09 j 09:37	0° \mathcal{E}	
	-4348 Apr 01 j 20:18	0° Υ		asc. node	-4346 Sep 10 j 11:46	1° \mathcal{E} 16'03	
	-4348 Apr 26 j 15:40	0° \mathcal{B}			-4346 Oct 04 j 14:12	0° \mathcal{Q}	
	-4348 May 21 j 17:30	0° \mathbb{I}			-4346 Oct 29 j 01:09	0° \mathbb{M}	
	-4348 Jun 16 j 05:20	0° \mathcal{E}			-4346 Nov 22 j 06:13	0° \mathcal{A}	
	-4348 Jul 12 j 11:46	0° \mathcal{Q}			-4346 Dec 16 j 11:14	0° \mathbb{M}	
desc. node	-4348 Jul 15 j 12:04	3° \mathcal{Q} 20'52		desc. node	-4346 Dec 31 j 09:37	18° \mathbb{M} 27'05	
	-4348 Aug 09 j 13:58	0° \mathbb{M}			-4345 Jan 09 j 18:20	0° \mathcal{X}	
evening max el	-4348 Aug 11 j 04:49	1° \mathbb{M} 37'01	47°16'31		-4345 Feb 03 j 03:25	0° \mathcal{Z}	
	-4348 Sep 15 j 07:37	0° \mathcal{A}		morning set	-4345 Feb 09 j 02:38	7° \mathcal{Z} 20'03	
greatest brilliancy	-4348 Sep 21 j 07:00	2° \mathcal{A} 34'56	-4.9m		-4345 Feb 27 j 13:35	0° \mathcal{A}	
retrograde	-4348 Sep 30 j 18:06	4° \mathcal{A} 16'52					
	-4348 Oct 15 j 08:54	30° \mathcal{R} \mathbb{M}		superior conj	-4345 Mar 18 j 13:22	23° \mathcal{A} 18'42	-1°10'03
evening set	-4348 Oct 15 j 21:16	29° \mathbb{M} 42'59		minimum elong	-4345 Mar 18 j 21:22	23° \mathcal{A} 43'16	1°09'59
inferior conj	-4348 Oct 21 j 06:41	26° \mathbb{M} 30'38	-3°45'47	max. Earth dist.	-4345 Mar 18 j 10:55	23° \mathcal{A} 11'11	1.73680 AU
minimum elong	-4348 Oct 21 j 14:33	26° \mathbb{M} 18'35	3°43'26		-4345 Mar 24 j 00:10	0° \mathcal{H}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4345 Apr 17 j 10:45	0°♈		morning max el	-4343 Oct 15 j 16:37	3°♏42'52	46°51'59
asc. node	-4345 Apr 23 j 03:40	7°♈00'06			-4343 Nov 08 j 19:53	0°♐	
evening rise	-4345 Apr 23 j 18:05	7°♈44'22			-4343 Dec 04 j 13:45	0°♑	
	-4345 May 11 j 21:14	0°♉			-4343 Dec 29 j 16:20	0°♒	
	-4345 Jun 05 j 07:49	0°♊			-4342 Jan 23 j 14:08	0°♓	
	-4345 Jun 29 j 19:25	0°♋		desc. node	-4342 Jan 27 j 21:32	5°♓12'04	
	-4345 Jul 24 j 09:54	0°♌			-4342 Feb 17 j 10:01	0°♔	
desc. node	-4345 Aug 12 j 23:55	23°♌40'37			-4342 Mar 14 j 03:59	0°♕	
	-4345 Aug 18 j 06:25	0°♐			-4342 Apr 07 j 19:25	0°♖	
	-4345 Sep 12 j 14:40	0°♑		morning set	-4342 Apr 18 j 13:28	13°♖08'10	
	-4345 Oct 09 j 00:34	0°♒			-4342 May 02 j 07:42	0°♗	
evening max el	-4345 Oct 23 j 03:56	15°♒01'31	47°24'58	max. Earth dist.	-4342 May 20 j 17:51	22°♗39'59	1.73260 AU
	-4345 Nov 07 j 17:17	0°♓		asc. node	-4342 May 20 j 16:08	22°♗34'41	
greatest brilliancy	-4345 Dec 02 j 13:05	16°♓53'32	-4.9m				
asc. node	-4345 Dec 03 j 19:42	17°♓22'10		superior conj	-4342 May 24 j 07:56	27°♗05'34	0°08'36
retrograde	-4345 Dec 13 j 06:38	19°♓06'23		minimum elong	-4342 May 24 j 06:14	27°♗00'19	0°08'36
evening set	-4345 Dec 29 j 04:53	14°♓00'53		behind sun begin	-4342 May 23 j 11:29	26°♗02'25	
min. Earth dist.	-4344 Jan 02 j 06:58	11°♓29'24	0.28013 AU	behind sun end	-4342 May 25 j 01:00	27°♗58'15	
inferior conj	-4344 Jan 03 j 07:56	10°♓49'32	6°31'18		-4342 May 26 j 16:26	0°♘	
minimum elong	-4344 Jan 02 j 22:52	11°♓04'01	6°29'24		-4342 Jun 19 j 21:40	0°♙	
morning rise	-4344 Jan 07 j 17:28	8°♓05'12		evening rise	-4342 Jun 29 j 01:52	11°♙24'26	
direct	-4344 Jan 24 j 04:33	2°♓46'25			-4342 Jul 14 j 00:16	0°♚	
greatest brilliancy	-4344 Feb 01 j 23:08	4°♓12'08	-4.8m		-4342 Aug 07 j 01:58	0°♛	
	-4344 Mar 10 j 00:38	0°♜			-4342 Aug 31 j 04:52	0°♞	
morning max el	-4344 Mar 13 j 00:34	2°♜49'46	45°55'31	desc. node	-4342 Sep 09 j 12:14	11°♞32'07	
desc. node	-4344 Mar 24 j 18:38	14°♜28'00			-4342 Sep 24 j 11:01	0°♟	
	-4344 Apr 08 j 13:21	0°♞			-4342 Oct 18 j 22:56	0°♠	
	-4344 May 05 j 12:23	0°♟			-4342 Nov 12 j 21:30	0°♡	
	-4344 May 31 j 07:22	0°♠			-4342 Dec 08 j 19:13	0°♢	
	-4344 Jun 25 j 08:20	0°♘		asc. node	-4342 Dec 31 j 07:13	24°♢06'55	
asc. node	-4344 Jul 15 j 14:26	24°♘46'37		evening max el	-4341 Jan 02 j 00:28	25°♢50'17	46°02'31
	-4344 Jul 19 j 19:55	0°♙			-4341 Jan 06 j 06:30	0°♣	
	-4344 Aug 12 j 21:43	0°♚		greatest brilliancy	-4341 Feb 09 j 13:55	25°♣04'56	-4.8m
greatest brilliancy	-4344 Aug 29 j 03:09	20°♚24'33	-3.9m	retrograde	-4341 Feb 20 j 11:33	27°♣15'41	
	-4344 Sep 05 j 17:36	0°♛		evening set	-4341 Mar 09 j 18:39	21°♣28'59	
morning set	-4344 Sep 06 j 12:07	0°♛58'28		inferior conj	-4341 Mar 13 j 21:46	18°♣54'10	7°16'47
	-4344 Sep 29 j 11:26	0°♞		minimum elong	-4341 Mar 14 j 05:09	18°♣42'27	7°15'42
				min. Earth dist.	-4341 Mar 14 j 05:30	18°♣41'53	0.29384 AU
superior conj	-4344 Oct 17 j 04:58	22°♞22'25	0°40'51	morning rise	-4341 Mar 18 j 15:43	15°♣57'18	
minimum elong	-4344 Oct 17 j 14:49	22°♞53'28	0°40'29	direct	-4341 Apr 04 j 15:51	10°♣26'51	
max. Earth dist.	-4344 Oct 20 j 22:06	27°♞03'06	1.70965 AU	greatest brilliancy	-4341 Apr 14 j 17:46	12°♣17'09	-4.7m
	-4344 Oct 23 j 06:18	0°♟		desc. node	-4341 Apr 22 j 05:55	15°♣39'21	
desc. node	-4344 Nov 04 j 11:05	15°♟19'52			-4341 May 12 j 05:32	0°♤	
	-4344 Nov 16 j 03:55	0°♠		morning max el	-4341 May 23 j 15:15	10°♤22'12	45°53'16
evening rise	-4344 Nov 28 j 21:02	15°♠53'14			-4341 Jun 11 j 23:25	0°♥	
	-4344 Dec 10 j 04:53	0°♡			-4341 Jul 08 j 23:02	0°♦	
	-4343 Jan 03 j 09:43	0°♢			-4341 Aug 03 j 09:40	0°♧	
	-4343 Jan 27 j 19:50	0°♣		asc. node	-4341 Aug 13 j 02:15	11°♧44'16	
	-4343 Feb 21 j 13:59	0°♤			-4341 Aug 27 j 23:18	0°♨	
asc. node	-4343 Feb 25 j 04:56	4°♤20'39			-4341 Sep 21 j 00:58	0°♩	
	-4343 Mar 18 j 20:22	0°♥			-4341 Oct 14 j 21:27	0°♪	
	-4343 Apr 13 j 21:58	0°♦			-4341 Nov 07 j 17:39	0°♫	
	-4343 May 11 j 10:58	0°♧		morning set	-4341 Nov 23 j 08:47	19°♫36'17	
evening max el	-4343 May 26 j 20:49	15°♧27'54	45°45'06		-4341 Dec 01 j 16:15	0°♬	
	-4343 Jun 12 j 05:16	0°♨		desc. node	-4341 Dec 02 j 23:25	1°♬37'21	
desc. node	-4343 Jun 17 j 02:40	3°♨46'41			-4341 Dec 25 j 18:00	0°♭	
greatest brilliancy	-4343 Jul 05 j 15:21	14°♨06'05	-4.8m				
retrograde	-4343 Jul 15 j 02:53	15°♨44'19		superior conj	-4340 Jan 04 j 03:52	11°♭41'09	-1°05'08
evening set	-4343 Aug 01 j 14:01	10°♨04'22		minimum elong	-4340 Jan 03 j 17:17	11°♭08'18	1°05'00
inferior conj	-4343 Aug 05 j 00:40	8°♨01'41	-8°40'30	max. Earth dist.	-4340 Jan 08 j 02:22	16°♭34'10	1.72462 AU
minimum elong	-4343 Aug 04 j 19:46	8°♨09'05	8°39'57		-4340 Jan 18 j 22:41	0°♣	
min. Earth dist.	-4343 Aug 05 j 08:16	7°♨50'14	0.27285 AU	evening rise	-4340 Feb 12 j 08:31	0°♣07'15	
morning rise	-4343 Aug 08 j 01:20	6°♨13'08			-4340 Feb 12 j 06:09	0°♤	
direct	-4343 Aug 25 j 21:08	0°♩13'41		greatest brilliancy	-4340 Feb 22 j 14:21	12°♣42'47	-3.9m
greatest brilliancy	-4343 Sep 05 j 18:58	2°♩27'23	-4.9m		-4340 Mar 07 j 16:51	0°♥	
asc. node	-4343 Oct 07 j 23:11	26°♩01'41		asc. node	-4340 Mar 24 j 17:21	20°♥46'16	
	-4343 Oct 12 j 00:26	0°♊			-4340 Apr 01 j 07:35	0°♦	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4340 Apr 26 j 03:25	0°♄			-4338 Oct 04 j 03:25	0°♌	
	-4340 May 21 j 06:05	0°♊			-4338 Oct 28 j 13:32	0°♍	
	-4340 Jun 15 j 19:21	0°♎			-4338 Nov 21 j 18:04	0°♏	
	-4340 Jul 12 j 04:29	0°♍			-4338 Dec 15 j 22:42	0°♐	
desc. node	-4340 Jul 14 j 14:05	2°♌39'13		desc. node	-4338 Dec 30 j 11:37	17°♐58'27	
evening max el	-4340 Aug 08 j 18:51	29°♌13'47	47°14'03		-4337 Jan 09 j 05:29	0°♑	
	-4340 Aug 09 j 13:31	0°♍			-4337 Feb 02 j 14:19	0°♒	
	-4340 Sep 18 j 13:13	0°♎		morning set	-4337 Feb 06 j 17:42	5°♒05'31	
greatest brilliancy	-4340 Sep 18 j 20:47	0°♎06'33	-4.9m		-4337 Feb 27 j 00:19	0°♓	
retrograde	-4340 Sep 28 j 06:20	1°♎46'43					
	-4340 Oct 07 j 13:41	30°♏♍		superior conj	-4337 Mar 16 j 07:30	21°♓14'27	-1°11'41
evening set	-4340 Oct 13 j 12:21	27°♏10'10		minimum elong	-4337 Mar 16 j 15:16	21°♓38'17	1°11'38
inferior conj	-4340 Oct 18 j 19:02	24°♏01'37	-4°07'48	max. Earth dist.	-4337 Mar 16 j 06:41	21°♓11'56	1.73665 AU
minimum elong	-4340 Oct 19 j 03:30	23°♏48'37	4°05'20		-4337 Mar 23 j 10:48	0°♈	
min. Earth dist.	-4340 Oct 18 j 16:03	24°♏06'10	0.26392 AU		-4337 Apr 16 j 21:26	0°♉	
morning rise	-4340 Oct 24 j 18:56	20°♏31'01		evening rise	-4337 Apr 21 j 13:32	5°♉43'53	
asc. node	-4340 Nov 04 j 10:23	16°♏43'22		asc. node	-4337 Apr 22 j 05:50	6°♉33'53	
direct	-4340 Nov 08 j 01:03	16°♏27'11			-4337 May 11 j 08:05	0°♊	
greatest brilliancy	-4340 Nov 18 j 00:23	18°♏21'42	-4.9m		-4337 Jun 04 j 18:59	0°♋	
	-4340 Dec 07 j 04:49	0°♏			-4337 Jun 29 j 07:03	0°♌	
morning max el	-4340 Dec 28 j 04:32	19°♏04'32	46°31'10		-4337 Jul 23 j 22:11	0°♍	
	-4339 Jan 07 j 20:02	0°♐		desc. node	-4337 Aug 12 j 02:04	23°♍07'57	
	-4339 Feb 04 j 05:24	0°♑			-4337 Aug 17 j 19:42	0°♎	
desc. node	-4339 Feb 24 j 09:20	23°♑02'05			-4337 Sep 12 j 05:37	0°♏	
	-4339 Mar 02 j 09:40	0°♒			-4337 Oct 08 j 19:05	0°♐	
	-4339 Mar 27 j 23:43	0°♓		evening max el	-4337 Oct 20 j 18:33	12°♐39'43	47°26'44
	-4339 Apr 22 j 03:58	0°♈			-4337 Nov 08 j 00:50	0°♑	
	-4339 May 16 j 23:53	0°♉		greatest brilliancy	-4337 Nov 30 j 05:25	14°♑35'19	-4.9m
asc. node	-4339 Jun 10 j 12:02	0°♊		asc. node	-4337 Dec 02 j 21:51	15°♑31'54	
morning set	-4339 Jun 17 j 04:22	8°♊14'38		retrograde	-4337 Dec 10 j 22:21	16°♑48'09	
	-4339 Jun 24 j 13:44	17°♊23'39		evening set	-4337 Dec 26 j 17:28	11°♑46'51	
	-4339 Jul 04 j 17:09	0°♋		min. Earth dist.	-4337 Dec 30 j 21:57	9°♑12'21	0.27934 AU
max. Earth dist.	-4339 Jul 27 j 22:56	29°♋04'01	1.71578 AU	inferior conj	-4337 Dec 31 j 23:14	8°♑32'06	6°18'16
	-4339 Jul 28 j 16:47	0°♌		minimum elong	-4337 Dec 31 j 14:02	8°♑46'45	6°16'14
				morning rise	-4336 Jan 05 j 11:12	5°♑44'31	
superior conj	-4339 Jul 31 j 16:23	3°♌44'43	1°19'42	direct	-4336 Jan 21 j 18:32	0°♑30'01	
minimum elong	-4339 Jul 31 j 10:43	3°♌26'56	1°19'50	greatest brilliancy	-4336 Jan 30 j 13:53	1°♑56'33	-4.8m
	-4339 Aug 21 j 13:20	0°♍			-4336 Mar 10 j 00:06	0°♒	
evening rise	-4339 Sep 08 j 15:31	22°♍46'22		morning max el	-4336 Mar 10 j 15:50	0°♒37'30	45°56'29
	-4339 Sep 14 j 09:25	0°♎		desc. node	-4336 Mar 23 j 20:51	13°♒45'46	
desc. node	-4339 Oct 07 j 00:44	28°♎24'51			-4336 Apr 08 j 05:15	0°♓	
	-4339 Oct 08 j 07:08	0°♏			-4336 May 05 j 01:42	0°♈	
	-4339 Nov 01 j 07:53	0°♐			-4336 May 30 j 19:29	0°♉	
	-4339 Nov 25 j 13:03	0°♑			-4336 Jun 24 j 19:51	0°♊	
	-4339 Dec 20 j 01:25	0°♒		asc. node	-4336 Jul 14 j 16:30	24°♊18'18	
	-4338 Jan 14 j 02:46	0°♓			-4336 Jul 19 j 07:07	0°♋	
asc. node	-4338 Jan 27 j 18:54	15°♓55'42			-4336 Aug 12 j 08:46	0°♌	
	-4338 Feb 09 j 04:58	0°♈		greatest brilliancy	-4336 Aug 28 j 14:09	20°♌24'31	-3.9m
	-4338 Mar 09 j 13:48	0°♉		morning set	-4336 Sep 04 j 00:31	28°♌31'23	
evening max el	-4338 Mar 13 j 20:28	4°♉08'37	45°06'48		-4336 Sep 05 j 04:36	0°♍	
	-4338 Apr 17 j 07:15	0°♊			-4336 Sep 28 j 22:26	0°♎	
greatest brilliancy	-4338 Apr 20 j 11:07	1°♊16'26	-4.7m				
retrograde	-4338 Apr 30 j 23:26	3°♊14'38		superior conj	-4336 Oct 14 j 13:58	19°♎44'44	0°44'19
	-4338 May 14 j 00:14	30°♏♉		minimum elong	-4336 Oct 15 j 00:21	20°♎17'29	0°43'56
evening set	-4338 May 15 j 21:23	29°♏02'55		max. Earth dist.	-4336 Oct 18 j 03:46	24°♎15'04	1.70944 AU
desc. node	-4338 May 19 j 17:17	26°♏52'13			-4336 Oct 22 j 17:21	0°♏	
inferior conj	-4338 May 22 j 08:45	25°♏15'24	-0°36'58	desc. node	-4336 Nov 03 j 13:07	14°♏51'32	
minimum elong	-4338 May 22 j 07:23	25°♏17'30	0°36'30		-4336 Nov 15 j 15:01	0°♐	
min. Earth dist.	-4338 May 23 j 00:12	24°♏51'35	0.28585 AU	evening rise	-4336 Nov 26 j 06:28	13°♐18'17	
morning rise	-4338 May 28 j 16:31	21°♏30'05			-4336 Dec 09 j 16:01	0°♑	
direct	-4338 Jun 13 j 00:41	17°♏01'20			-4335 Jan 02 j 20:55	0°♒	
greatest brilliancy	-4338 Jun 24 j 05:21	19°♏15'23	-4.8m		-4335 Jan 27 j 07:12	0°♓	
	-4338 Jul 12 j 06:20	0°♊			-4335 Feb 21 j 01:45	0°♈	
morning max el	-4338 Aug 01 j 18:01	18°♊13'07	46°25'25	asc. node	-4335 Feb 24 j 07:13	3°♈52'01	
	-4338 Aug 13 j 05:26	0°♋			-4335 Mar 18 j 09:02	0°♉	
	-4338 Sep 09 j 00:28	0°♌			-4335 Apr 13 j 12:25	0°♊	
asc. node	-4338 Sep 09 j 14:04	0°♌39'40			-4335 May 11 j 05:42	0°♋	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4335 May 24 j 11:30	13° Π 12'16	45°42'22			-4333 Nov 07 j 05:00	0° $\underline{\text{a}}$	
	-4335 Jun 12 j 17:58	0° ☿		morning set		-4333 Nov 20 j 18:27	17° $\underline{\text{a}}$ 00'59	
desc. node	-4335 Jun 16 j 04:41	2° ☿ 32'54				-4333 Dec 01 j 03:29	0° M	
greatest brilliancy	-4335 Jul 03 j 01:55	11° ☿ 42'05	-4.8m	desc. node		-4333 Dec 02 j 01:27	1° M 08'39	
retrograde	-4335 Jul 12 j 16:01	13° ☿ 21'52				-4333 Dec 25 j 05:07	0° X	
evening set	-4335 Jul 29 j 23:21	7° ☿ 46'49						
inferior conj	-4335 Aug 02 j 13:38	5° ☿ 38'42	-8°34'12	superior conj		-4332 Jan 01 j 15:35	9° X 14'08	-1°02'46
minimum elong	-4335 Aug 02 j 07:55	5° ☿ 47'19	8°33'31	minimum elong		-4332 Jan 01 j 04:46	8° X 40'34	1°02'36
min. Earth dist.	-4335 Aug 02 j 20:33	5° ☿ 28'15	0.27330 AU	max. Earth dist.		-4332 Jan 05 j 19:46	14° X 24'53	1.72403 AU
morning rise	-4335 Aug 05 j 16:20	3° ☿ 47'10				-4332 Jan 18 j 09:43	0° Z	
	-4335 Aug 13 j 02:35	30° R Π		evening rise		-4332 Feb 09 j 23:41	27° Z 52'14	
direct	-4335 Aug 23 j 11:31	27° Π 50'08				-4332 Feb 11 j 17:12	0° \approx	
	-4335 Sep 03 j 05:10	0° ☿		greatest brilliancy		-4332 Feb 22 j 01:42	12° \approx 43'40	-3.9m
greatest brilliancy	-4335 Sep 03 j 08:17	0° ☿ 03'01	-4.9m			-4332 Mar 07 j 04:00	0° H	
asc. node	-4335 Oct 07 j 01:19	25° ☿ 04'37		asc. node		-4332 Mar 23 j 19:30	20° H 18'26	
	-4335 Oct 11 j 23:56	0° Ω				-4332 Mar 31 j 18:59	0° Y	
morning max el	-4335 Oct 13 j 06:54	1° Ω 18'55	46°51'45			-4332 Apr 25 j 15:18	0° B	
	-4335 Nov 08 j 12:32	0° M				-4332 May 20 j 18:48	0° Π	
	-4335 Dec 04 j 03:56	0° $\underline{\text{a}}$				-4332 Jun 15 j 09:31	0° ☿	
	-4335 Dec 29 j 05:14	0° M				-4332 Jul 11 j 21:31	0° Ω	
	-4334 Jan 23 j 02:14	0° X		desc. node		-4332 Jul 13 j 16:16	1° Ω 57'30	
desc. node	-4334 Jan 26 j 23:39	4° X 42'12		evening max el		-4332 Aug 06 j 07:33	26° Ω 47'10	47°11'23
	-4334 Feb 16 j 21:33	0° Z				-4332 Aug 09 j 14:13	0° M	
	-4334 Mar 13 j 15:07	0° \approx		greatest brilliancy		-4332 Sep 16 j 10:41	27° M 37'42	-4.9m
	-4334 Apr 07 j 06:17	0° H		retrograde		-4332 Sep 25 j 17:52	29° M 15'49	
morning set	-4334 Apr 16 j 08:36	11° H 06'53		evening set		-4332 Oct 11 j 03:22	24° M 36'05	
	-4334 May 01 j 18:27	0° Y		inferior conj		-4332 Oct 16 j 07:14	21° M 31'41	-4°29'28
max. Earth dist.	-4334 May 18 j 15:26	20° Y 45'30	1.73299 AU	minimum elong		-4332 Oct 16 j 16:15	21° M 17'51	4°26'53
asc. node	-4334 May 19 j 18:12	22° Y 08'02		min. Earth dist.		-4332 Oct 16 j 05:46	21° M 33'55	0.26391 AU
				morning rise		-4332 Oct 22 j 05:18	18° M 03'18	
superior conj	-4334 May 22 j 03:02	25° Y 03'18	0°05'35	asc. node		-4332 Nov 03 j 12:30	14° M 02'22	
minimum elong	-4334 May 22 j 01:56	24° Y 59'52	0°05'36	direct		-4332 Nov 05 j 12:55	13° M 57'21	
behind sun begin	-4334 May 21 j 05:06	23° Y 55'36		greatest brilliancy		-4332 Nov 15 j 14:25	15° M 53'24	-4.9m
behind sun end	-4334 May 22 j 22:46	26° Y 04'09				-4332 Dec 07 j 18:24	0° $\underline{\text{a}}$	
	-4334 May 26 j 03:10	0° B		morning max el		-4332 Dec 25 j 16:37	16° $\underline{\text{a}}$ 36'19	46°32'26
	-4334 Jun 19 j 08:30	0° Π				-4331 Jan 07 j 15:44	0° M	
evening rise	-4334 Jun 26 j 20:10	9° Π 18'08				-4331 Feb 03 j 20:44	0° X	
	-4334 Jul 13 j 11:19	0° ☿		desc. node		-4331 Feb 23 j 11:34	22° X 28'44	
	-4334 Aug 06 j 13:18	0° Ω				-4331 Mar 01 j 23:03	0° Z	
	-4334 Aug 30 j 16:34	0° M				-4331 Mar 27 j 12:01	0° \approx	
desc. node	-4334 Sep 08 j 14:25	11° M 02'14				-4331 Apr 21 j 15:39	0° H	
	-4334 Sep 23 j 23:11	0° $\underline{\text{a}}$				-4331 May 16 j 11:11	0° Y	
	-4334 Oct 18 j 11:44	0° M				-4331 Jun 09 j 23:08	0° B	
	-4334 Nov 12 j 11:23	0° X		asc. node		-4331 Jun 16 j 06:30	7° B 47'00	
	-4334 Dec 08 j 11:27	0° Z		morning set		-4331 Jun 22 j 07:09	15° B 14'36	
asc. node	-4334 Dec 30 j 09:19	23° Z 19'09				-4331 Jul 04 j 04:10	0° Π	
evening max el	-4334 Dec 30 j 16:36	23° Z 37'21	46°05'27	max. Earth dist.		-4331 Jul 25 j 13:05	26° Π 43'09	1.71635 AU
	-4333 Jan 06 j 06:14	0° \approx				-4331 Jul 28 j 03:50	0° ☿	
greatest brilliancy	-4333 Feb 07 j 07:12	22° \approx 57'22	-4.8m					
retrograde	-4333 Feb 18 j 04:41	25° \approx 07'52		superior conj		-4331 Jul 29 j 08:00	1° ☿ 28'22	1°18'34
evening set	-4333 Mar 07 j 13:45	19° \approx 18'09		minimum elong		-4331 Jul 29 j 01:46	1° ☿ 08'50	1°18'40
inferior conj	-4333 Mar 11 j 14:47	16° \approx 46'02	7°25'23			-4331 Aug 21 j 00:29	0° Ω	
minimum elong	-4333 Mar 11 j 21:45	16° \approx 34'56	7°24'24	evening rise		-4331 Sep 06 j 02:57	20° Ω 16'00	
min. Earth dist.	-4333 Mar 11 j 21:15	16° \approx 35'43	0.29376 AU			-4331 Sep 13 j 20:43	0° M	
morning rise	-4333 Mar 16 j 05:53	13° \approx 53'05		desc. node		-4331 Oct 06 j 02:46	27° M 55'20	
direct	-4333 Apr 02 j 08:57	8° \approx 19'09				-4331 Oct 07 j 18:37	0° $\underline{\text{a}}$	
greatest brilliancy	-4333 Apr 12 j 08:19	10° \approx 07'17	-4.7m			-4331 Oct 31 j 19:34	0° M	
desc. node	-4333 Apr 21 j 07:59	14° \approx 18'06				-4331 Nov 25 j 01:02	0° X	
	-4333 May 12 j 09:06	0° H				-4331 Dec 19 j 13:53	0° Z	
morning max el	-4333 May 21 j 07:07	8° H 12'22	45°52'42			-4330 Jan 13 j 16:09	0° \approx	
	-4333 Jun 11 j 16:19	0° Y		asc. node		-4330 Jan 26 j 21:11	15° \approx 21'23	
	-4333 Jul 08 j 12:55	0° B				-4330 Feb 08 j 20:25	0° H	
	-4333 Aug 02 j 22:15	0° Π				-4330 Mar 09 j 11:18	0° Y	
asc. node	-4333 Aug 12 j 04:32	11° Π 13'45		evening max el		-4330 Mar 11 j 10:51	1° Y 54'17	45°07'20
	-4333 Aug 27 j 11:15	0° ☿		greatest brilliancy		-4330 Apr 18 j 01:53	29° Y 04'52	-4.7m
	-4333 Sep 20 j 12:36	0° Ω				-4330 Apr 20 j 23:39	0° B	
	-4333 Oct 14 j 08:55	0° M		retrograde		-4330 Apr 28 j 15:00	1° B 04'05	




































































































































Planetary Phenomena of Venus from -4400 through -3898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 15

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4330 May 06 j 00:29	30° κ Υ		superior conj	-4328 Oct 11 j 23:19	17° \mathfrak{m} 07'06	0°47'39
evening set	-4330 May 13 j 13:29	26° Υ 50'42		minimum elong	-4328 Oct 12 j 10:08	17° \mathfrak{m} 41'12	0°47'16
desc. node	-4330 May 18 j 19:22	23° Υ 48'23		max. Earth dist.	-4328 Oct 15 j 10:57	21° \mathfrak{m} 30'41	1.70918 AU
inferior conj	-4330 May 20 j 00:22	23° Υ 03'51	-0°16'52		-4328 Oct 22 j 04:42	0° Ω	
minimum elong	-4330 May 19 j 23:44	23° Υ 04'48	0°16'37	desc. node	-4328 Nov 02 j 15:12	14° Ω 22'29	
min. Earth dist.	-4330 May 20 j 16:23	22° Υ 39'11	0.28630 AU		-4328 Nov 15 j 02:22	0° \mathfrak{M}	
morning rise	-4330 May 26 j 09:09	19° Υ 17'10		evening rise	-4328 Nov 23 j 16:08	10° \mathfrak{M} 43'16	
direct	-4330 Jun 10 j 16:24	14° Υ 48'41			-4328 Dec 09 j 03:23	0° \mathfrak{X}	
greatest brilliancy	-4330 Jun 21 j 21:55	17° Υ 03'34	-4.8m		-4327 Jan 02 j 08:21	0° \mathfrak{Z}	
	-4330 Jul 12 j 18:07	0° \mathfrak{B}			-4327 Jan 26 j 18:52	0° \approx	
morning max el	-4330 Jul 30 j 09:31	15° \mathfrak{B} 57'23	46°24'20		-4327 Feb 20 j 13:54	0° \mathfrak{H}	
	-4330 Aug 13 j 00:13	0° \mathfrak{I}		asc. node	-4327 Feb 23 j 09:15	3° \mathfrak{H} 21'33	
asc. node	-4330 Sep 08 j 16:10	0° \mathfrak{E} 02'13			-4327 Mar 17 j 22:09	0° Υ	
	-4330 Sep 08 j 15:24	0° \mathfrak{E}			-4327 Apr 13 j 03:29	0° \mathfrak{B}	
	-4330 Oct 03 j 16:47	0° Ω			-4327 May 11 j 01:27	0° \mathfrak{I}	
	-4330 Oct 28 j 02:05	0° \mathfrak{m}		evening max el	-4327 May 22 j 02:12	10° \mathfrak{I} 55'34	45°39'44
	-4330 Nov 21 j 06:07	0° Ω			-4327 Jun 13 j 11:35	0° \mathfrak{E}	
	-4330 Dec 15 j 10:25	0° \mathfrak{M}		desc. node	-4327 Jun 15 j 06:54	1° \mathfrak{E} 15'59	
desc. node	-4330 Dec 29 j 13:47	17° \mathfrak{M} 29'20		greatest brilliancy	-4327 Jun 30 j 13:05	9° \mathfrak{E} 17'49	-4.8m
	-4329 Jan 08 j 16:58	0° \mathfrak{X}		retrograde	-4327 Jul 10 j 04:46	10° \mathfrak{E} 58'15	
	-4329 Feb 02 j 01:36	0° \mathfrak{Z}		evening set	-4327 Jul 27 j 08:31	5° \mathfrak{E} 28'41	
morning set	-4329 Feb 04 j 08:06	2° \mathfrak{Z} 47'40		inferior conj	-4327 Jul 31 j 02:34	3° \mathfrak{E} 14'49	-8°27'03
	-4329 Feb 26 j 11:25	0° \approx		minimum elong	-4327 Jul 30 j 20:07	3° \mathfrak{E} 24'35	8°26'14
				min. Earth dist.	-4327 Jul 31 j 09:07	3° \mathfrak{E} 04'55	0.27373 AU
superior conj	-4329 Mar 14 j 01:04	19° \approx 07'09	-1°13'15	morning rise	-4327 Aug 03 j 07:34	1° \mathfrak{E} 19'44	
minimum elong	-4329 Mar 14 j 08:31	19° \approx 30'03	1°13'13		-4327 Aug 05 j 15:52	30° \mathfrak{K} \mathfrak{I}	
max. Earth dist.	-4329 Mar 14 j 02:22	19° \approx 11'08	1.73648 AU	direct	-4327 Aug 21 j 01:39	25° \mathfrak{I} 25'42	
	-4329 Mar 22 j 21:49	0° \mathfrak{H}		greatest brilliancy	-4327 Aug 31 j 21:37	27° \mathfrak{I} 37'32	-4.9m
	-4329 Apr 16 j 08:30	0° Υ			-4327 Sep 06 j 01:01	0° \mathfrak{E}	
evening rise	-4329 Apr 19 j 08:33	3° Υ 41'01		asc. node	-4327 Oct 06 j 03:24	24° \mathfrak{E} 07'32	
asc. node	-4329 Apr 21 j 07:51	6° Υ 06'03		morning max el	-4327 Oct 10 j 20:22	28° \mathfrak{E} 51'52	46°51'34
	-4329 May 10 j 19:20	0° \mathfrak{B}			-4327 Oct 11 j 22:53	0° Ω	
	-4329 Jun 04 j 06:35	0° \mathfrak{I}			-4327 Nov 08 j 05:14	0° \mathfrak{m}	
	-4329 Jun 28 j 19:07	0° \mathfrak{E}			-4327 Dec 03 j 18:14	0° Ω	
	-4329 Jul 23 j 10:55	0° Ω			-4327 Dec 28 j 18:16	0° \mathfrak{M}	
desc. node	-4329 Aug 11 j 04:17	22° Ω 34'13			-4326 Jan 22 j 14:28	0° \mathfrak{X}	
	-4329 Aug 17 j 09:25	0° \mathfrak{m}		desc. node	-4326 Jan 26 j 01:52	4° \mathfrak{X} 12'14	
	-4329 Sep 11 j 21:04	0° Ω			-4326 Feb 16 j 09:13	0° \mathfrak{Z}	
	-4329 Oct 08 j 14:18	0° \mathfrak{M}			-4326 Mar 13 j 02:26	0° \approx	
evening max el	-4329 Oct 18 j 09:52	10° \mathfrak{M} 19'13	47°28'28		-4326 Apr 06 j 17:23	0° \mathfrak{H}	
	-4329 Nov 08 j 11:23	0° \mathfrak{X}		morning set	-4326 Apr 14 j 03:38	9° \mathfrak{H} 04'32	
greatest brilliancy	-4329 Nov 27 j 21:07	12° \mathfrak{X} 15'31	-4.9m		-4326 May 01 j 05:27	0° Υ	
asc. node	-4329 Dec 01 j 23:57	13° \mathfrak{X} 36'30		max. Earth dist.	-4326 May 16 j 11:07	18° Υ 44'24	1.73339 AU
retrograde	-4329 Dec 08 j 14:26	14° \mathfrak{X} 28'54		asc. node	-4326 May 18 j 20:20	21° Υ 40'44	
evening set	-4329 Dec 24 j 06:07	9° \mathfrak{X} 31'33					
min. Earth dist.	-4329 Dec 28 j 12:36	6° \mathfrak{X} 54'28	0.27860 AU	superior conj	-4326 May 19 j 21:58	22° Υ 59'45	0°02'32
inferior conj	-4329 Dec 29 j 14:29	6° \mathfrak{X} 13'24	6°04'25	minimum elong	-4326 May 19 j 21:28	22° Υ 58'12	0°02'35
minimum elong	-4329 Dec 29 j 05:13	6° \mathfrak{X} 28'07	6°02'18	behind sun begin	-4326 May 18 j 23:39	21° Υ 50'57	
morning rise	-4328 Jan 03 j 04:59	3° \mathfrak{X} 22'35		behind sun end	-4326 May 20 j 19:17	24° Υ 05'29	
	-4328 Jan 10 j 00:52	30° \mathfrak{K} \mathfrak{M}			-4326 May 25 j 14:10	0° \mathfrak{B}	
direct	-4328 Jan 19 j 09:05	28° \mathfrak{M} 12'24			-4326 Jun 18 j 19:36	0° \mathfrak{I}	
greatest brilliancy	-4328 Jan 28 j 04:14	29° \mathfrak{M} 39'18	-4.8m	evening rise	-4326 Jun 24 j 14:16	7° \mathfrak{I} 10'34	
	-4328 Jan 29 j 05:11	0° \mathfrak{X}			-4326 Jul 12 j 22:37	0° \mathfrak{E}	
morning max el	-4328 Mar 08 j 07:44	28° \mathfrak{X} 25'24	45°57'15		-4326 Aug 06 j 00:54	0° Ω	
	-4328 Mar 09 j 23:06	0° \mathfrak{Z}			-4326 Aug 30 j 04:33	0° \mathfrak{m}	
desc. node	-4328 Mar 22 j 22:54	13° \mathfrak{Z} 02'17		desc. node	-4326 Sep 07 j 16:25	10° \mathfrak{m} 30'54	
	-4328 Apr 07 j 21:23	0° \approx			-4326 Sep 23 j 11:39	0° Ω	
	-4328 May 04 j 15:22	0° \mathfrak{H}			-4326 Oct 18 j 00:50	0° \mathfrak{M}	
	-4328 May 30 j 07:58	0° Υ			-4326 Nov 12 j 01:35	0° \mathfrak{X}	
	-4328 Jun 24 j 07:42	0° \mathfrak{B}			-4326 Dec 08 j 04:07	0° \mathfrak{Z}	
asc. node	-4328 Jul 13 j 18:43	23° \mathfrak{B} 49'22		evening max el	-4326 Dec 28 j 07:59	21° \mathfrak{Z} 22'08	46°08'34
	-4328 Jul 18 j 18:40	0° \mathfrak{I}		asc. node	-4326 Dec 29 j 11:36	22° \mathfrak{Z} 30'51	
	-4328 Aug 11 j 20:11	0° \mathfrak{E}			-4325 Jan 06 j 07:10	0° \approx	
greatest brilliancy	-4328 Aug 27 j 22:00	20° \mathfrak{E} 13'27	-3.9m	greatest brilliancy	-4325 Feb 05 j 01:06	20° \approx 50'37	-4.8m
morning set	-4328 Sep 01 j 13:02	26° \mathfrak{E} 03'35		retrograde	-4325 Feb 15 j 21:41	23° \approx 00'31	
	-4328 Sep 04 j 15:57	0° Ω		evening set	-4325 Mar 05 j 08:58	17° \approx 07'57	
	-4328 Sep 28 j 09:47	0° \mathfrak{m}		inferior conj	-4325 Mar 09 j 08:05	14° \approx 38'27	7°33'16

Planetary Phenomena of Venus from -4400 through -3898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 16

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4325 Mar 09 j 14:36	14°  28'02	7°32'24	evening rise	-4323 Sep 03 j 14:23	17°  45'44	
min. Earth dist.	-4325 Mar 09 j 13:30	14°  29'47	0.29366 AU		-4323 Sep 13 j 08:00	0° 	
morning rise	-4325 Mar 13 j 20:21	11°  49'18		desc. node	-4323 Oct 05 j 04:51	27°  26'06	
direct	-4325 Mar 31 j 01:44	6°  11'57			-4323 Oct 07 j 06:02	0° 	
greatest brilliancy	-4325 Apr 09 j 23:31	7°  58'20	-4.7m		-4323 Oct 31 j 07:12	0° 	
desc. node	-4325 Apr 20 j 10:07	12°  59'28			-4323 Nov 24 j 12:57	0° 	
	-4325 May 12 j 11:13	0° 			-4323 Dec 19 j 02:17	0° 	
morning max el	-4325 May 18 j 22:32	6°  01'04	45°52'00		-4322 Jan 13 j 05:29	0° 	
	-4325 Jun 11 j 09:04	0° 		asc. node	-4322 Jan 25 j 23:15	14° 	46'39
	-4325 Jul 08 j 02:52	0° 			-4322 Feb 08 j 11:54	0° 	
	-4325 Aug 02 j 10:56	0° 		evening max el	-4322 Mar 09 j 02:22	29°  43'33	45°08'09
asc. node	-4325 Aug 11 j 06:39	10°  42'17			-4322 Mar 09 j 09:16	0° 	
	-4325 Aug 26 j 23:18	0° 		greatest brilliancy	-4322 Apr 15 j 16:37	26° 	54'53 -4.7m
	-4325 Sep 20 j 00:20	0° 		retrograde	-4322 Apr 26 j 07:22	28° 	55'26
	-4325 Oct 13 j 20:29	0° 		evening set	-4322 May 11 j 06:08	24° 	40'22
	-4325 Nov 06 j 16:27	0° 		inferior conj	-4322 May 17 j 16:20	20° 	54'11 0°03'01
morning set	-4325 Nov 18 j 04:01	14°  24'55		minimum elong	-4322 May 17 j 16:27	20° 	54'00 0°03'03
	-4325 Nov 30 j 14:49	0° 		transit middle	-4322 May 17 j 16:27	20° 	54'00 0°03'03
desc. node	-4325 Dec 01 j 03:36	0°  39'57		transit begin	-4322 May 17 j 12:26	21° 	00'11
	-4325 Dec 24 j 16:19	0° 		transit end	-4322 May 17 j 20:28	20° 	47'49
				desc. node	-4322 May 17 j 21:32	20° 	46'11
superior conj	-4325 Dec 30 j 03:17	6°  46'46	-1°00'15	min. Earth dist.	-4322 May 18 j 08:30	20° 	29'18 0.28674 AU
minimum elong	-4325 Dec 29 j 16:20	6°  12'46	1°00'05	morning rise	-4322 May 24 j 01:59	17° 	06'28
max. Earth dist.	-4324 Jan 03 j 11:17	12°  09'31	1.72338 AU	direct	-4322 Jun 08 j 08:53	12° 	38'09
	-4324 Jan 17 j 20:49	0° 		greatest brilliancy	-4322 Jun 19 j 14:04	14° 	53'05 -4.8m
evening rise	-4324 Feb 07 j 14:56	25°  37'16			-4322 Jul 13 j 02:20	0° 	
	-4324 Feb 11 j 04:16	0° 		morning max el	-4322 Jul 28 j 02:04	13° 	45'24 46°22'54
greatest brilliancy	-4324 Feb 21 j 15:47	12°  52'56	-3.9m		-4322 Aug 12 j 18:15	0° 	
	-4324 Mar 06 j 15:08	0° 		asc. node	-4322 Sep 07 j 18:13	29° 	42'53
asc. node	-4324 Mar 22 j 21:33	19°  45'02			-4322 Sep 08 j 06:01	0° 	
	-4324 Mar 31 j 06:23	0° 			-4322 Oct 03 j 05:57	0° 	
	-4324 Apr 25 j 03:13	0° 			-4322 Oct 27 j 14:28	0° 	
	-4324 May 20 j 07:38	0° 			-4322 Nov 20 j 18:00	0° 	
	-4324 Jun 14 j 23:56	0° 			-4322 Dec 14 j 21:58	0° 	
	-4324 Jul 11 j 15:02	0° 		desc. node	-4322 Dec 28 j 15:56	17° 	00'49
desc. node	-4324 Jul 12 j 18:27	1°  01'45			-4321 Jan 08 j 04:15	0° 	
evening max el	-4324 Aug 03 j 19:25	24°  01'18	47°08'43	morning set	-4321 Feb 01 j 22:19	0° 	29'45
	-4324 Aug 09 j 16:19	0° 			-4321 Feb 01 j 12:38	0° 	
greatest brilliancy	-4324 Sep 14 j 00:30	25°  08'29	-4.9m		-4321 Feb 25 j 22:18	0° 	
retrograde	-4324 Sep 23 j 05:21	26° 					
evening set	-4324 Oct 08 j 18:25	22° 		superior conj	-4321 Mar 11 j 18:37	17° 	00'28 -1°14'43
inferior conj	-4324 Oct 13 j 19:23	19° 	4°50'33	minimum elong	-4321 Mar 12 j 01:44	17° 	22'20 1°14'43
minimum elong	-4324 Oct 14 j 04:53	18° 	4°47'53	max. Earth dist.	-4321 Mar 11 j 23:10	17° 	14'26 1.73628 AU
min. Earth dist.	-4324 Oct 13 j 19:27	19° 	0.26394 AU		-4321 Mar 22 j 08:36	0° 	
morning rise	-4324 Oct 19 j 15:23	15° 			-4321 Apr 15 j 19:18	0° 	
asc. node	-4324 Nov 02 j 14:43	11° 		evening rise	-4321 Apr 17 j 03:46	1° 	39'35
direct	-4324 Nov 03 j 00:30	11° 		asc. node	-4321 Apr 20 j 10:02	5° 	39'37
greatest brilliancy	-4324 Nov 13 j 04:35	13° 	-4.9m		-4321 May 10 j 06:18	0° 	
	-4324 Dec 08 j 04:35	0° 			-4321 Jun 03 j 17:51	0° 	
morning max el	-4324 Dec 23 j 05:20	14°  09'26	46°33'47		-4321 Jun 28 j 06:52	0° 	
	-4323 Jan 07 j 10:52	0° 			-4321 Jul 22 j 23:24	0° 	
	-4323 Feb 03 j 11:50	0° 		desc. node	-4321 Aug 10 j 06:15	22° 	00'27
desc. node	-4323 Feb 22 j 13:31	21°  45'56			-4321 Aug 16 j 23:00	0° 	
	-4323 Mar 01 j 12:15	0° 			-4321 Sep 11 j 12:32	0° 	
	-4323 Mar 27 j 00:11	0° 			-4321 Oct 08 j 09:58	0° 	
	-4323 Apr 21 j 03:10	0° 		evening max el	-4321 Oct 16 j 02:06	8° 	01'12 47°29'57
	-4323 May 15 j 22:20	0° 			-4321 Nov 09 j 01:31	0° 	
	-4323 Jun 09 j 10:06	0° 		greatest brilliancy	-4321 Nov 25 j 12:35	9° 	55'07 -4.9m
asc. node	-4323 Jun 15 j 08:42	7°  19'57		asc. node	-4321 Dec 01 j 02:10	11° 	43'61
morning set	-4323 Jun 20 j 00:48	13°  06'38		retrograde	-4321 Dec 06 j 06:30	12° 	48'45
	-4323 Jul 03 j 15:07	0° 		evening set	-4321 Dec 21 j 18:33	7° 	41'36
max. Earth dist.	-4323 Jul 23 j 04:03	24°  25'05	1.71698 AU	min. Earth dist.	-4321 Dec 26 j 02:51	4° 	36'01 0.27780 AU
				inferior conj	-4321 Dec 27 j 05:22	3° 	54'01 5°49'46
superior conj	-4323 Jul 26 j 23:38	29°  12'16	1°17'19	minimum elong	-4321 Dec 26 j 20:06	4° 	48'42 5°47'34
minimum elong	-4323 Jul 26 j 16:53	28°  15'06	1°17'23	morning rise	-4321 Dec 31 j 22:26	0° 	59'59
	-4323 Jul 27 j 14:51	0° 			-4320 Jan 02 j 17:02	30° 	
	-4323 Aug 20 j 11:38	0° 		direct	-4320 Jan 16 j 23:38	25° 	54'27

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4320 Jan 25 j 17:47	27° \mathbb{M} 21'03	-4.8m			-4318 Jun 18 j 06:25	0° \mathbb{I}	
	-4320 Feb 01 j 04:49	0° \mathbb{A}		evening rise		-4318 Jun 22 j 08:37	5° \mathbb{I} 04'44	
morning max el	-4320 Mar 05 j 23:23	26° \mathbb{A} 13'22	45°58'07			-4318 Jul 12 j 09:37	0° \mathbb{G}	
	-4320 Mar 09 j 20:54	0° \mathbb{Z}				-4318 Aug 05 j 12:11	0° \mathbb{Q}	
desc. node	-4320 Mar 22 j 01:03	12° \mathbb{Z} 20'27				-4318 Aug 29 j 16:11	0° \mathbb{P}	
	-4320 Apr 07 j 12:56	0° \mathbb{A}		desc. node		-4318 Sep 06 j 18:34	10° \mathbb{P} 01'13	
	-4320 May 04 j 04:34	0° \mathbb{H}				-4318 Sep 22 j 23:44	0° \mathbb{L}	
	-4320 May 29 j 20:01	0° \mathbb{Y}				-4318 Oct 17 j 13:36	0° \mathbb{M}	
	-4320 Jun 23 j 19:10	0° \mathbb{B}				-4318 Nov 11 j 15:35	0° \mathbb{A}	
asc. node	-4320 Jul 12 j 20:48	23° \mathbb{B} 21'16				-4318 Dec 07 j 20:49	0° \mathbb{Z}	
	-4320 Jul 18 j 05:49	0° \mathbb{I}		evening max el		-4318 Dec 25 j 22:34	19° \mathbb{Z} 05'08	46°11'30
	-4320 Aug 11 j 07:11	0° \mathbb{G}		asc. node		-4318 Dec 28 j 13:39	21° \mathbb{Z} 41'33	
greatest brilliancy	-4320 Aug 27 j 00:39	19° \mathbb{G} 47'14	-3.9m			-4317 Jan 06 j 09:19	0° \mathbb{A}	
morning set	-4320 Aug 30 j 01:59	23° \mathbb{G} 38'25		greatest brilliancy		-4317 Feb 02 j 18:53	18° \mathbb{A} 43'19	-4.8m
	-4320 Sep 04 j 02:56	0° \mathbb{Q}		retrograde		-4317 Feb 13 j 14:18	20° \mathbb{A} 52'47	
	-4320 Sep 27 j 20:48	0° \mathbb{P}		evening set		-4317 Mar 03 j 03:45	14° \mathbb{A} 57'25	
				inferior conj		-4317 Mar 07 j 01:08	12° \mathbb{A} 30'30	7°40'28
superior conj	-4320 Oct 09 j 08:47	14° \mathbb{P} 30'45	0°50'53	minimum elong		-4317 Mar 07 j 07:09	12° \mathbb{A} 20'51	7°39'43
minimum elong	-4320 Oct 09 j 19:54	15° \mathbb{P} 05'46	0°50'30	min. Earth dist.		-4317 Mar 07 j 05:46	12° \mathbb{A} 23'04	0.29354 AU
max. Earth dist.	-4320 Oct 12 j 17:16	18° \mathbb{P} 44'26	1.70902 AU	morning rise		-4317 Mar 11 j 10:39	9° \mathbb{A} 45'09	
	-4320 Oct 21 j 15:47	0° \mathbb{L}		direct		-4317 Mar 28 j 17:51	4° \mathbb{A} 04'12	
desc. node	-4320 Nov 01 j 17:23	13° \mathbb{L} 54'32		greatest brilliancy		-4317 Apr 07 j 15:02	5° \mathbb{A} 49'40	-4.7m
	-4320 Nov 14 j 13:30	0° \mathbb{M}		desc. node		-4317 Apr 19 j 12:18	11° \mathbb{A} 43'17	
evening rise	-4320 Nov 21 j 01:10	8° \mathbb{M} 06'47				-4317 May 12 j 11:52	0° \mathbb{H}	
	-4320 Dec 08 j 14:32	0° \mathbb{A}		morning max el		-4317 May 16 j 13:37	3° \mathbb{H} 49'27	45°51'30
	-4319 Jan 01 j 19:35	0° \mathbb{Z}				-4317 Jun 11 j 01:17	0° \mathbb{Y}	
	-4319 Jan 26 j 06:18	0° \mathbb{A}				-4317 Jul 07 j 16:26	0° \mathbb{B}	
	-4319 Feb 20 j 01:50	0° \mathbb{H}				-4317 Aug 01 j 23:18	0° \mathbb{I}	
asc. node	-4319 Feb 22 j 11:20	2° \mathbb{H} 51'55		asc. node		-4317 Aug 10 j 08:39	10° \mathbb{I} 11'23	
	-4319 Mar 17 j 11:03	0° \mathbb{Y}				-4317 Aug 26 j 11:04	0° \mathbb{G}	
	-4319 Apr 12 j 18:25	0° \mathbb{B}				-4317 Sep 19 j 11:46	0° \mathbb{Q}	
	-4319 May 10 j 21:21	0° \mathbb{I}				-4317 Oct 13 j 07:44	0° \mathbb{P}	
evening max el	-4319 May 19 j 16:41	8° \mathbb{I} 39'37	45°37'14			-4317 Nov 06 j 03:34	0° \mathbb{L}	
desc. node	-4319 Jun 14 j 09:03	29° \mathbb{I} 58'05		morning set		-4317 Nov 15 j 13:59	11° \mathbb{L} 50'56	
	-4319 Jun 14 j 10:13	0° \mathbb{G}		desc. node		-4317 Nov 30 j 05:42	0° \mathbb{M} 12'09	
greatest brilliancy	-4319 Jun 28 j 01:11	6° \mathbb{G} 56'31	-4.8m			-4317 Nov 30 j 01:49	0° \mathbb{M}	
retrograde	-4319 Jul 07 j 17:13	8° \mathbb{G} 37'02				-4317 Dec 24 j 03:15	0° \mathbb{A}	
evening set	-4319 Jul 24 j 17:53	3° \mathbb{G} 13'15						
inferior conj	-4319 Jul 28 j 15:51	0° \mathbb{G} 53'34	-8°18'59	superior conj		-4317 Dec 27 j 14:56	4° \mathbb{A} 20'01	-0°57'38
minimum elong	-4319 Jul 28 j 08:42	1° \mathbb{G} 04'23	8°18'01	minimum elong		-4317 Dec 27 j 03:57	3° \mathbb{A} 45'54	0°57'26
min. Earth dist.	-4319 Jul 28 j 22:22	0° \mathbb{G} 43'41	0.27412 AU	max. Earth dist.		-4316 Jan 01 j 00:44	9° \mathbb{A} 48'29	1.72281 AU
	-4319 Jul 30 j 03:17	30° \mathbb{R} \mathbb{I}				-4316 Jan 17 j 07:43	0° \mathbb{Z}	
morning rise	-4319 Jul 31 j 23:21	28° \mathbb{I} 54'33		evening rise		-4316 Feb 05 j 05:48	23° \mathbb{Z} 21'38	
direct	-4319 Aug 18 j 15:36	23° \mathbb{I} 03'51				-4316 Feb 10 j 15:11	0° \mathbb{A}	
greatest brilliancy	-4319 Aug 29 j 11:37	25° \mathbb{I} 15'05	-4.9m	greatest brilliancy		-4316 Feb 21 j 16:37	13° \mathbb{A} 35'34	-3.9m
	-4319 Sep 07 j 17:26	0° \mathbb{G}				-4316 Mar 06 j 02:10	0° \mathbb{H}	
asc. node	-4319 Oct 05 j 05:39	23° \mathbb{G} 13'32		asc. node		-4316 Mar 21 j 23:45	19° \mathbb{H} 23'06	
morning max el	-4319 Oct 08 j 09:00	26° \mathbb{G} 24'12	46°51'08			-4316 Mar 30 j 17:41	0° \mathbb{Y}	
	-4319 Oct 11 j 20:23	0° \mathbb{Q}				-4316 Apr 24 j 15:03	0° \mathbb{B}	
	-4319 Nov 07 j 21:14	0° \mathbb{P}				-4316 May 19 j 20:25	0° \mathbb{I}	
	-4319 Dec 03 j 08:07	0° \mathbb{L}				-4316 Jun 14 j 14:23	0° \mathbb{G}	
	-4319 Dec 28 j 07:00	0° \mathbb{M}				-4316 Jul 11 j 08:46	0° \mathbb{Q}	
	-4318 Jan 22 j 02:27	0° \mathbb{A}		desc. node		-4316 Jul 11 j 20:27	0° \mathbb{Q} 31'43	
desc. node	-4318 Jan 25 j 03:51	3° \mathbb{A} 42'09		evening max el		-4316 Aug 01 j 07:20	21° \mathbb{Q} 50'13	47°06'05
	-4318 Feb 15 j 20:40	0° \mathbb{Z}				-4316 Aug 09 j 19:42	0° \mathbb{P}	
	-4318 Mar 12 j 13:30	0° \mathbb{A}		greatest brilliancy		-4316 Sep 11 j 13:59	22° \mathbb{P} 39'31	-4.9m
	-4318 Apr 06 j 04:13	0° \mathbb{H}		retrograde		-4316 Sep 20 j 17:19	24° \mathbb{P} 14'54	
morning set	-4318 Apr 11 j 22:19	7° \mathbb{H} 01'58		evening set		-4316 Oct 06 j 09:33	19° \mathbb{P} 27'10	
	-4318 Apr 30 j 16:10	0° \mathbb{Y}		inferior conj		-4316 Oct 11 j 07:31	16° \mathbb{P} 32'05	-5°10'58
max. Earth dist.	-4318 May 14 j 06:25	16° \mathbb{Y} 43'06	1.73377 AU	minimum elong		-4316 Oct 11 j 17:27	16° \mathbb{P} 16'55	5°08'16
				min. Earth dist.		-4316 Oct 11 j 08:54	16° \mathbb{P} 29'57	0.26397 AU
superior conj	-4318 May 17 j 16:54	20° \mathbb{Y} 57'10	-0°00'33	morning rise		-4316 Oct 17 j 01:16	13° \mathbb{P} 09'49	
minimum elong	-4318 May 17 j 16:58	20° \mathbb{Y} 57'23	0°00'29	direct		-4316 Oct 31 j 12:20	8° \mathbb{P} 57'22	
behind sun begin	-4318 May 16 j 19:01	19° \mathbb{Y} 49'45		asc. node		-4316 Nov 01 j 16:50	8° \mathbb{P} 59'05	
behind sun end	-4318 May 18 j 14:55	22° \mathbb{Y} 05'02		greatest brilliancy		-4316 Nov 10 j 18:27	10° \mathbb{P} 57'31	-4.9m
asc. node	-4318 May 17 j 22:31	21° \mathbb{Y} 14'30				-4316 Dec 08 j 11:40	0° \mathbb{L}	
	-4318 May 25 j 00:53	0° \mathbb{B}		morning max el		-4316 Dec 20 j 18:57	11° \mathbb{L} 45'35	46°35'09

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4315 Jan 07 j 05:12	0°♌				-4313 Sep 11 j 04:24	0°♊		
	-4315 Feb 03 j 02:30	0°♊				-4313 Oct 08 j 06:23	0°♌		
desc. node	-4315 Feb 21 j 15:43	21°♊22'33		evening max el		-4313 Oct 13 j 18:38	5°♌43'29	47°31'20	
	-4315 Mar 01 j 01:13	0°♊				-4313 Nov 09 j 20:38	0°♊		
	-4315 Mar 26 j 12:12	0°♊		greatest brilliancy		-4313 Nov 23 j 04:30	7°♊34'44	-4.9m	
	-4315 Apr 20 j 14:37	0°♊		asc. node		-4313 Nov 30 j 04:17	9°♊30'35		
	-4315 May 15 j 09:25	0°♊		retrograde		-4313 Dec 03 j 22:28	9°♊47'49		
	-4315 Jun 08 j 21:00	0°♊		evening set		-4313 Dec 19 j 07:10	4°♊59'04		
asc. node	-4315 Jun 14 j 10:44	6°♊52'34		min. Earth dist.		-4313 Dec 23 j 17:21	2°♊16'43	0.27696 AU	
morning set	-4315 Jun 17 j 18:17	10°♊58'29		inferior conj		-4313 Dec 24 j 20:15	1°♊34'05	5°34'29	
	-4315 Jul 03 j 01:59	0°♊		minimum elong		-4313 Dec 24 j 11:03	1°♊48'39	5°32'14	
max. Earth dist.	-4315 Jul 20 j 19:10	22°♊07'51	1.71757 AU			-4313 Dec 27 j 08:12	30°♊		
				morning rise		-4313 Dec 29 j 15:49	28°♊36'38		
superior conj	-4315 Jul 24 j 15:12	26°♊56'14	1°15'55	direct		-4312 Jan 14 j 14:11	23°♊36'08		
minimum elong	-4315 Jul 24 j 07:59	26°♊33'36	1°15'59	greatest brilliancy		-4312 Jan 23 j 07:25	25°♊02'13	-4.8m	
	-4315 Jul 27 j 01:48	0°♊				-4312 Feb 02 j 23:49	0°♊		
	-4315 Aug 19 j 22:43	0°♊		morning max el		-4312 Mar 03 j 14:28	23°♊59'35	45°59'01	
evening rise	-4315 Sep 01 j 01:59	15°♊16'12				-4312 Mar 09 j 18:00	0°♊		
	-4315 Sep 12 j 19:13	0°♊		desc. node		-4312 Mar 21 j 03:15	11°♊38'59		
desc. node	-4315 Oct 04 j 07:02	26°♊57'22				-4312 Apr 07 j 04:21	0°♊		
	-4315 Oct 06 j 17:25	0°♊				-4312 May 03 j 17:49	0°♊		
	-4315 Oct 30 j 18:46	0°♊				-4312 May 29 j 08:14	0°♊		
	-4315 Nov 24 j 00:47	0°♊				-4312 Jun 23 j 06:51	0°♊		
	-4315 Dec 18 j 14:35	0°♊		asc. node		-4312 Jul 11 j 22:54	22°♊52'25		
	-4314 Jan 12 j 18:47	0°♊				-4312 Jul 17 j 17:14	0°♊		
asc. node	-4314 Jan 25 j 01:20	14°♊12'06				-4312 Aug 10 j 18:29	0°♊		
	-4314 Feb 08 j 03:31	0°♊		greatest brilliancy		-4312 Aug 26 j 01:31	19°♊14'28	-3.9m	
evening max el	-4314 Mar 06 j 18:35	27°♊34'30	45°08'48	morning set		-4312 Aug 27 j 14:47	21°♊11'55		
	-4314 Mar 09 j 08:10	0°♊				-4312 Sep 03 j 14:11	0°♊		
greatest brilliancy	-4314 Apr 13 j 07:22	24°♊44'31	-4.7m			-4312 Sep 27 j 08:05	0°♊		
retrograde	-4314 Apr 23 j 23:29	26°♊45'55							
evening set	-4314 May 08 j 22:49	22°♊29'16		superior conj		-4312 Oct 06 j 18:17	11°♊53'46	0°53'58	
inferior conj	-4314 May 15 j 08:08	18°♊43'45	0°22'57	minimum elong		-4312 Oct 07 j 05:35	12°♊29'24	0°53'38	
minimum elong	-4314 May 15 j 08:58	18°♊42'27	0°22'45	max. Earth dist.		-4312 Oct 09 j 21:34	15°♊51'06	1.70882 AU	
min. Earth dist.	-4314 May 16 j 00:19	18°♊18'48	0.28719 AU			-4312 Oct 21 j 03:06	0°♊		
desc. node	-4314 May 16 j 23:40	17°♊42'55		desc. node		-4312 Oct 31 j 19:25	13°♊25'24		
morning rise	-4314 May 21 j 18:28	14°♊55'05				-4312 Nov 14 j 00:51	0°♊		
direct	-4314 Jun 06 j 01:34	10°♊26'59		evening rise		-4312 Nov 18 j 10:04	5°♊29'03		
greatest brilliancy	-4314 Jun 17 j 05:33	12°♊41'11	-4.8m			-4312 Dec 08 j 01:56	0°♊		
	-4314 Jul 13 j 08:26	0°♊				-4311 Jan 01 j 07:04	0°♊		
morning max el	-4314 Jul 25 j 18:29	11°♊33'00	46°21'31			-4311 Jan 25 j 18:00	0°♊		
	-4314 Aug 12 j 12:00	0°♊		asc. node		-4311 Feb 19 j 14:02	0°♊		
asc. node	-4314 Sep 06 j 20:31	28°♊49'20				-4311 Feb 21 j 13:36	2°♊22'08		
	-4314 Sep 07 j 20:31	0°♊				-4311 Mar 17 j 00:15	0°♊		
	-4314 Oct 02 j 19:03	0°♊				-4311 Apr 12 j 09:45	0°♊		
	-4314 Oct 27 j 02:49	0°♊				-4311 May 10 j 18:11	0°♊		
	-4314 Nov 20 j 05:54	0°♊		evening max el		-4311 May 17 j 06:15	6°♊20'47	45°34'34	
	-4314 Dec 14 j 09:32	0°♊		desc. node		-4311 Jun 13 j 11:04	28°♊36'22		
desc. node	-4314 Dec 27 j 17:55	16°♊31'46				-4311 Jun 15 j 18:11	0°♊		
	-4313 Jan 07 j 15:32	0°♊		greatest brilliancy		-4311 Jun 25 j 13:26	4°♊34'19	-4.8m	
morning set	-4313 Jan 30 j 12:40	28°♊12'14		retrograde		-4311 Jul 05 j 05:15	6°♊14'53		
	-4313 Jan 31 j 23:41	0°♊		evening set		-4311 Jul 22 j 02:59	0°♊56'46		
	-4313 Feb 25 j 09:10	0°♊				-4311 Jul 23 j 18:00	30°♊		
				inferior conj		-4311 Jul 26 j 05:04	28°♊31'12	-8°09'58	
superior conj	-4313 Mar 09 j 12:13	14°♊53'50	-1°16'04	minimum elong		-4311 Jul 25 j 21:16	28°♊43'01	8°08'50	
minimum elong	-4313 Mar 09 j 18:58	15°♊14'34	1°16'05	min. Earth dist.		-4311 Jul 26 j 11:57	28°♊20'45	0.27458 AU	
max. Earth dist.	-4313 Mar 09 j 22:03	15°♊24'02	1.73609 AU	morning rise		-4311 Jul 29 j 15:18	26°♊27'57		
	-4313 Mar 21 j 19:26	0°♊		direct		-4311 Aug 16 j 05:05	20°♊40'30		
evening rise	-4313 Apr 14 j 22:58	29°♊37'49		greatest brilliancy		-4311 Aug 27 j 02:27	22°♊52'13	-4.9m	
	-4313 Apr 15 j 06:12	0°♊				-4311 Sep 08 j 22:22	0°♊		
asc. node	-4313 Apr 19 j 12:11	5°♊12'41		asc. node		-4311 Oct 04 j 07:47	22°♊18'54		
	-4313 May 09 j 17:25	0°♊		morning max el		-4311 Oct 05 j 21:17	23°♊54'15	46°50'52	
	-4313 Jun 03 j 05:19	0°♊				-4311 Oct 11 j 17:41	0°♊		
	-4313 Jun 27 j 18:51	0°♊				-4311 Nov 07 j 13:25	0°♊		
	-4313 Jul 22 j 12:07	0°♊				-4311 Dec 02 j 22:13	0°♊		
desc. node	-4313 Aug 09 j 08:25	21°♊26'33				-4311 Dec 27 j 19:57	0°♊		
	-4313 Aug 16 j 12:52	0°♊				-4310 Jan 21 j 14:40	0°♊		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4310 Jan 24 j 06:01	3°♁11'55		evening max el	-4308 Jul 29 j 20:05	19°♂24'02	47°03'19
	-4310 Feb 15 j 08:22	0°♁			-4308 Aug 10 j 01:04	0°♁	
	-4310 Mar 12 j 00:50	0°♁		greatest brilliancy	-4308 Sep 09 j 02:35	20°♁08'55	-4.9m
	-4310 Apr 05 j 15:19	0°♁		retrograde	-4308 Sep 18 j 05:37	21°♁44'00	
morning set	-4310 Apr 09 j 17:17	4°♁59'26		evening set	-4308 Oct 04 j 00:42	16°♁51'41	
	-4310 Apr 30 j 03:08	0°♁		inferior conj	-4308 Oct 08 j 19:33	14°♁01'23	-5°30'46
max. Earth dist.	-4310 May 12 j 03:07	14°♁45'22	1.73415 AU	minimum elong	-4308 Oct 09 j 05:50	13°♁45'45	5°28'04
				min. Earth dist.	-4308 Oct 08 j 21:54	13°♁57'49	0.26411 AU
superior conj	-4310 May 15 j 12:11	18°♁54'59	-0°03'35	morning rise	-4308 Oct 14 j 10:53	10°♁42'56	
minimum elong	-4310 May 15 j 12:52	18°♁57'06	0°03'30	direct	-4308 Oct 29 j 00:46	6°♁26'24	
behind sun begin	-4310 May 14 j 15:16	17°♁50'34		asc. node	-4308 Oct 31 j 18:59	6°♁35'39	
behind sun end	-4310 May 16 j 10:27	20°♁03'37		greatest brilliancy	-4308 Nov 08 j 07:57	8°♁28'01	-4.9m
asc. node	-4310 May 17 j 00:34	20°♁47'04			-4308 Dec 08 j 17:14	0°♁	
	-4310 May 24 j 11:52	0°♁		morning max el	-4308 Dec 18 j 09:30	9°♁22'34	46°36'24
	-4310 Jun 17 j 17:31	0°♁			-4307 Jan 06 j 23:36	0°♁	
evening rise	-4310 Jun 20 j 03:23	2°♁59'30			-4307 Feb 02 j 17:25	0°♁	
	-4310 Jul 11 j 20:58	0°♁		desc. node	-4307 Feb 20 j 17:55	20°♁49'21	
	-4310 Aug 04 j 23:51	0°♁			-4307 Feb 28 j 14:26	0°♁	
desc. node	-4310 Aug 29 j 04:16	0°♁			-4307 Mar 26 j 00:26	0°♁	
	-4310 Sep 05 j 20:44	9°♁30'10			-4307 Apr 20 j 02:15	0°♁	
	-4310 Sep 22 j 12:19	0°♁			-4307 May 14 j 20:43	0°♁	
	-4310 Oct 17 j 02:54	0°♁			-4307 Jun 08 j 08:07	0°♁	
	-4310 Nov 11 j 06:08	0°♁		asc. node	-4307 Jun 13 j 12:53	6°♁24'56	
	-4310 Dec 07 j 14:15	0°♁		morning set	-4307 Jun 15 j 12:18	8°♁51'28	
evening max el	-4310 Dec 23 j 12:54	16°♁46'28	46°14'43		-4307 Jul 02 j 13:03	0°♁	
asc. node	-4310 Dec 27 j 15:47	20°♁50'38		max. Earth dist.	-4307 Jul 18 j 09:22	19°♁47'17	1.71813 AU
	-4309 Jan 06 j 13:29	0°♁					
greatest brilliancy	-4309 Jan 31 j 12:15	16°♁34'46	-4.8m	superior conj	-4307 Jul 22 j 07:27	24°♁41'56	1°14'26
retrograde	-4309 Feb 11 j 07:21	18°♁44'40		minimum elong	-4307 Jul 21 j 23:51	24°♁18'07	1°14'28
evening set	-4309 Feb 28 j 22:32	12°♁46'25			-4307 Jul 26 j 12:55	0°♁	
inferior conj	-4309 Mar 04 j 18:20	10°♁21'58	7°47'06		-4307 Aug 19 j 09:56	0°♁	
minimum elong	-4309 Mar 04 j 23:50	10°♁13'11	7°46'27	evening rise	-4307 Aug 29 j 14:18	12°♁48'31	
min. Earth dist.	-4309 Mar 04 j 22:06	10°♁15'56	0.29339 AU		-4307 Sep 12 j 06:35	0°♁	
morning rise	-4309 Mar 09 j 01:11	7°♁40'34		desc. node	-4307 Oct 03 j 09:03	26°♁27'35	
direct	-4309 Mar 26 j 09:56	1°♁55'48			-4307 Oct 06 j 04:59	0°♁	
greatest brilliancy	-4309 Apr 05 j 06:53	3°♁40'51	-4.7m		-4307 Oct 30 j 06:35	0°♁	
desc. node	-4309 Apr 18 j 14:24	10°♁28'34			-4307 Nov 23 j 12:56	0°♁	
	-4309 May 12 j 11:39	0°♁			-4307 Dec 18 j 03:15	0°♁	
morning max el	-4309 May 14 j 05:39	1°♁39'28	45°51'11		-4306 Jan 12 j 08:30	0°♁	
	-4309 Jun 10 j 17:27	0°♁		asc. node	-4306 Jan 24 j 03:38	13°♁36'57	
	-4309 Jul 07 j 06:07	0°♁			-4306 Feb 07 j 19:42	0°♁	
	-4309 Aug 01 j 11:52	0°♁		evening max el	-4306 Mar 04 j 11:14	25°♁25'45	45°09'43
asc. node	-4309 Aug 09 j 10:58	9°♁40'44			-4306 Mar 09 j 08:25	0°♁	
	-4309 Aug 25 j 23:06	0°♁		greatest brilliancy	-4306 Apr 10 j 22:46	22°♁34'48	-4.7m
	-4309 Sep 18 j 23:33	0°♁		retrograde	-4306 Apr 21 j 15:27	24°♁36'22	
	-4309 Oct 12 j 19:22	0°♁		evening set	-4306 May 06 j 15:52	20°♁18'14	
	-4309 Nov 05 j 15:06	0°♁		inferior conj	-4306 May 13 j 00:07	16°♁33'29	0°42'37
morning set	-4309 Nov 12 j 23:27	9°♁13'58		minimum elong	-4306 May 13 j 01:40	16°♁31'04	0°42'13
desc. node	-4309 Nov 29 j 07:45	29°♁42'52		min. Earth dist.	-4306 May 13 j 16:20	16°♁08'25	0.28758 AU
	-4309 Nov 29 j 13:14	0°♁		desc. node	-4306 May 16 j 01:45	14°♁40'40	
	-4309 Dec 23 j 14:34	0°♁		morning rise	-4306 May 19 j 10:54	12°♁43'54	
				direct	-4306 Jun 03 j 18:31	8°♁16'07	
superior conj	-4309 Dec 25 j 02:01	1°♁50'13	-0°54'52	greatest brilliancy	-4306 Jun 14 j 20:52	10°♁29'00	-4.8m
minimum elong	-4309 Dec 24 j 15:04	1°♁16'09	0°54'37		-4306 Jul 13 j 12:42	0°♁	
max. Earth dist.	-4309 Dec 29 j 11:31	7°♁17'54	1.72218 AU	morning max el	-4306 Jul 23 j 10:29	9°♁19'30	46°20'12
	-4308 Jan 16 j 18:58	0°♁			-4306 Aug 12 j 05:26	0°♁	
evening rise	-4308 Feb 02 j 20:27	21°♁04'18		asc. node	-4306 Sep 05 j 22:35	28°♁12'50	
	-4308 Feb 10 j 02:25	0°♁			-4306 Sep 07 j 10:54	0°♁	
greatest brilliancy	-4308 Feb 22 j 14:01	15°♁20'15	-3.9m		-4306 Oct 02 j 08:05	0°♁	
	-4308 Mar 05 j 13:30	0°♁			-4306 Oct 26 j 15:09	0°♁	
asc. node	-4308 Mar 21 j 01:52	18°♁54'37			-4306 Nov 19 j 17:48	0°♁	
	-4308 Mar 30 j 05:18	0°♁			-4306 Dec 13 j 21:09	0°♁	
	-4308 Apr 24 j 03:13	0°♁		desc. node	-4306 Dec 26 j 20:06	16°♁02'59	
	-4308 May 19 j 09:32	0°♁			-4305 Jan 07 j 02:55	0°♁	
	-4308 Jun 14 j 05:11	0°♁		morning set	-4305 Jan 28 j 02:33	25°♁52'44	
desc. node	-4308 Jul 10 j 22:41	29°♁48'07			-4305 Jan 31 j 10:52	0°♁	
	-4308 Jul 11 j 03:05	0°♁			-4305 Feb 24 j 20:12	0°♁	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4305 Mar 07 j 05:22	12° \approx 45'20	-1°17'20	minimum elong	-4303 Jul 23 j 10:03	26° Π 22'52	7°58'55
minimum elong	-4305 Mar 07 j 11:40	13° \approx 04'42	1°17'22	min. Earth dist.	-4303 Jul 24 j 01:41	25° Π 59'12	0.27503 AU
max. Earth dist.	-4305 Mar 07 j 20:30	13° \approx 31'50	1.73583 AU	morning rise	-4303 Jul 27 j 07:36	24° Π 02'38	
	-4305 Mar 21 j 06:23	0° X		direct	-4303 Aug 13 j 18:36	18° Π 18'19	
evening rise	-4305 Apr 12 j 17:50	27° X 34'47		greatest brilliancy	-4303 Aug 24 j 17:49	20° Π 31'20	-4.9m
	-4305 Apr 14 j 17:12	0° Υ			-4303 Sep 09 j 18:59	0° O	
asc. node	-4305 Apr 18 j 14:13	4° Υ 45'12		asc. node	-4303 Oct 03 j 09:53	21° O 26'05	
	-4305 May 09 j 04:36	0° B		morning max el	-4303 Oct 03 j 10:07	21° O 26'40	46°50'33
	-4305 Jun 02 j 16:51	0° Π			-4303 Oct 11 j 13:57	0° Ω	
	-4305 Jun 27 j 06:53	0° O			-4303 Nov 07 j 05:03	0° M	
	-4305 Jul 22 j 00:54	0° Ω			-4303 Dec 02 j 11:54	0° O	
desc. node	-4305 Aug 08 j 10:36	20° Ω 52'37			-4303 Dec 27 j 08:32	0° M	
	-4305 Aug 16 j 02:48	0° M			-4302 Jan 21 j 02:31	0° X	
	-4305 Sep 10 j 20:24	0° O		desc. node	-4302 Jan 23 j 08:12	2° X 42'45	
	-4305 Oct 08 j 03:18	0° M			-4302 Feb 14 j 19:44	0° Z	
evening max el	-4305 Oct 11 j 10:41	3° M 24'52	47°32'29		-4302 Mar 11 j 11:52	0° \approx	
	-4305 Nov 10 j 22:19	0° X			-4302 Apr 05 j 02:10	0° X	
greatest brilliancy	-4305 Nov 20 j 20:54	5° X 15'12	-4.9m	morning set	-4302 Apr 07 j 12:01	2° X 56'50	
asc. node	-4305 Nov 29 j 06:24	7° X 20'22			-4302 Apr 29 j 13:54	0° Υ	
retrograde	-4305 Dec 01 j 13:55	7° X 26'56		max. Earth dist.	-4302 May 10 j 00:17	12° Υ 49'43	1.73453 AU
evening set	-4305 Dec 16 j 19:56	2° X 42'34					
	-4305 Dec 21 j 06:25	30° R M		superior conj	-4302 May 13 j 07:14	16° Υ 52'46	-0°06'37
min. Earth dist.	-4305 Dec 21 j 08:17	29° M 57'02	0.27618 AU	minimum elong	-4302 May 13 j 08:31	16° Υ 56'43	0°06'31
inferior conj	-4305 Dec 22 j 11:10	29° M 14'25	5°18'34	behind sun begin	-4302 May 12 j 12:14	15° Υ 54'16	
minimum elong	-4305 Dec 22 j 02:07	29° M 28'46	5°16'15	behind sun end	-4302 May 14 j 04:47	17° Υ 59'09	
morning rise	-4305 Dec 27 j 09:12	26° M 13'22		asc. node	-4302 May 16 j 02:44	20° Υ 20'41	
direct	-4304 Jan 12 j 04:36	21° M 17'59			-4302 May 23 j 22:37	0° B	
greatest brilliancy	-4304 Jan 20 j 21:47	22° M 44'00	-4.8m		-4302 Jun 17 j 04:23	0° Π	
	-4304 Feb 04 j 05:22	0° X		evening rise	-4302 Jun 17 j 22:00	0° Π 54'38	
morning max el	-4304 Mar 01 j 04:45	21° X 43'34	45°59'49		-4302 Jul 11 j 08:02	0° O	
	-4304 Mar 09 j 14:29	0° Z			-4302 Aug 04 j 11:15	0° Ω	
desc. node	-4304 Mar 20 j 05:16	10° Z 57'24			-4302 Aug 28 j 16:04	0° M	
	-4304 Apr 06 j 19:36	0° \approx		desc. node	-4302 Sep 04 j 22:44	8° M 59'28	
	-4304 May 03 j 07:00	0° X			-4302 Sep 22 j 00:38	0° O	
	-4304 May 28 j 20:22	0° Υ			-4302 Oct 16 j 15:57	0° M	
	-4304 Jun 22 j 18:25	0° B			-4302 Nov 10 j 20:31	0° X	
asc. node	-4304 Jul 11 j 01:07	22° B 24'20			-4302 Dec 07 j 07:43	0° Z	
	-4304 Jul 17 j 04:31	0° Π		evening max el	-4302 Dec 21 j 03:42	14° Z 29'52	46°18'00
	-4304 Aug 10 j 05:38	0° O		asc. node	-4302 Dec 26 j 18:04	20° Z 00'10	
greatest brilliancy	-4304 Aug 24 j 22:00	18° O 28'14	-3.9m		-4301 Jan 06 j 19:07	0° \approx	
morning set	-4304 Aug 25 j 03:45	18° O 46'24		greatest brilliancy	-4301 Jan 29 j 04:53	14° \approx 26'13	-4.8m
	-4304 Sep 03 j 01:19	0° Ω		retrograde	-4301 Feb 09 j 00:47	16° \approx 37'24	
	-4304 Sep 26 j 19:14	0° M		evening set	-4301 Feb 26 j 17:03	10° \approx 36'18	
				inferior conj	-4301 Mar 02 j 11:27	8° \approx 14'09	7°53'05
superior conj	-4304 Oct 04 j 04:12	9° M 18'32	0°56'56	minimum elong	-4301 Mar 02 j 16:24	8° \approx 06'14	7°52'31
minimum elong	-4304 Oct 04 j 15:37	9° M 54'32	0°56'36	min. Earth dist.	-4301 Mar 02 j 14:03	8° \approx 10'00	0.29324 AU
max. Earth dist.	-4304 Oct 06 j 22:23	12° M 47'15	1.70864 AU	morning rise	-4301 Mar 06 j 15:49	5° \approx 36'38	
	-4304 Oct 20 j 14:16	0° O			-4301 Mar 20 j 22:06	30° R Z	
desc. node	-4304 Oct 30 j 21:31	12° O 56'57		direct	-4301 Mar 24 j 02:09	29° Z 48'06	
	-4304 Nov 13 j 12:01	0° M			-4301 Mar 27 j 07:42	0° \approx	
evening rise	-4304 Nov 15 j 19:08	2° M 52'23		greatest brilliancy	-4301 Apr 02 j 22:25	1° \approx 32'42	-4.7m
	-4304 Dec 07 j 13:08	0° X		desc. node	-4301 Apr 17 j 16:31	9° \approx 16'57	
	-4304 Dec 31 j 18:22	0° Z		morning max el	-4301 May 11 j 22:25	29° \approx 32'11	45°50'46
	-4303 Jan 25 j 05:34	0° \approx			-4301 May 12 j 10:04	0° X	
	-4303 Feb 19 j 02:08	0° X			-4301 Jun 10 j 09:06	0° Υ	
asc. node	-4303 Feb 20 j 15:38	1° X 51'55			-4301 Jul 06 j 19:26	0° B	
	-4303 Mar 16 j 13:27	0° Υ			-4301 Aug 01 j 00:07	0° Π	
	-4303 Apr 12 j 01:12	0° B		asc. node	-4301 Aug 08 j 13:03	9° Π 10'19	
	-4303 May 10 j 15:35	0° Π			-4301 Aug 25 j 10:48	0° O	
evening max el	-4303 May 14 j 19:19	4° Π 01'18	45°32'12		-4301 Sep 18 j 10:58	0° Ω	
desc. node	-4303 Jun 12 j 13:17	27° Π 13'03			-4301 Oct 12 j 06:38	0° M	
	-4303 Jun 17 j 16:23	0° O			-4301 Nov 05 j 02:15	0° O	
greatest brilliancy	-4303 Jun 23 j 01:36	2° O 13'01	-4.8m	morning set	-4301 Nov 10 j 08:59	6° O 38'13	
retrograde	-4303 Jul 02 j 17:41	3° O 54'14		desc. node	-4301 Nov 28 j 09:55	29° O 15'02	
	-4303 Jul 17 j 02:10	30° R Π			-4301 Nov 29 j 00:18	0° M	
evening set	-4303 Jul 19 j 12:13	28° Π 41'24					
inferior conj	-4303 Jul 23 j 18:27	26° Π 10'09	-8°00'13	superior conj	-4301 Dec 22 j 12:56	29° M 20'47	-0°51'57

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4301 Dec 22 j 02:05	28° \mathbb{M} 47'02	0°51'42	greatest brilliancy	-4298 Jun 12 j 12:19	8° Υ 18'05	-4.8m
	-4301 Dec 23 j 01:33	0° \mathcal{A}			-4298 Jul 13 j 14:57	0° \mathcal{B}	
max. Earth dist.	-4301 Dec 26 j 21:44	4° \mathcal{A} 46'33	1.72158 AU	morning max el	-4298 Jul 21 j 01:25	7° \mathcal{B} 04'20	46°18'43
	-4300 Jan 16 j 05:53	0° \mathcal{B}			-4298 Aug 11 j 22:16	0° \mathbb{I}	
evening rise	-4300 Jan 31 j 11:04	18° \mathcal{B} 47'54		asc. node	-4298 Sep 05 j 00:41	27° \mathbb{I} 37'12	
	-4300 Feb 09 j 13:18	0° \approx			-4298 Sep 07 j 00:58	0° \mathcal{C}	
greatest brilliancy	-4300 Feb 25 j 21:56	20° \approx 05'11	-3.9m		-4298 Oct 01 j 20:55	0° \mathcal{Q}	
	-4300 Mar 05 j 00:29	0° \mathcal{H}			-4298 Oct 26 j 03:19	0° \mathbb{P}	
asc. node	-4300 Mar 20 j 03:57	18° \mathcal{H} 27'06			-4298 Nov 19 j 05:33	0° \mathcal{L}	
	-4300 Mar 29 j 16:34	0° Υ			-4298 Dec 13 j 08:35	0° \mathbb{L}	
	-4300 Apr 23 j 15:05	0° \mathcal{B}		desc. node	-4298 Dec 25 j 22:14	15° \mathbb{L} 34'45	
	-4300 May 18 j 22:26	0° \mathbb{I}			-4297 Jan 06 j 14:06	0° \mathcal{A}	
	-4300 Jun 13 j 19:55	0° \mathcal{C}		morning set	-4297 Jan 25 j 16:11	23° \mathcal{A} 33'05	
desc. node	-4300 Jul 10 j 00:49	29° \mathcal{C} 04'22			-4297 Jan 30 j 21:50	0° \mathcal{B}	
	-4300 Jul 10 j 21:36	0° \mathcal{Q}			-4297 Feb 24 j 07:01	0° \approx	
evening max el	-4300 Jul 27 j 09:49	17° \mathcal{Q} 01'06	47°00'33				
	-4300 Aug 10 j 08:13	0° \mathbb{P}		superior conj	-4297 Mar 04 j 22:25	10° \approx 37'06	-1°18'29
greatest brilliancy	-4300 Sep 06 j 14:39	17° \mathbb{P} 38'44	-4.9m	minimum elong	-4297 Mar 05 j 04:14	10° \approx 54'58	1°18'33
retrograde	-4300 Sep 15 j 18:10	19° \mathbb{P} 13'50		max. Earth dist.	-4297 Mar 05 j 18:08	11° \approx 37'39	1.73556 AU
evening set	-4300 Oct 01 j 15:57	14° \mathbb{P} 17'02			-4297 Mar 20 j 17:09	0° \mathcal{H}	
inferior conj	-4300 Oct 06 j 07:32	11° \mathbb{P} 31'28	-5°49'58	evening rise	-4297 Apr 10 j 12:39	25° \mathcal{H} 32'04	
minimum elong	-4300 Oct 06 j 18:05	11° \mathbb{P} 15'27	5°47'16		-4297 Apr 14 j 04:02	0° Υ	
min. Earth dist.	-4300 Oct 06 j 10:28	11° \mathbb{P} 27'02	0.26423 AU	asc. node	-4297 Apr 17 j 16:26	4° Υ 18'42	
morning rise	-4300 Oct 11 j 20:10	8° \mathbb{P} 17'09			-4297 May 08 j 15:38	0° \mathcal{B}	
direct	-4300 Oct 26 j 13:36	3° \mathbb{P} 56'33			-4297 Jun 02 j 04:12	0° \mathbb{I}	
asc. node	-4300 Oct 30 j 21:12	4° \mathbb{P} 19'04			-4297 Jun 26 j 18:46	0° \mathcal{C}	
greatest brilliancy	-4300 Nov 05 j 20:46	5° \mathbb{P} 58'45	-4.9m		-4297 Jul 21 j 13:35	0° \mathcal{Q}	
	-4300 Dec 08 j 20:31	0° \mathcal{L}		desc. node	-4297 Aug 07 j 12:35	20° \mathcal{Q} 18'16	
morning max el	-4300 Dec 16 j 00:05	7° \mathcal{L} 00'41	46°37'29		-4297 Aug 15 j 16:46	0° \mathbb{P}	
	-4299 Jan 06 j 17:12	0° \mathbb{L}			-4297 Sep 10 j 12:38	0° \mathcal{L}	
	-4299 Feb 02 j 07:48	0° \mathcal{A}			-4297 Oct 08 j 01:01	0° \mathbb{L}	
desc. node	-4299 Feb 19 j 19:52	20° \mathcal{A} 16'37		evening max el	-4297 Oct 09 j 01:45	1° \mathbb{L} 03'23	47°33'26
	-4299 Feb 28 j 03:14	0° \mathcal{B}			-4297 Nov 12 j 11:04	0° \mathcal{A}	
	-4299 Mar 25 j 12:18	0° \approx		greatest brilliancy	-4297 Nov 18 j 13:33	2° \mathcal{A} 55'05	-4.9m
	-4299 Apr 19 j 13:32	0° \mathcal{H}		asc. node	-4297 Nov 28 j 08:39	5° \mathcal{A} 04'06	
	-4299 May 14 j 07:39	0° Υ		retrograde	-4297 Nov 29 j 04:33	5° \mathcal{A} 04'57	
	-4299 Jun 07 j 18:55	0° \mathcal{B}		evening set	-4297 Dec 14 j 08:31	0° \mathcal{A} 24'48	
asc. node	-4299 Jun 12 j 15:06	5° \mathcal{B} 58'29			-4297 Dec 15 j 01:39	30° \mathbb{L}	
morning set	-4299 Jun 13 j 06:19	6° \mathcal{B} 45'30		min. Earth dist.	-4297 Dec 18 j 23:20	27° \mathbb{L} 35'51	0.27537 AU
	-4299 Jul 01 j 23:51	0° \mathbb{I}		inferior conj	-4297 Dec 20 j 01:48	26° \mathbb{L} 53'52	5°01'47
max. Earth dist.	-4299 Jul 15 j 21:36	17° \mathbb{I} 21'33	1.71876 AU	minimum elong	-4297 Dec 19 j 16:58	27° \mathbb{L} 07'54	4°59'27
				morning rise	-4297 Dec 25 j 02:17	23° \mathbb{L} 49'14	
superior conj	-4299 Jul 19 j 23:37	22° \mathbb{I} 28'15	1°12'50	direct	-4296 Jan 09 j 18:13	18° \mathbb{L} 58'53	
minimum elong	-4299 Jul 19 j 15:41	22° \mathbb{I} 03'23	1°12'50	greatest brilliancy	-4296 Jan 18 j 12:25	20° \mathbb{L} 25'27	-4.8m
	-4299 Jul 25 j 23:48	0° \mathcal{C}			-4296 Feb 05 j 02:55	0° \mathcal{A}	
	-4299 Aug 18 j 20:56	0° \mathcal{Q}		morning max el	-4296 Feb 27 j 18:08	19° \mathcal{A} 25'16	46°00'46
evening rise	-4299 Aug 27 j 02:24	10° \mathcal{Q} 20'48			-4296 Mar 09 j 10:14	0° \mathcal{B}	
	-4299 Sep 11 j 17:45	0° \mathbb{I}		desc. node	-4296 Mar 19 j 07:28	10° \mathcal{B} 17'04	
desc. node	-4299 Oct 02 j 11:09	25° \mathbb{P} 58'45			-4296 Apr 06 j 10:34	0° \approx	
	-4299 Oct 05 j 16:19	0° \mathcal{L}			-4296 May 02 j 20:00	0° \mathcal{H}	
	-4299 Oct 29 j 18:09	0° \mathbb{L}			-4296 May 28 j 08:23	0° Υ	
	-4299 Nov 23 j 00:49	0° \mathcal{A}			-4296 Jun 22 j 05:54	0° \mathcal{B}	
	-4299 Dec 17 j 15:41	0° \mathcal{B}		asc. node	-4296 Jul 10 j 03:11	21° \mathcal{B} 56'04	
	-4298 Jan 11 j 22:02	0° \approx			-4296 Jul 16 j 15:42	0° \mathbb{I}	
asc. node	-4298 Jan 23 j 05:40	13° \approx 01'41			-4296 Aug 09 j 16:42	0° \mathcal{C}	
	-4298 Feb 07 j 11:52	0° \mathcal{H}		morning set	-4296 Aug 22 j 17:02	16° \mathcal{C} 22'05	
evening max el	-4298 Mar 02 j 03:31	23° \mathcal{H} 16'51	45°10'39		-4296 Sep 02 j 12:22	0° \mathcal{Q}	
	-4298 Mar 09 j 09:30	0° Υ			-4296 Sep 26 j 06:21	0° \mathbb{P}	
greatest brilliancy	-4298 Apr 08 j 14:53	20° Υ 26'51	-4.7m				
retrograde	-4298 Apr 19 j 07:05	22° Υ 27'56		superior conj	-4296 Oct 01 j 14:13	6° \mathbb{P} 43'33	0°59'46
evening set	-4298 May 04 j 09:08	18° Υ 08'13		minimum elong	-4296 Oct 02 j 01:37	7° \mathbb{P} 19'33	0°59'27
inferior conj	-4298 May 10 j 16:11	14° Υ 24'28	1°02'10	max. Earth dist.	-4296 Oct 03 j 22:12	9° \mathbb{P} 40'10	1.70858 AU
minimum elong	-4298 May 10 j 18:27	14° Υ 20'58	1°01'33		-4296 Oct 20 j 01:28	0° \mathcal{L}	
min. Earth dist.	-4298 May 11 j 08:38	13° Υ 58'59	0.28796 AU	desc. node	-4296 Oct 29 j 23:42	12° \mathcal{L} 28'36	
desc. node	-4298 May 15 j 03:56	11° Υ 40'45			-4296 Nov 12 j 23:16	0° \mathbb{L}	
morning rise	-4298 May 17 j 03:13	10° Υ 34'01		evening rise	-4296 Nov 13 j 03:47	0° \mathbb{L} 14'09	
direct	-4298 Jun 01 j 11:13	6° Υ 06'36			-4296 Dec 07 j 00:25	0° \mathcal{A}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4296 Dec 31 j 05:45	0°☾	morning max el	-4293 May 09 j 15:32	27°☾25'05	45°50'22
	-4295 Jan 24 j 17:13	0°☾		-4293 May 12 j 07:57	0°☾	
	-4295 Feb 18 j 14:21	0°☾		-4293 Jun 10 j 00:45	0°☾	
asc. node	-4295 Feb 19 j 17:45	1°☾21'43		-4293 Jul 06 j 08:52	0°☾	
	-4295 Mar 16 j 02:47	0°☾		-4293 Jul 31 j 12:32	0°☾	
	-4295 Apr 11 j 16:57	0°☾	asc. node	-4293 Aug 07 j 15:05	8°☾39'09	
	-4295 May 10 j 13:53	0°☾		-4293 Aug 24 j 22:43	0°☾	
evening max el	-4295 May 12 j 08:36	1°☾42'27	45°30'00	-4293 Sep 17 j 22:37	0°☾	
desc. node	-4295 Jun 11 j 15:28	25°☾46'51		-4293 Oct 11 j 18:06	0°☾	
greatest brilliancy	-4295 Jun 20 j 13:19	29°☾51'28	-4.8m	-4293 Nov 04 j 13:35	0°☾	
	-4295 Jun 20 j 23:38	0°☾		-4293 Nov 07 j 19:02	4°☾03'25	
retrograde	-4295 Jun 30 j 06:46	1°☾34'08		-4293 Nov 27 j 12:00	28°☾46'23	
	-4295 Jul 09 j 06:01	30°☾		-4293 Nov 28 j 11:33	0°☾	
evening set	-4295 Jul 16 j 21:32	26°☾26'14				
inferior conj	-4295 Jul 21 j 07:54	23°☾49'25	-7°49'35	superior conj	-4293 Dec 19 j 23:55	26°☾50'47 -0°48'56
minimum elong	-4295 Jul 20 j 23:00	24°☾02'52	7°48'07	minimum elong	-4293 Dec 19 j 13:18	26°☾17'43 0°48'41
min. Earth dist.	-4295 Jul 21 j 15:12	23°☾38'23	0.27547 AU		-4293 Dec 22 j 12:44	0°☾
morning rise	-4295 Jul 25 j 00:08	21°☾37'35		max. Earth dist.	-4293 Dec 24 j 10:42	2°☾22'56 1.72103 AU
direct	-4295 Aug 11 j 08:28	15°☾56'29			-4292 Jan 15 j 17:02	0°☾
greatest brilliancy	-4295 Aug 22 j 08:56	18°☾10'39	-4.9m	evening rise	-4292 Jan 29 j 01:37	16°☾30'27
	-4295 Sep 10 j 10:18	0°☾			-4292 Feb 09 j 00:28	0°☾
morning max el	-4295 Sep 30 j 23:48	19°☾01'30	46°50'12		-4292 Mar 04 j 11:46	0°☾
asc. node	-4295 Oct 02 j 12:09	20°☾34'46		asc. node	-4292 Mar 19 j 06:09	17°☾58'57
	-4295 Oct 11 j 09:38	0°☾			-4292 Mar 29 j 04:10	0°☾
	-4295 Nov 06 j 20:31	0°☾			-4292 Apr 23 j 03:17	0°☾
	-4295 Dec 02 j 01:35	0°☾			-4292 May 18 j 11:43	0°☾
	-4295 Dec 26 j 21:13	0°☾			-4292 Jun 13 j 11:08	0°☾
	-4294 Jan 20 j 14:33	0°☾		desc. node	-4292 Jul 09 j 02:50	28°☾18'51
desc. node	-4294 Jan 22 j 10:11	2°☾12'25			-4292 Jul 10 j 16:57	0°☾
	-4294 Feb 14 j 07:17	0°☾		evening max el	-4292 Jul 24 j 23:55	14°☾38'16 46°57'35
	-4294 Mar 10 j 23:05	0°☾			-4292 Aug 10 j 18:24	0°☾
	-4294 Apr 04 j 13:09	0°☾		greatest brilliancy	-4292 Sep 04 j 02:41	15°☾07'47 -4.9m
morning set	-4294 Apr 05 j 06:32	0°☾53'08		retrograde	-4292 Sep 13 j 06:29	16°☾42'32
	-4294 Apr 29 j 00:47	0°☾		evening set	-4292 Sep 29 j 07:17	11°☾41'29
max. Earth dist.	-4294 May 07 j 23:11	10°☾59'00	1.73490 AU	inferior conj	-4292 Oct 03 j 19:28	9°☾00'38 -6°08'25
				minimum elong	-4292 Oct 04 j 06:11	8°☾44'20 6°05'47
superior conj	-4294 May 11 j 02:13	14°☾49'55	-0°09'39	min. Earth dist.	-4292 Oct 03 j 22:58	8°☾55'19 0.26435 AU
minimum elong	-4294 May 11 j 04:05	14°☾55'39	0°09'30	morning rise	-4292 Oct 09 j 05:06	5°☾50'35
behind sun begin	-4294 May 10 j 10:16	14°☾00'49		direct	-4292 Oct 24 j 02:32	1°☾25'56
behind sun end	-4294 May 11 j 21:54	15°☾50'30		asc. node	-4292 Oct 29 j 23:19	2°☾07'09
asc. node	-4294 May 15 j 04:53	19°☾53'44		greatest brilliancy	-4292 Nov 03 j 09:22	3°☾28'11 -4.9m
	-4294 May 23 j 09:32	0°☾			-4292 Dec 08 j 22:37	0°☾
evening rise	-4294 Jun 15 j 16:47	28°☾49'49		morning max el	-4292 Dec 13 j 13:47	4°☾35'45 46°38'40
	-4294 Jun 16 j 15:26	0°☾			-4291 Jan 06 j 10:39	0°☾
	-4294 Jul 10 j 19:19	0°☾			-4291 Feb 01 j 22:16	0°☾
	-4294 Aug 03 j 22:50	0°☾		desc. node	-4291 Feb 18 j 22:04	19°☾44'03
	-4294 Aug 28 j 04:01	0°☾			-4291 Feb 27 j 16:12	0°☾
desc. node	-4294 Sep 04 j 00:54	8°☾28'52			-4291 Mar 25 j 00:24	0°☾
	-4294 Sep 21 j 13:06	0°☾			-4291 Apr 19 j 01:05	0°☾
	-4294 Oct 16 j 05:12	0°☾			-4291 May 13 j 18:54	0°☾
	-4294 Nov 10 j 11:13	0°☾			-4291 Jun 07 j 06:00	0°☾
	-4294 Dec 07 j 01:49	0°☾		morning set	-4291 Jun 11 j 00:19	4°☾38'40
evening max el	-4294 Dec 18 j 19:27	12°☾14'48	46°21'09	asc. node	-4291 Jun 11 j 17:07	5°☾30'30
asc. node	-4294 Dec 25 j 20:07	19°☾07'24			-4291 Jul 01 j 10:55	0°☾
	-4293 Jan 07 j 03:34	0°☾		max. Earth dist.	-4291 Jul 13 j 09:59	14°☾55'33 1.71939 AU
greatest brilliancy	-4293 Jan 26 j 21:07	12°☾16'01	-4.8m			
retrograde	-4293 Feb 06 j 18:28	14°☾28'44		superior conj	-4291 Jul 17 j 15:55	20°☾14'15 1°11'07
evening set	-4293 Feb 24 j 11:19	8°☾25'09		minimum elong	-4291 Jul 17 j 07:40	19°☾48'28 1°11'06
inferior conj	-4293 Feb 28 j 04:28	6°☾04'57	7°58'21		-4291 Jul 25 j 10:57	0°☾
minimum elong	-4293 Feb 28 j 08:51	5°☾57'57	7°57'53		-4291 Aug 18 j 08:13	0°☾
min. Earth dist.	-4293 Feb 28 j 05:33	6°☾03'12	0.29305 AU	evening rise	-4291 Aug 24 j 14:47	7°☾53'08
morning rise	-4293 Mar 04 j 06:29	3°☾31'11			-4291 Sep 11 j 05:13	0°☾
	-4293 Mar 10 j 22:52	30°☾		desc. node	-4291 Oct 01 j 13:19	25°☾29'05
direct	-4293 Mar 21 j 18:48	29°☾39'14			-4291 Oct 05 j 04:00	0°☾
greatest brilliancy	-4293 Mar 31 j 13:21	27°☾22'53	-4.7m		-4291 Oct 29 j 06:03	0°☾
	-4293 Apr 02 j 06:18	0°☾			-4291 Nov 22 j 13:01	0°☾
desc. node	-4293 Apr 16 j 18:43	8°☾06'36			-4291 Dec 17 j 04:24	0°☾

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4290 Jan 11 j 11:54	0°♊			-4288 Jul 16 j 03:03	0°♊	
asc. node	-4290 Jan 22 j 07:47	12°♊25'46			-4288 Aug 09 j 03:57	0°♊	
	-4290 Feb 07 j 04:33	0°♋		morning set	-4288 Aug 20 j 06:24	13°♊57'32	
evening max el	-4290 Feb 27 j 18:58	21°♋05'12	45°11'33		-4288 Sep 01 j 23:37	0°♋	
	-4290 Mar 09 j 12:18	0°♌			-4288 Sep 25 j 17:38	0°♌	
greatest brilliancy	-4290 Apr 06 j 07:28	18°♌18'45	-4.7m				
retrograde	-4290 Apr 16 j 22:35	20°♌19'08		superior conj	-4288 Sep 29 j 00:16	4°♌08'13	1°02'27
evening set	-4290 May 02 j 02:38	15°♌57'27		minimum elong	-4288 Sep 29 j 11:34	4°♌43'54	1°02'10
inferior conj	-4290 May 08 j 08:27	12°♌15'06	1°21'31	max. Earth dist.	-4288 Oct 01 j 00:23	6°♌40'05	1.70855 AU
minimum elong	-4290 May 08 j 11:23	12°♌10'32	1°20'42		-4288 Oct 19 j 12:47	0°♌	
min. Earth dist.	-4290 May 09 j 01:24	11°♌48'45	0.28836 AU	desc. node	-4288 Oct 29 j 01:42	11°♌59'20	
desc. node	-4290 May 14 j 06:03	8°♌42'30		evening rise	-4288 Nov 10 j 12:26	27°♌35'29	
morning rise	-4290 May 14 j 19:32	8°♌23'55			-4288 Nov 12 j 10:38	0°♌	
direct	-4290 May 30 j 03:32	3°♌56'33			-4288 Dec 06 j 11:51	0°♌	
greatest brilliancy	-4290 Jun 10 j 04:32	6°♌07'21	-4.7m		-4288 Dec 30 j 17:19	0°♌	
	-4290 Jul 13 j 16:13	0°♍			-4287 Jan 24 j 05:03	0°♍	
morning max el	-4290 Jul 18 j 15:47	4°♍46'56	46°17'20		-4287 Feb 18 j 02:43	0°♍	
	-4290 Aug 11 j 15:05	0°♎		asc. node	-4287 Feb 18 j 20:00	0°♍51'26	
asc. node	-4290 Sep 04 j 02:58	27°♎01'35			-4287 Mar 15 j 16:18	0°♎	
	-4290 Sep 06 j 15:09	0°♏			-4287 Apr 11 j 08:58	0°♏	
	-4290 Oct 01 j 09:54	0°♐		evening max el	-4287 May 09 j 22:31	29°♏25'23	45°27'53
	-4290 Oct 25 j 15:41	0°♑			-4287 May 10 j 13:06	0°♐	
	-4290 Nov 18 j 17:32	0°♒		desc. node	-4287 Jun 10 j 17:27	24°♐17'29	
desc. node	-4290 Dec 12 j 20:17	0°♓		greatest brilliancy	-4287 Jun 18 j 00:29	27°♐29'30	-4.8m
	-4290 Dec 25 j 00:13	15°♓05'10		retrograde	-4287 Jun 27 j 20:21	29°♐14'06	
	-4289 Jan 06 j 01:31	0°♈		evening set	-4287 Jul 14 j 06:55	24°♐11'01	
morning set	-4289 Jan 23 j 05:51	21°♈12'40		inferior conj	-4287 Jul 18 j 21:22	21°♐28'33	-7°38'05
	-4289 Jan 30 j 09:01	0°♉		minimum elong	-4287 Jul 18 j 12:02	21°♐42'38	7°36'28
	-4289 Feb 23 j 18:03	0°♊		min. Earth dist.	-4287 Jul 19 j 04:25	21°♐17'55	0.27595 AU
				morning rise	-4287 Jul 22 j 16:50	19°♐12'14	
superior conj	-4289 Mar 02 j 15:38	8°♊28'46	-1°19'30	direct	-4287 Aug 08 j 22:55	13°♐34'35	
minimum elong	-4289 Mar 02 j 20:56	8°♊45'03	1°19'36	greatest brilliancy	-4287 Aug 19 j 23:34	15°♐49'16	-4.9m
max. Earth dist.	-4289 Mar 03 j 15:08	9°♊40'55	1.73524 AU		-4287 Sep 10 j 21:57	0°♑	
	-4289 Mar 20 j 04:08	0°♋		morning max el	-4287 Sep 28 j 14:25	16°♑38'28	46°49'44
evening rise	-4289 Apr 08 j 07:35	23°♋29'07		asc. node	-4287 Oct 01 j 14:14	19°♑43'27	
	-4289 Apr 13 j 15:05	0°♌			-4287 Oct 11 j 04:56	0°♒	
asc. node	-4289 Apr 16 j 18:33	3°♌51'15			-4287 Nov 06 j 11:54	0°♑	
	-4289 May 08 j 02:54	0°♍			-4287 Dec 01 j 15:14	0°♒	
	-4289 Jun 01 j 15:50	0°♎			-4287 Dec 26 j 09:53	0°♓	
	-4289 Jun 26 j 06:58	0°♏			-4286 Jan 20 j 02:33	0°♈	
desc. node	-4289 Jul 21 j 02:37	0°♐		desc. node	-4286 Jan 21 j 12:22	1°♈42'42	
	-4289 Aug 06 j 14:46	19°♐43'38			-4286 Feb 13 j 18:50	0°♉	
	-4289 Aug 15 j 07:06	0°♑			-4286 Mar 10 j 10:18	0°♊	
	-4289 Sep 10 j 05:23	0°♒		morning set	-4286 Apr 03 j 01:04	28°♊49'25	
evening max el	-4289 Oct 06 j 15:42	28°♒38'18	47°34'14		-4286 Apr 04 j 00:09	0°♋	
	-4289 Oct 07 j 23:51	0°♓			-4286 Apr 28 j 11:39	0°♌	
	-4289 Nov 14 j 21:10	0°♈		max. Earth dist.	-4286 May 05 j 23:01	9°♌11'13	1.73518 AU
greatest brilliancy	-4289 Nov 16 j 06:10	0°♈33'44	-4.9m				
retrograde	-4289 Nov 26 j 19:00	2°♈41'57		superior conj	-4286 May 08 j 21:20	12°♌47'34	-0°12'38
asc. node	-4289 Nov 27 j 10:44	2°♈41'25		minimum elong	-4286 May 08 j 23:46	12°♌55'05	0°12'29
	-4289 Dec 08 j 04:36	30°♋♌		behind sun begin	-4286 May 08 j 10:06	12°♌13'00	
evening set	-4289 Dec 11 j 21:05	28°♌05'29		behind sun end	-4286 May 09 j 13:26	13°♌37'10	
min. Earth dist.	-4289 Dec 16 j 14:29	25°♌13'10	0.27460 AU	asc. node	-4286 May 14 j 06:55	19°♌26'37	
inferior conj	-4289 Dec 17 j 16:21	24°♌32'12	4°44'20		-4286 May 22 j 20:23	0°♍	
minimum elong	-4289 Dec 17 j 07:45	24°♌45'49	4°42'00	evening rise	-4286 Jun 13 j 11:48	26°♍46'00	
morning rise	-4289 Dec 22 j 19:14	21°♌24'07			-4286 Jun 16 j 02:25	0°♎	
direct	-4288 Jan 07 j 07:22	16°♌38'23			-4286 Jul 10 j 06:34	0°♏	
greatest brilliancy	-4288 Jan 16 j 03:26	18°♌06'13	-4.8m		-4286 Aug 03 j 10:26	0°♐	
	-4288 Feb 05 j 19:19	0°♈			-4286 Aug 27 j 16:02	0°♑	
morning max el	-4288 Feb 25 j 07:42	17°♈06'36	46°01'59	desc. node	-4286 Sep 03 j 03:02	7°♑57'57	
	-4288 Mar 09 j 05:38	0°♉			-4286 Sep 21 j 01:39	0°♒	
desc. node	-4288 Mar 18 j 09:37	9°♉36'34			-4286 Oct 15 j 18:35	0°♓	
	-4288 Apr 06 j 01:28	0°♊			-4286 Nov 10 j 02:07	0°♈	
	-4288 May 02 j 09:03	0°♋			-4286 Dec 06 j 20:21	0°♉	
	-4288 May 27 j 20:30	0°♌		evening max el	-4286 Dec 16 j 11:41	10°♉00'52	46°24'24
	-4288 Jun 21 j 17:31	0°♍		asc. node	-4286 Dec 24 j 22:14	18°♉13'53	
asc. node	-4288 Jul 09 j 05:18	21°♍27'24			-4285 Jan 07 j 15:01	0°♊	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4285 Jan 24 j 13:24	10°≈05'46	-4.8m			-4283 Jun 30 j 21:46	0°♐	
retrograde	-4285 Feb 04 j 12:07	12°≈19'38		max. Earth dist.		-4283 Jul 10 j 23:16	12°♐33'14	1.72000 AU
evening set	-4285 Feb 22 j 05:19	6°≈14'04						
inferior conj	-4285 Feb 25 j 21:21	3°≈55'23	8°03'04	superior conj		-4283 Jul 15 j 08:34	18°♐02'17	1°09'18
minimum elong	-4285 Feb 26 j 01:07	3°≈49'21	8°02'41	minimum elong		-4283 Jul 15 j 00:05	17°♐35'47	1°09'16
min. Earth dist.	-4285 Feb 25 j 20:39	3°≈56'29	0.29282 AU			-4283 Jul 24 j 21:50	0°♑	
morning rise	-4285 Mar 01 j 21:06	1°≈25'11				-4283 Aug 17 j 19:12	0°♒	
	-4285 Mar 04 j 07:33	30°♒♂		evening rise		-4283 Aug 22 j 03:45	5°♒28'28	
direct	-4285 Mar 19 j 11:41	25°♂30'15				-4283 Sep 10 j 16:21	0°♓	
greatest brilliancy	-4285 Mar 29 j 03:34	27°♂12'11	-4.7m	desc. node		-4283 Sep 30 j 15:20	24°♓59'59	
	-4285 Apr 04 j 16:59	0°≈				-4283 Oct 04 j 15:21	0°♈	
desc. node	-4285 Apr 15 j 20:47	6°≈58'04				-4283 Oct 28 j 17:39	0°♉	
morning max el	-4285 May 07 j 08:34	25°≈18'07	45°50'04			-4283 Nov 22 j 00:58	0°♊	
	-4285 May 12 j 04:57	0°♋				-4283 Dec 16 j 16:58	0°♌	
	-4285 Jun 09 j 16:01	0°♍				-4282 Jan 11 j 01:42	0°≈	
	-4285 Jul 05 j 22:02	0°♎		asc. node		-4282 Jan 21 j 10:02	11°≈50'33	
	-4285 Jul 31 j 00:44	0°♏				-4282 Feb 06 j 21:23	0°♐	
asc. node	-4285 Aug 06 j 17:22	8°♐09'25		evening max el		-4282 Feb 25 j 09:29	18°♐51'45	45°12'42
	-4285 Aug 24 j 10:26	0°♑				-4282 Mar 09 j 16:35	0°♒	
	-4285 Sep 17 j 10:06	0°♒		greatest brilliancy		-4282 Apr 03 j 23:49	16°♒10'50	-4.7m
	-4285 Oct 11 j 05:27	0°♓		retrograde		-4282 Apr 14 j 14:02	18°♒10'59	
	-4285 Nov 04 j 00:51	0°♈		evening set		-4282 Apr 29 j 20:08	13°♒46'47	
morning set	-4285 Nov 05 j 04:43	1°♈27'36		inferior conj		-4282 May 06 j 00:37	10°♒06'14	1°40'38
desc. node	-4285 Nov 26 j 14:03	28°♈17'47		minimum elong		-4282 May 06 j 04:13	10°♒00'38	1°39'38
	-4285 Nov 27 j 22:44	0°♉		min. Earth dist.		-4282 May 06 j 18:12	9°♒38'54	0.28875 AU
				morning rise		-4282 May 12 j 11:37	6°♒14'39	
superior conj	-4285 Dec 17 j 10:12	24°♉18'43	-0°45'47	desc. node		-4282 May 13 j 08:08	5°♒47'08	
minimum elong	-4285 Dec 16 j 23:54	23°♉46'39	0°45'31	direct		-4282 May 27 j 19:22	1°♒46'48	
	-4285 Dec 21 j 23:50	0°♊		greatest brilliancy		-4282 Jun 07 j 21:05	3°♒57'39	-4.7m
max. Earth dist.	-4285 Dec 22 j 00:57	0°♊03'28	1.72044 AU			-4282 Jul 13 j 16:00	0°♋	
	-4284 Jan 15 j 04:04	0°♌		morning max el		-4282 Jul 16 j 06:25	2°♋31'02	46°16'09
evening rise	-4284 Jan 26 j 15:37	14°♌11'36				-4282 Aug 11 j 07:18	0°♍	
	-4284 Feb 08 j 11:30	0°≈		asc. node		-4282 Sep 03 j 05:00	26°♍26'29	
	-4284 Mar 03 j 22:56	0°♎				-4282 Sep 06 j 04:52	0°♑	
asc. node	-4284 Mar 18 j 08:13	17°♎30'47				-4282 Sep 30 j 22:28	0°♒	
	-4284 Mar 28 j 15:40	0°♓				-4282 Oct 25 j 03:38	0°♓	
	-4284 Apr 22 j 15:25	0°♈				-4282 Nov 18 j 05:07	0°♈	
	-4284 May 18 j 00:55	0°♐				-4282 Dec 12 j 07:35	0°♉	
	-4284 Jun 13 j 02:18	0°♑		desc. node		-4282 Dec 24 j 02:24	14°♉37'18	
desc. node	-4284 Jul 08 j 05:04	27°♑34'14				-4281 Jan 05 j 12:36	0°♊	
	-4284 Jul 10 j 12:29	0°♒		morning set		-4281 Jan 20 j 19:03	18°♊51'34	
evening max el	-4284 Jul 22 j 13:35	12°♒15'27	46°54'32			-4281 Jan 29 j 19:55	0°♌	
	-4284 Aug 11 j 07:22	0°♓				-4281 Feb 23 j 04:50	0°≈	
greatest brilliancy	-4284 Sep 01 j 14:59	12°♓38'20	-4.9m					
retrograde	-4284 Sep 10 j 18:18	14°♓12'10		superior conj		-4281 Feb 28 j 08:24	6°≈19'46	-1°20'26
evening set	-4284 Sep 26 j 22:40	9°♓07'02		minimum elong		-4281 Feb 28 j 13:08	6°≈34'19	1°20'32
inferior conj	-4284 Oct 01 j 07:26	6°♓30'49	-6°26'01	max. Earth dist.		-4281 Mar 01 j 09:29	7°≈36'51	1.73493 AU
minimum elong	-4284 Oct 01 j 18:14	6°♓14'24	6°23'28			-4281 Mar 19 j 14:52	0°♋	
min. Earth dist.	-4284 Oct 01 j 11:37	6°♓24'27	0.26452 AU	evening rise		-4281 Apr 06 j 02:03	21°♋25'35	
morning rise	-4284 Oct 06 j 13:48	3°♓25'07				-4281 Apr 13 j 01:54	0°♍	
	-4284 Oct 14 j 11:05	30°♓♂		asc. node		-4281 Apr 15 j 20:34	3°♍24'18	
direct	-4284 Oct 21 j 15:07	28°♓56'16				-4281 May 07 j 13:55	0°♎	
	-4284 Oct 28 j 23:32	0°♓				-4281 Jun 01 j 03:14	0°♏	
asc. node	-4284 Oct 29 j 01:27	0°♓01'21				-4281 Jun 25 j 18:57	0°♑	
greatest brilliancy	-4284 Oct 31 j 22:21	0°♓58'36	-4.9m			-4281 Jul 20 j 15:27	0°♒	
	-4284 Dec 08 j 23:16	0°♈		desc. node		-4281 Aug 05 j 16:55	19°♒09'32	
morning max el	-4284 Dec 11 j 02:35	2°♈08'37	46°39'40			-4281 Aug 14 j 21:18	0°♓	
	-4283 Jan 06 j 03:39	0°♉				-4281 Sep 09 j 22:03	0°♈	
	-4283 Feb 01 j 12:27	0°♊		evening max el		-4281 Oct 04 j 05:30	26°♈14'08	47°35'09
desc. node	-4283 Feb 18 j 00:15	19°♊12'03				-4281 Oct 07 j 23:06	0°♉	
	-4283 Feb 27 j 04:56	0°♌		greatest brilliancy		-4281 Nov 13 j 22:23	28°♉13'19	-4.9m
	-4283 Mar 24 j 12:14	0°≈				-4281 Nov 20 j 06:58	0°♊	
	-4283 Apr 18 j 12:24	0°♋		retrograde		-4281 Nov 24 j 09:44	0°♋20'37	
	-4283 May 13 j 05:54	0°♍		asc. node		-4281 Nov 26 j 12:52	0°♌14'56	
	-4283 Jun 06 j 16:52	0°♎				-4281 Nov 28 j 10:50	30°♎♌	
morning set	-4283 Jun 08 j 18:24	2°♎32'47		evening set		-4281 Dec 09 j 09:53	25°♎47'09	
asc. node	-4283 Jun 10 j 19:16	5°♎03'40		min. Earth dist.		-4281 Dec 14 j 05:34	22°♎52'07	0.27386 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4281 Dec 15 j 06:58	22° \mathbb{M} 11'58	4°26'24			-4278 May 22 j 07:08	0° \mathcal{B}	
minimum elong	-4281 Dec 14 j 22:41	22° \mathbb{M} 25'04	4°24'04	evening rise		-4278 Jun 11 j 06:45	24° \mathcal{B} 42'20	
morning rise	-4281 Dec 20 j 12:16	19° \mathbb{M} 00'44				-4278 Jun 15 j 13:19	0° \mathbb{I}	
direct	-4280 Jan 04 j 20:38	14° \mathbb{M} 19'07				-4278 Jul 09 j 17:43	0° \mathcal{E}	
greatest brilliancy	-4280 Jan 13 j 18:27	15° \mathbb{M} 48'23	-4.8m			-4278 Aug 02 j 21:55	0° Ω	
	-4280 Feb 06 j 07:01	0° \mathcal{A}				-4278 Aug 27 j 03:58	0° \mathbb{M}	
morning max el	-4280 Feb 22 j 22:05	14° \mathcal{A} 50'49	46°03'00	desc. node		-4278 Sep 02 j 05:02	7° \mathbb{M} 26'58	
	-4280 Mar 09 j 00:10	0° \mathcal{Z}				-4278 Sep 20 j 14:10	0° \mathcal{L}	
desc. node	-4280 Mar 17 j 11:39	8° \mathcal{Z} 57'07				-4278 Oct 15 j 07:59	0° \mathbb{M}	
	-4280 Apr 05 j 15:57	0° \approx				-4278 Nov 09 j 17:06	0° \mathcal{A}	
	-4280 May 01 j 21:46	0° \mathcal{H}				-4278 Dec 06 j 15:13	0° \mathcal{Z}	
	-4280 May 27 j 08:19	0° \mathcal{Y}		evening max el		-4278 Dec 14 j 04:22	7° \mathcal{Z} 48'18	46°27'43
	-4280 Jun 21 j 04:50	0° \mathcal{B}		asc. node		-4278 Dec 24 j 00:33	17° \mathcal{Z} 20'19	
asc. node	-4280 Jul 08 j 07:30	20° \mathcal{B} 59'52				-4277 Jan 08 j 06:01	0° \approx	
	-4280 Jul 15 j 14:08	0° \mathbb{I}		greatest brilliancy		-4277 Jan 22 j 06:35	7° \approx 57'23	-4.8m
	-4280 Aug 08 j 14:56	0° \mathcal{E}		retrograde		-4277 Feb 02 j 05:52	10° \approx 11'28	
morning set	-4280 Aug 17 j 19:49	11° \mathcal{E} 34'03		evening set		-4277 Feb 19 j 23:22	4° \approx 04'37	
	-4280 Sep 01 j 10:37	0° Ω		inferior conj		-4277 Feb 23 j 14:29	1° \approx 47'01	8°07'09
	-4280 Sep 25 j 04:40	0° \mathbb{M}		minimum elong		-4277 Feb 23 j 17:38	1° \approx 41'59	8°06'50
				min. Earth dist.		-4277 Feb 23 j 12:04	1° \approx 50'52	0.29251 AU
superior conj	-4280 Sep 26 j 10:28	1° \mathbb{M} 34'06	1°05'00			-4277 Feb 26 j 10:03	30° \mathcal{R} \mathcal{Z}	
minimum elong	-4280 Sep 26 j 21:36	2° \mathbb{M} 09'13	1°04'46	morning rise		-4277 Feb 27 j 12:05	29° \mathcal{Z} 19'58	
max. Earth dist.	-4280 Sep 28 j 05:01	3° \mathbb{M} 48'23	1.70851 AU	direct		-4277 Mar 17 j 04:48	23° \mathcal{Z} 22'43	
	-4280 Oct 18 j 23:51	0° \mathcal{L}		greatest brilliancy		-4277 Mar 26 j 17:44	25° \mathcal{Z} 02'25	-4.7m
desc. node	-4280 Oct 28 j 03:48	11° \mathcal{L} 31'10				-4277 Apr 06 j 05:40	0° \approx	
evening rise	-4280 Nov 07 j 21:16	24° \mathcal{L} 58'16		desc. node		-4277 Apr 14 j 22:56	5° \approx 52'22	
	-4280 Nov 11 j 21:42	0° \mathbb{M}		morning max el		-4277 May 05 j 01:04	23° \approx 10'26	45°49'37
	-4280 Dec 05 j 22:57	0° \mathcal{A}				-4277 May 12 j 01:03	0° \mathcal{H}	
	-4280 Dec 30 j 04:32	0° \mathcal{Z}				-4277 Jun 09 j 06:59	0° \mathcal{Y}	
	-4279 Jan 23 j 16:33	0° \approx				-4277 Jul 05 j 11:06	0° \mathcal{B}	
asc. node	-4279 Feb 17 j 22:01	0° \mathcal{H} 21'19				-4277 Jul 30 j 12:54	0° \mathbb{I}	
	-4279 Feb 17 j 14:51	0° \mathcal{H}		asc. node		-4277 Aug 05 j 19:25	7° \mathbb{I} 38'57	
	-4279 Mar 15 j 05:39	0° \mathcal{Y}				-4277 Aug 23 j 22:09	0° \mathcal{E}	
	-4279 Apr 11 j 01:02	0° \mathcal{B}				-4277 Sep 16 j 21:34	0° Ω	
evening max el	-4279 May 07 j 13:27	27° \mathcal{B} 11'24	45°25'51			-4277 Oct 10 j 16:47	0° \mathbb{M}	
	-4279 May 10 j 13:10	0° \mathbb{I}		morning set		-4277 Nov 02 j 14:24	28° \mathbb{M} 51'46	
desc. node	-4279 Jun 09 j 19:42	22° \mathbb{I} 45'55				-4277 Nov 03 j 12:06	0° \mathcal{L}	
greatest brilliancy	-4279 Jun 15 j 11:39	25° \mathbb{I} 08'25	-4.8m	desc. node		-4277 Nov 25 j 16:13	27° \mathcal{L} 49'30	
retrograde	-4279 Jun 25 j 10:07	26° \mathbb{I} 54'41				-4277 Nov 27 j 09:55	0° \mathbb{M}	
evening set	-4279 Jul 11 j 16:27	21° \mathbb{I} 56'37						
inferior conj	-4279 Jul 16 j 10:51	19° \mathbb{I} 08'25	-7°25'56	superior conj		-4277 Dec 14 j 20:24	21° \mathbb{M} 46'15	-0°42'31
minimum elong	-4279 Jul 16 j 01:09	19° \mathbb{I} 23'04	7°24'09	minimum elong		-4277 Dec 14 j 10:31	21° \mathbb{M} 15'29	0°42'14
min. Earth dist.	-4279 Jul 16 j 17:28	18° \mathbb{I} 58'26	0.27640 AU	max. Earth dist.		-4277 Dec 19 j 15:41	27° \mathbb{M} 45'17	1.71983 AU
morning rise	-4279 Jul 20 j 09:33	16° \mathbb{I} 47'31				-4277 Dec 21 j 10:58	0° \mathcal{A}	
direct	-4279 Aug 06 j 13:44	11° \mathbb{I} 13'41				-4276 Jan 14 j 15:08	0° \mathcal{Z}	
greatest brilliancy	-4279 Aug 17 j 13:33	13° \mathbb{I} 27'54	-4.9m	evening rise		-4276 Jan 24 j 05:36	11° \mathcal{Z} 52'30	
	-4279 Sep 11 j 06:21	0° \mathcal{E}				-4276 Feb 07 j 22:33	0° \approx	
morning max el	-4279 Sep 26 j 05:11	14° \mathcal{E} 16'36	46°49'08			-4276 Mar 03 j 10:05	0° \mathcal{H}	
asc. node	-4279 Sep 30 j 16:22	18° \mathcal{E} 53'45		asc. node		-4276 Mar 17 j 10:21	17° \mathcal{H} 02'51	
	-4279 Oct 10 j 23:32	0° Ω				-4276 Mar 28 j 03:10	0° \mathcal{Y}	
	-4279 Nov 06 j 02:54	0° \mathbb{M}				-4276 Apr 22 j 03:34	0° \mathcal{B}	
	-4279 Dec 01 j 04:34	0° \mathcal{L}				-4276 May 17 j 14:14	0° \mathbb{I}	
	-4279 Dec 25 j 22:15	0° \mathbb{M}				-4276 Jun 12 j 17:46	0° \mathcal{E}	
	-4278 Jan 19 j 14:16	0° \mathcal{A}		desc. node		-4276 Jul 07 j 07:11	26° \mathcal{E} 48'13	
desc. node	-4278 Jan 20 j 14:30	1° \mathcal{A} 13'41				-4276 Jul 10 j 08:47	0° Ω	
	-4278 Feb 13 j 06:06	0° \mathcal{Z}		evening max el		-4276 Jul 20 j 02:28	9° Ω 50'11	46°51'18
	-4278 Mar 09 j 21:16	0° \approx				-4276 Aug 12 j 00:55	0° \mathbb{M}	
morning set	-4278 Mar 31 j 19:43	26° \approx 46'47		greatest brilliancy		-4276 Aug 30 j 03:52	10° \mathbb{M} 09'04	-4.9m
	-4278 Apr 03 j 10:55	0° \mathcal{H}		retrograde		-4276 Sep 08 j 05:40	11° \mathbb{M} 41'23	
	-4278 Apr 27 j 22:21	0° \mathcal{Y}		evening set		-4276 Sep 24 j 14:04	6° \mathbb{M} 32'06	
max. Earth dist.	-4278 May 03 j 22:08	7° \mathcal{Y} 21'45	1.73549 AU	inferior conj		-4276 Sep 28 j 19:26	4° \mathbb{M} 00'44	-6°42'50
				minimum elong		-4276 Sep 29 j 06:12	3° \mathbb{M} 44'20	6°40'24
superior conj	-4278 May 06 j 16:28	10° \mathcal{Y} 45'46	-0°15'37	min. Earth dist.		-4276 Sep 29 j 00:37	3° \mathbb{M} 52'50	0.26471 AU
minimum elong	-4278 May 06 j 19:28	10° \mathcal{Y} 55'01	0°15'27	morning rise		-4276 Oct 03 j 22:18	0° \mathbb{M} 59'35	
behind sun begin	-4278 May 06 j 14:55	10° \mathcal{Y} 40'59				-4276 Oct 05 j 19:13	30° \mathcal{R} Ω	
behind sun end	-4278 May 07 j 00:02	11° \mathcal{Y} 09'03		direct		-4276 Oct 19 j 03:06	26° Ω 26'04	
asc. node	-4278 May 13 j 09:06	19° \mathcal{Y} 00'16		asc. node		-4276 Oct 28 j 03:39	28° Ω 00'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4276 Oct 29 j 11:49	28°♌29'08	-4.9m		-4273 May 07 j 01:14	0°♎	
	-4276 Nov 01 j 23:50	0°♐			-4273 May 31 j 14:54	0°♑	
morning max el	-4276 Dec 08 j 14:42	29°♐39'06	46°40'42		-4273 Jun 25 j 07:12	0°♒	
	-4276 Dec 08 j 22:58	0°♑			-4273 Jul 20 j 04:37	0°♓	
	-4275 Jan 05 j 20:29	0°♒		desc. node	-4273 Aug 04 j 18:55	18°♓34'04	
	-4275 Feb 01 j 02:37	0°♓			-4273 Aug 14 j 11:55	0°♐	
desc. node	-4275 Feb 17 j 02:12	18°♓39'06			-4273 Sep 09 j 15:27	0°♑	
	-4275 Feb 26 j 17:42	0°♒		evening max el	-4273 Oct 01 j 19:59	23°♑50'22	47°35'42
	-4275 Mar 24 j 00:09	0°♓			-4273 Oct 08 j 00:03	0°♒	
	-4275 Apr 17 j 23:47	0°♑		greatest brilliancy	-4273 Nov 11 j 13:54	25°♒49'34	-4.9m
	-4275 May 12 j 16:59	0°♐		retrograde	-4273 Nov 22 j 00:35	27°♒56'34	
	-4275 Jun 06 j 03:50	0°♎		asc. node	-4273 Nov 25 j 15:06	27°♒40'07	
morning set	-4275 Jun 06 j 12:50	0°♎27'46		evening set	-4273 Dec 06 j 22:28	23°♒25'43	
asc. node	-4275 Jun 09 j 21:28	4°♎36'39		min. Earth dist.	-4273 Dec 11 j 20:06	20°♒28'23	0.27314 AU
	-4275 Jun 30 j 08:44	0°♑		inferior conj	-4273 Dec 12 j 21:12	19°♒48'51	4°07'32
max. Earth dist.	-4275 Jul 08 j 15:07	10°♑18'29	1.72070 AU	minimum elong	-4273 Dec 12 j 13:19	20°♒01'17	4°05'15
				morning rise	-4273 Dec 18 j 04:57	16°♒34'43	
superior conj	-4275 Jul 13 j 01:28	15°♑50'40	1°07'24	direct	-4272 Jan 02 j 09:56	11°♒57'00	
minimum elong	-4275 Jul 12 j 16:49	15°♑23'39	1°07'21	greatest brilliancy	-4272 Jan 11 j 08:44	13°♒27'26	-4.8m
	-4275 Jul 24 j 08:54	0°♒			-4272 Feb 06 j 16:28	0°♓	
	-4275 Aug 17 j 06:26	0°♓		morning max el	-4272 Feb 20 j 13:08	12°♓35'05	46°04'10
evening rise	-4275 Aug 19 j 16:56	3°♓03'44			-4272 Mar 08 j 18:45	0°♒	
	-4275 Sep 10 j 03:47	0°♐		desc. node	-4272 Mar 16 j 13:52	8°♒17'17	
desc. node	-4275 Sep 29 j 17:28	24°♐30'21			-4272 Apr 05 j 06:40	0°♓	
	-4275 Oct 04 j 03:00	0°♑			-4272 May 01 j 10:48	0°♑	
	-4275 Oct 28 j 05:33	0°♒			-4272 May 26 j 20:27	0°♐	
	-4275 Nov 21 j 13:13	0°♓			-4272 Jun 20 j 16:28	0°♎	
	-4275 Dec 16 j 05:51	0°♒		asc. node	-4272 Jul 07 j 09:34	20°♎31'02	
	-4274 Jan 10 j 15:55	0°♓			-4272 Jul 15 j 01:29	0°♑	
asc. node	-4274 Jan 20 j 12:05	11°♓13'43			-4272 Aug 08 j 02:11	0°♒	
	-4274 Feb 06 j 14:49	0°♑		morning set	-4272 Aug 15 j 09:55	9°♒12'05	
evening max el	-4274 Feb 23 j 00:03	16°♑37'46	45°14'05		-4272 Aug 31 j 21:52	0°♓	
	-4274 Mar 09 j 23:08	0°♐					
greatest brilliancy	-4274 Apr 01 j 15:58	14°♐02'36	-4.7m	superior conj	-4272 Sep 23 j 21:08	29°♓00'29	1°07'23
retrograde	-4274 Apr 12 j 06:12	16°♐03'20		minimum elong	-4272 Sep 24 j 07:58	29°♓34'40	1°07'11
evening set	-4274 Apr 27 j 14:01	11°♐36'13			-4272 Sep 24 j 15:59	0°♐	
inferior conj	-4274 May 03 j 17:05	7°♐57'42	1°59'25	max. Earth dist.	-4272 Sep 25 j 13:01	1°♐06'23	1.70857 AU
minimum elong	-4274 May 03 j 21:19	7°♐51'08	1°58'15		-4272 Oct 18 j 11:15	0°♑	
min. Earth dist.	-4274 May 04 j 11:07	7°♐29'40	0.28913 AU	desc. node	-4272 Oct 27 j 06:00	11°♑02'08	
morning rise	-4274 May 10 j 03:52	4°♐06'12		evening rise	-4272 Nov 05 j 05:53	22°♑19'07	
desc. node	-4274 May 12 j 10:19	2°♐55'29			-4272 Nov 11 j 09:10	0°♒	
	-4274 May 21 j 02:00	30°♑♐			-4272 Dec 05 j 10:30	0°♓	
direct	-4274 May 25 j 11:26	29°♑37'22			-4272 Dec 29 j 16:15	0°♒	
	-4274 May 29 j 23:21	0°♐			-4271 Jan 23 j 04:34	0°♓	
greatest brilliancy	-4274 Jun 05 j 13:53	1°♐48'37	-4.7m	asc. node	-4271 Feb 17 j 00:10	29°♓50'08	
	-4274 Jul 13 j 14:53	0°♎			-4271 Feb 17 j 03:29	0°♑	
morning max el	-4274 Jul 13 j 22:05	0°♎17'33	46°14'52		-4271 Mar 14 j 19:35	0°♐	
	-4274 Aug 10 j 23:26	0°♑			-4271 Apr 10 j 17:51	0°♎	
asc. node	-4274 Sep 02 j 07:08	25°♑51'06		evening max el	-4271 May 05 j 05:06	24°♎58'11	45°23'56
	-4274 Sep 05 j 18:45	0°♒			-4271 May 10 j 14:53	0°♑	
	-4274 Sep 30 j 11:19	0°♓		desc. node	-4271 Jun 08 j 21:50	21°♑10'19	
	-4274 Oct 24 j 15:56	0°♐		greatest brilliancy	-4271 Jun 12 j 23:34	22°♑47'50	-4.8m
	-4274 Nov 17 j 17:04	0°♑		retrograde	-4271 Jun 22 j 23:51	24°♑35'03	
	-4274 Dec 11 j 19:15	0°♒		evening set	-4271 Jul 09 j 02:25	19°♑42'12	
desc. node	-4274 Dec 23 j 04:32	14°♒08'08		inferior conj	-4271 Jul 14 j 00:34	16°♑48'25	-7°13'11
	-4273 Jan 05 j 00:01	0°♓		minimum elong	-4271 Jul 13 j 14:36	17°♑03'30	7°11'15
morning set	-4273 Jan 18 j 07:51	16°♓28'06		min. Earth dist.	-4271 Jul 14 j 06:54	16°♑38'50	0.27678 AU
	-4273 Jan 29 j 07:08	0°♒		morning rise	-4271 Jul 18 j 02:29	14°♑22'44	
	-4273 Feb 22 j 15:55	0°♓		direct	-4271 Aug 04 j 04:42	8°♑53'08	
				greatest brilliancy	-4271 Aug 15 j 03:21	11°♑06'13	-4.9m
superior conj	-4273 Feb 26 j 01:03	4°♓09'23	-1°21'15		-4271 Sep 11 j 12:31	0°♒	
minimum elong	-4273 Feb 26 j 05:10	4°♓22'03	1°21'22	morning max el	-4271 Sep 23 j 19:30	11°♒53'22	46°48'27
max. Earth dist.	-4273 Feb 27 j 02:59	5°♓29'06	1.73461 AU	asc. node	-4271 Sep 29 j 18:38	18°♒04'54	
	-4273 Mar 19 j 01:56	0°♑			-4271 Oct 10 j 17:50	0°♓	
evening rise	-4273 Apr 03 j 20:40	19°♑21'32			-4271 Nov 05 j 17:54	0°♐	
	-4273 Apr 12 j 13:02	0°♐			-4271 Nov 30 j 18:04	0°♑	
asc. node	-4273 Apr 14 j 22:48	2°♐57'00			-4271 Dec 25 j 10:53	0°♒	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4270 Jan 19 j 02:21	0°♊		evening max el	-4268 Jul 17 j 14:20	7°♌22'19	46°48'08
desc. node	-4270 Jan 19 j 16:30	0°♊43'06			-4268 Aug 13 j 00:29	0°♍	
	-4270 Feb 12 j 17:45	0°♋		greatest brilliancy	-4268 Aug 27 j 17:03	7°♍39'57	-4.9m
	-4270 Mar 09 j 08:36	0°♌		retrograde	-4268 Sep 05 j 16:48	9°♍10'44	
morning set	-4270 Mar 29 j 13:57	24°♌41'45		evening set	-4268 Sep 22 j 05:28	3°♍56'55	
	-4270 Apr 02 j 22:03	0°♍		inferior conj	-4268 Sep 26 j 07:26	1°♍30'42	-6°58'51
	-4270 Apr 27 j 09:23	0°♎		minimum elong	-4268 Sep 26 j 18:06	1°♍14'28	6°56'32
max. Earth dist.	-4270 May 01 j 20:10	5°♎28'01	1.73574 AU	min. Earth dist.	-4268 Sep 26 j 13:50	1°♍20'57	0.26491 AU
					-4268 Sep 28 j 19:26	30°♎	
superior conj	-4270 May 04 j 11:21	8°♎42'16	-0°18'36	morning rise	-4268 Oct 01 j 06:36	28°♎34'29	
minimum elong	-4270 May 04 j 14:54	8°♎53'12	0°18'25	direct	-4268 Oct 16 j 14:48	23°♎55'35	
asc. node	-4270 May 12 j 11:15	18°♎32'51		greatest brilliancy	-4268 Oct 27 j 01:43	26°♎00'16	-4.9m
	-4270 May 21 j 18:11	0°♏		asc. node	-4268 Oct 27 j 05:48	26°♎04'11	
evening rise	-4270 Jun 09 j 01:39	22°♏37'40			-4268 Nov 04 j 03:00	0°♐	
	-4270 Jun 15 j 00:31	0°♐		morning max el	-4268 Dec 06 j 02:57	27°♐09'57	46°41'57
	-4270 Jul 09 j 05:10	0°♑			-4268 Dec 08 j 21:35	0°♑	
	-4270 Aug 02 j 09:40	0°♒			-4267 Jan 05 j 12:52	0°♒	
	-4270 Aug 26 j 16:06	0°♓			-4267 Jan 31 j 16:33	0°♓	
desc. node	-4270 Sep 01 j 07:13	6°♓55'54		desc. node	-4267 Feb 16 j 04:27	18°♓07'31	
	-4270 Sep 20 j 02:52	0°♑			-4267 Feb 26 j 06:19	0°♋	
	-4270 Oct 14 j 21:36	0°♒			-4267 Mar 23 j 12:00	0°♌	
	-4270 Nov 09 j 08:27	0°♓			-4267 Apr 17 j 11:10	0°♍	
	-4270 Dec 06 j 10:54	0°♋			-4267 May 12 j 04:06	0°♎	
evening max el	-4270 Dec 11 j 20:23	5°♋33'01	46°30'38	morning set	-4267 Jun 04 j 06:59	28°♎21'50	
asc. node	-4270 Dec 23 j 02:33	16°♋23'57			-4267 Jun 05 j 14:49	0°♏	
	-4269 Jan 09 j 03:10	0°♌		asc. node	-4267 Jun 08 j 23:30	4°♏09'03	
greatest brilliancy	-4269 Jan 20 j 00:03	5°♌47'32	-4.8m		-4267 Jun 29 j 19:41	0°♐	
retrograde	-4269 Jan 30 j 22:49	8°♌01'02		max. Earth dist.	-4267 Jul 06 j 08:37	8°♐09'06	1.72134 AU
evening set	-4269 Feb 17 j 16:55	1°♌53'29					
	-4269 Feb 20 j 16:45	30°♒		superior conj	-4267 Jul 10 j 18:07	13°♐38'28	1°05'24
inferior conj	-4269 Feb 21 j 07:20	29°♋36'39	8°10'32	minimum elong	-4267 Jul 10 j 09:20	13°♐11'01	1°05'18
minimum elong	-4269 Feb 21 j 09:50	29°♋32'38	8°10'15		-4267 Jul 23 j 19:55	0°♑	
min. Earth dist.	-4269 Feb 21 j 03:36	29°♋42'37	0.29221 AU		-4267 Aug 16 j 17:35	0°♒	
morning rise	-4269 Feb 25 j 02:58	27°♋12'18		evening rise	-4267 Aug 17 j 06:11	0°♒39'34	
direct	-4269 Mar 14 j 21:17	21°♋13'08			-4267 Sep 09 j 15:08	0°♓	
greatest brilliancy	-4269 Mar 24 j 08:08	22°♋50'58	-4.7m	desc. node	-4267 Sep 28 j 19:37	24°♓01'01	
	-4269 Apr 07 j 08:25	0°♌			-4267 Oct 03 j 14:34	0°♑	
desc. node	-4269 Apr 14 j 01:07	4°♌47'03			-4267 Oct 27 j 17:21	0°♒	
morning max el	-4269 May 02 j 16:28	20°♌58'52	45°49'18		-4267 Nov 21 j 01:21	0°♓	
	-4269 May 11 j 20:58	0°♍			-4267 Dec 15 j 18:36	0°♋	
	-4269 Jun 08 j 22:04	0°♎			-4266 Jan 10 j 06:01	0°♌	
	-4269 Jul 05 j 00:19	0°♏		asc. node	-4266 Jan 19 j 14:15	10°♌37'41	
	-4269 Jul 30 j 01:13	0°♐			-4266 Feb 06 j 08:24	0°♍	
asc. node	-4269 Aug 04 j 21:31	7°♐08'11		evening max el	-4266 Feb 20 j 15:00	14°♍25'20	45°15'26
	-4269 Aug 23 j 10:00	0°♑			-4266 Mar 10 j 07:58	0°♎	
	-4269 Sep 16 j 09:09	0°♒		greatest brilliancy	-4266 Mar 30 j 07:19	11°♎53'45	-4.7m
	-4269 Oct 10 j 04:12	0°♓		retrograde	-4266 Apr 09 j 22:39	13°♎55'44	
morning set	-4269 Oct 31 j 00:32	26°♓17'01		evening set	-4266 Apr 25 j 07:54	9°♎25'27	
	-4269 Nov 02 j 23:24	0°♑		inferior conj	-4266 May 01 j 09:24	5°♎49'02	2°18'08
desc. node	-4269 Nov 24 j 18:18	27°♑20'48		minimum elong	-4266 May 01 j 14:14	5°♎41'31	2°16'48
	-4269 Nov 26 j 21:09	0°♒		min. Earth dist.	-4266 May 02 j 03:39	5°♎20'41	0.28957 AU
				morning rise	-4266 May 07 j 19:52	1°♎58'01	
superior conj	-4269 Dec 12 j 06:51	19°♒14'25	-0°39'09	desc. node	-4266 May 11 j 12:26	0°♎07'13	
minimum elong	-4269 Dec 11 j 21:29	18°♒45'14	0°38'54		-4266 May 11 j 18:58	30°♒	
max. Earth dist.	-4269 Dec 17 j 06:26	25°♒26'58	1.71924 AU	direct	-4266 May 23 j 03:50	27°♒27'46	
	-4269 Dec 20 j 22:08	0°♓		greatest brilliancy	-4266 Jun 03 j 06:27	29°♒39'23	-4.7m
	-4268 Jan 14 j 02:16	0°♋			-4266 Jun 04 j 03:40	0°♎	
evening rise	-4268 Jan 21 j 19:29	9°♋32'41		morning max el	-4266 Jul 11 j 14:34	28°♎06'23	46°13'38
	-4268 Feb 07 j 09:43	0°♌			-4266 Jul 13 j 12:50	0°♏	
	-4268 Mar 02 j 21:25	0°♍			-4266 Aug 10 j 15:13	0°♐	
asc. node	-4268 Mar 16 j 12:32	16°♍34'31		asc. node	-4266 Sep 01 j 09:25	25°♐16'52	
	-4268 Mar 27 j 14:52	0°♎			-4266 Sep 05 j 08:21	0°♑	
	-4268 Apr 21 j 15:57	0°♏			-4266 Sep 29 j 23:54	0°♒	
	-4268 May 17 j 03:49	0°♐			-4266 Oct 24 j 03:58	0°♓	
	-4268 Jun 12 j 09:35	0°♑			-4266 Nov 17 j 04:44	0°♑	
desc. node	-4268 Jul 06 j 09:13	26°♑01'01			-4266 Dec 11 j 06:39	0°♒	
	-4268 Jul 10 j 05:51	0°♒		desc. node	-4266 Dec 22 j 06:31	13°♒39'19	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4265 Jan 04 j 11:10	0°♊		minimum elong	-4263 Jul 11 j 04:10	14°♊45'14	6°57'34
morning set	-4265 Jan 15 j 20:44	14°♊05'33		min. Earth dist.	-4263 Jul 11 j 20:46	14°♊20'04	0.27722 AU
	-4265 Jan 28 j 18:05	0°♊		morning rise	-4263 Jul 15 j 19:30	11°♊59'07	
	-4265 Feb 22 j 02:43	0°♊		direct	-4263 Aug 01 j 19:28	6°♊33'48	
				greatest brilliancy	-4263 Aug 12 j 17:47	8°♊46'07	-4.9m
superior conj	-4265 Feb 23 j 17:49	2°♊00'11	-1°21'55		-4263 Sep 11 j 16:30	0°♊	
minimum elong	-4265 Feb 23 j 21:18	2°♊10'55	1°22'04	morning max el	-4263 Sep 21 j 08:56	9°♊28'34	46°47'40
max. Earth dist.	-4265 Feb 24 j 22:04	3°♊27'05	1.73428 AU	asc. node	-4263 Sep 28 j 20:42	17°♊16'55	
	-4265 Mar 18 j 12:42	0°♋			-4263 Oct 10 j 11:31	0°♋	
evening rise	-4265 Apr 01 j 15:24	17°♋18'48			-4263 Nov 05 j 08:30	0°♋	
	-4265 Apr 11 j 23:53	0°♋			-4263 Nov 30 j 07:11	0°♋	
asc. node	-4265 Apr 14 j 00:55	2°♋30'11			-4263 Dec 24 j 23:08	0°♌	
	-4265 May 06 j 12:19	0°♌		desc. node	-4262 Jan 18 j 18:42	0°♌14'18	
	-4265 May 31 j 02:24	0°♌			-4262 Jan 18 j 14:01	0°♌	
	-4265 Jun 24 j 19:19	0°♌			-4262 Feb 12 j 05:00	0°♌	
	-4265 Jul 19 j 17:40	0°♌			-4262 Mar 08 j 19:33	0°♌	
desc. node	-4265 Aug 03 j 21:07	17°♌59'40		morning set	-4262 Mar 27 j 08:22	22°♌38'28	
	-4265 Aug 14 j 02:29	0°♍			-4262 Apr 02 j 08:46	0°♍	
	-4265 Sep 09 j 08:55	0°♍			-4262 Apr 26 j 20:00	0°♍	
evening max el	-4265 Sep 29 j 11:18	21°♍29'42	47°36'17	max. Earth dist.	-4262 Apr 29 j 17:08	3°♍32'19	1.73595 AU
	-4265 Oct 08 j 01:54	0°♍					
greatest brilliancy	-4265 Nov 09 j 04:58	23°♍26'07	-4.9m	superior conj	-4262 May 02 j 06:35	6°♍41'10	-0°21'32
retrograde	-4265 Nov 19 j 15:49	25°♍33'04		minimum elong	-4262 May 02 j 10:40	6°♍53'43	0°21'19
asc. node	-4265 Nov 24 j 17:11	25°♍00'28		asc. node	-4262 May 11 j 13:18	18°♍06'24	
evening set	-4265 Dec 04 j 11:09	21°♍04'43			-4262 May 21 j 04:50	0°♎	
min. Earth dist.	-4265 Dec 09 j 10:22	18°♍05'24	0.27241 AU	evening rise	-4262 Jun 06 j 20:54	20°♎35'29	
inferior conj	-4265 Dec 10 j 11:19	17°♍26'12	3°48'03		-4262 Jun 14 j 11:20	0°♏	
minimum elong	-4265 Dec 10 j 03:52	17°♍37'55	3°45'51		-4262 Jul 08 j 16:15	0°♏	
morning rise	-4265 Dec 15 j 21:27	14°♍09'22			-4262 Aug 01 j 21:07	0°♏	
direct	-4265 Dec 30 j 23:36	9°♍35'32			-4262 Aug 26 j 04:02	0°♏	
greatest brilliancy	-4264 Jan 08 j 22:33	11°♍06'37	-4.8m	desc. node	-4262 Aug 31 j 09:21	6°♏25'23	
	-4264 Feb 06 j 22:55	0°♎			-4262 Sep 19 j 15:27	0°♎	
morning max el	-4264 Feb 18 j 04:43	10°♎21'40	46°05'24		-4262 Oct 14 j 11:08	0°♎	
	-4264 Mar 08 j 12:28	0°♎			-4262 Nov 08 j 23:47	0°♎	
desc. node	-4264 Mar 15 j 15:59	7°♎38'50			-4262 Dec 06 j 06:53	0°♎	
	-4264 Apr 04 j 20:48	0°♏		evening max el	-4262 Dec 09 j 11:30	3°♎15'56	46°33'47
	-4264 Apr 30 j 23:20	0°♏		asc. node	-4262 Dec 22 j 04:44	15°♎27'35	
	-4264 May 26 j 08:09	0°♏			-4261 Jan 10 j 07:45	0°♏	
	-4264 Jun 20 j 03:44	0°♏		greatest brilliancy	-4261 Jan 17 j 17:53	3°♏38'54	-4.8m
asc. node	-4264 Jul 06 j 11:42	20°♏03'20		retrograde	-4261 Jan 28 j 15:28	5°♏51'42	
	-4264 Jul 14 j 12:33	0°♏			-4261 Feb 14 j 23:42	30°♏3	
	-4264 Aug 07 j 13:11	0°♏		evening set	-4261 Feb 15 j 10:16	29°♏43'48	
morning set	-4264 Aug 12 j 23:47	6°♏50'10		inferior conj	-4261 Feb 19 j 00:16	27°♏27'27	8°13'14
	-4264 Aug 31 j 08:53	0°♏		minimum elong	-4261 Feb 19 j 02:05	27°♏24'32	8°13'01
				min. Earth dist.	-4261 Feb 18 j 19:29	27°♏35'08	0.29184 AU
superior conj	-4264 Sep 21 j 07:39	26°♏27'16	1°09'38	morning rise	-4261 Feb 22 j 18:07	25°♏05'34	
minimum elong	-4264 Sep 21 j 18:03	27°♏00'08	1°09'27	direct	-4261 Mar 12 j 13:21	19°♏04'39	
max. Earth dist.	-4264 Sep 22 j 19:07	28°♏19'14	1.70857 AU	greatest brilliancy	-4261 Mar 21 j 23:09	20°♏41'15	-4.7m
	-4264 Sep 24 j 03:02	0°♏			-4261 Apr 08 j 03:26	0°♏	
	-4264 Oct 17 j 22:20	0°♏		desc. node	-4261 Apr 13 j 03:11	3°♏44'16	
desc. node	-4264 Oct 26 j 08:00	10°♏33'32		morning max el	-4261 Apr 30 j 07:35	18°♏47'42	45°49'11
evening rise	-4264 Nov 02 j 14:14	19°♏40'02			-4261 May 11 j 15:53	0°♏	
	-4264 Nov 10 j 20:18	0°♏			-4261 Jun 08 j 12:33	0°♏	
	-4264 Dec 04 j 21:44	0°♏			-4261 Jul 04 j 13:03	0°♏	
	-4264 Dec 29 j 03:37	0°♏			-4261 Jul 29 j 13:07	0°♏	
	-4263 Jan 22 j 16:14	0°♏		asc. node	-4261 Aug 03 j 23:47	6°♏39'05	
asc. node	-4263 Feb 16 j 02:24	29°♏20'23			-4261 Aug 22 j 21:29	0°♏	
	-4263 Feb 16 j 15:45	0°♏			-4261 Sep 15 j 20:26	0°♏	
	-4263 Mar 14 j 09:09	0°♏			-4261 Oct 09 j 15:24	0°♏	
	-4263 Apr 10 j 10:26	0°♏		morning set	-4261 Oct 28 j 10:15	23°♏41'22	
evening max el	-4263 May 02 j 20:23	22°♏45'35	45°21'58		-4261 Nov 02 j 10:34	0°♏	
	-4263 May 10 j 17:25	0°♏		desc. node	-4261 Nov 23 j 20:22	26°♏52'31	
desc. node	-4263 Jun 07 j 23:50	19°♏32'24			-4261 Nov 26 j 08:15	0°♏	
greatest brilliancy	-4263 Jun 10 j 11:59	20°♏29'17	-4.8m				
retrograde	-4263 Jun 20 j 12:57	22°♏16'46		superior conj	-4261 Dec 09 j 16:41	16°♏41'01	-0°35'41
evening set	-4263 Jul 06 j 12:31	17°♏29'03		minimum elong	-4261 Dec 09 j 07:56	16°♏13'43	0°35'26
inferior conj	-4263 Jul 11 j 14:20	14°♏29'49	-6°59'37	max. Earth dist.	-4261 Dec 14 j 17:14	22°♏56'46	1.71860 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4261 Dec 20 j 09:09	0°♊		greatest brilliancy	-4258 May 31 j 22:21	27°♊29'41	-4.7m
	-4260 Jan 13 j 13:13	0°♋			-4258 Jun 06 j 11:51	0°♌	
evening rise	-4260 Jan 19 j 08:49	7°♋11'42		morning max el	-4258 Jul 09 j 07:36	25°♌56'56	46°12'22
	-4260 Feb 06 j 20:41	0°♌			-4258 Jul 13 j 09:57	0°♍	
	-4260 Mar 02 j 08:33	0°♎			-4258 Aug 10 j 06:43	0°♐	
asc. node	-4260 Mar 15 j 14:37	16°♎06'34		asc. node	-4258 Aug 31 j 11:24	24°♐42'00	
	-4260 Mar 27 j 02:22	0°♏			-4258 Sep 04 j 21:48	0°♑	
	-4260 Apr 21 j 04:09	0°♐			-4258 Sep 29 j 12:24	0°♒	
	-4260 May 16 j 17:14	0°♑			-4258 Oct 23 j 15:56	0°♓	
	-4260 Jun 12 j 01:19	0°♒			-4258 Nov 16 j 16:23	0°♐	
desc. node	-4260 Jul 05 j 11:29	25°♒14'48			-4258 Dec 10 j 18:03	0°♑	
	-4260 Jul 10 j 03:13	0°♓		desc. node	-4258 Dec 21 j 08:43	13°♑11'00	
evening max el	-4260 Jul 15 j 02:02	4°♓55'20	46°45'01		-4257 Jan 03 j 22:23	0°♒	
	-4260 Aug 14 j 08:04	0°♔		morning set	-4257 Jan 13 j 09:18	11°♒41'37	
greatest brilliancy	-4260 Aug 25 j 05:45	5°♔11'41	-4.9m		-4257 Jan 28 j 05:08	0°♓	
retrograde	-4260 Sep 03 j 04:12	6°♔41'45					
evening set	-4260 Sep 19 j 20:53	1°♔22'56		superior conj	-4257 Feb 21 j 10:02	29°♓48'46	-1°22'30
	-4260 Sep 22 j 05:08	30°♒♓		minimum elong	-4257 Feb 21 j 12:51	29°♓57'28	1°22'39
inferior conj	-4260 Sep 23 j 19:33	29°♓01'51	-7°13'41		-4257 Feb 21 j 13:41	0°♐	
minimum elong	-4260 Sep 24 j 06:02	28°♓45'56	7°11'32	max. Earth dist.	-4257 Feb 22 j 17:32	1°♐25'40	1.73396 AU
min. Earth dist.	-4260 Sep 24 j 02:56	28°♓50'38	0.26522 AU		-4257 Mar 17 j 23:37	0°♑	
morning rise	-4260 Sep 28 j 14:59	26°♓10'59		evening rise	-4257 Mar 30 j 09:40	15°♑14'09	
direct	-4260 Oct 14 j 02:51	21°♓25'59			-4257 Apr 11 j 10:52	0°♒	
greatest brilliancy	-4260 Oct 24 j 15:50	23°♓32'32	-4.9m	asc. node	-4257 Apr 13 j 02:57	2°♒02'41	
asc. node	-4260 Oct 26 j 07:55	24°♓13'27			-4257 May 05 j 23:32	0°♓	
	-4260 Nov 05 j 12:40	0°♔			-4257 May 30 j 14:02	0°♑	
morning max el	-4260 Dec 03 j 16:13	24°♔43'26	46°42'58		-4257 Jun 24 j 07:37	0°♒	
	-4260 Dec 08 j 19:19	0°♑			-4257 Jul 19 j 06:57	0°♓	
	-4259 Jan 05 j 04:59	0°♒		desc. node	-4257 Aug 02 j 23:14	17°♓24'22	
	-4259 Jan 31 j 06:20	0°♓			-4257 Aug 13 j 17:20	0°♔	
desc. node	-4259 Feb 15 j 06:34	17°♓35'41			-4257 Sep 09 j 02:52	0°♑	
	-4259 Feb 25 j 18:49	0°♓		evening max el	-4257 Sep 27 j 03:31	19°♑11'03	47°36'43
	-4259 Mar 22 j 23:43	0°♐			-4257 Oct 08 j 05:17	0°♒	
	-4259 Apr 16 j 22:24	0°♑		greatest brilliancy	-4257 Nov 06 j 20:01	21°♒02'30	-4.9m
	-4259 May 11 j 15:04	0°♒		retrograde	-4257 Nov 17 j 07:02	23°♒09'03	
morning set	-4259 Jun 02 j 01:22	26°♒17'06		asc. node	-4257 Nov 23 j 19:19	22°♒14'58	
	-4259 Jun 05 j 01:40	0°♓		evening set	-4257 Dec 02 j 00:06	18°♒43'15	
asc. node	-4259 Jun 08 j 01:39	3°♓42'13		min. Earth dist.	-4257 Dec 07 j 00:37	15°♒42'07	0.27170 AU
	-4259 Jun 29 j 06:31	0°♑		inferior conj	-4257 Dec 08 j 01:25	15°♒03'12	3°28'12
max. Earth dist.	-4259 Jul 04 j 02:47	6°♑02'13	1.72194 AU	minimum elong	-4257 Dec 07 j 18:28	15°♒14'06	3°26'05
				morning rise	-4257 Dec 13 j 13:48	11°♒43'41	
superior conj	-4259 Jul 08 j 11:11	11°♑27'56	1°03'18	direct	-4257 Dec 28 j 13:35	7°♒13'54	
minimum elong	-4259 Jul 08 j 02:19	11°♑00'15	1°03'12	greatest brilliancy	-4256 Jan 06 j 12:13	8°♒45'07	-4.8m
	-4259 Jul 23 j 06:49	0°♒			-4256 Feb 07 j 03:32	0°♓	
evening rise	-4259 Aug 14 j 20:07	28°♒17'56		morning max el	-4256 Feb 15 j 19:52	8°♓06'34	46°06'24
	-4259 Aug 16 j 04:38	0°♓			-4256 Mar 08 j 06:03	0°♓	
	-4259 Sep 09 j 02:22	0°♔		desc. node	-4256 Mar 14 j 18:01	6°♓59'46	
desc. node	-4259 Sep 27 j 21:38	23°♔31'43			-4256 Apr 04 j 11:05	0°♐	
	-4259 Oct 03 j 02:02	0°♑			-4256 Apr 30 j 12:05	0°♑	
	-4259 Oct 27 j 05:06	0°♒			-4256 May 25 j 20:05	0°♓	
	-4259 Nov 20 j 13:31	0°♓			-4256 Jun 19 j 15:11	0°♓	
	-4259 Dec 15 j 07:29	0°♓		asc. node	-4256 Jul 05 j 13:53	19°♓35'10	
	-4258 Jan 09 j 20:22	0°♐			-4256 Jul 13 j 23:47	0°♑	
asc. node	-4258 Jan 18 j 16:28	10°♐01'17			-4256 Aug 07 j 00:21	0°♒	
	-4258 Feb 06 j 02:31	0°♑		morning set	-4256 Aug 10 j 13:46	4°♒28'11	
evening max el	-4258 Feb 18 j 06:49	12°♑14'46	45°17'04		-4256 Aug 30 j 20:05	0°♓	
	-4258 Mar 10 j 20:03	0°♒					
greatest brilliancy	-4258 Mar 27 j 22:32	9°♒44'53	-4.7m	superior conj	-4256 Sep 18 j 18:33	23°♓54'41	1°11'42
retrograde	-4258 Apr 07 j 15:27	11°♒48'10		minimum elong	-4256 Sep 19 j 04:28	24°♓26'00	1°11'35
evening set	-4258 Apr 23 j 02:01	7°♒14'48		max. Earth dist.	-4256 Sep 19 j 21:47	25°♓20'40	1.70862 AU
inferior conj	-4258 Apr 29 j 01:47	3°♒40'26	2°36'28		-4256 Sep 23 j 14:18	0°♔	
minimum elong	-4258 Apr 29 j 07:12	3°♒32'01	2°35'00		-4256 Oct 17 j 09:38	0°♑	
min. Earth dist.	-4258 Apr 29 j 19:49	3°♒12'23	0.28995 AU	desc. node	-4256 Oct 25 j 10:06	10°♑04'34	
morning rise	-4258 May 05 j 11:46	29°♑50'11		evening rise	-4256 Oct 30 j 22:44	17°♑00'39	
	-4258 May 05 j 04:40	30°♒♑			-4256 Nov 10 j 07:39	0°♒	
desc. node	-4258 May 10 j 14:30	27°♑23'07			-4256 Dec 04 j 09:09	0°♓	
direct	-4258 May 20 j 20:44	25°♑18'30			-4256 Dec 28 j 15:12	0°♓	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4255 Jan 22 j 04:08	0°♊		asc. node	-4253 Aug 03 j 01:48	6°♊08'05	
asc. node	-4255 Feb 15 j 04:23	28°♊49'04			-4253 Aug 22 j 09:19	0°♊	
	-4255 Feb 16 j 04:21	0°♊			-4253 Sep 15 j 08:02	0°♊	
	-4255 Mar 13 j 23:11	0°♊			-4253 Oct 09 j 02:53	0°♊	
	-4255 Apr 10 j 03:47	0°♊		morning set	-4253 Oct 25 j 19:59	21°♊04'46	
evening max el	-4255 Apr 30 j 11:01	20°♊30'18	45°20'07		-4253 Nov 01 j 21:59	0°♊	
	-4255 May 10 j 22:07	0°♊		desc. node	-4253 Nov 22 j 22:30	26°♊23'36	
desc. node	-4255 Jun 07 j 02:06	17°♊50'08			-4253 Nov 25 j 19:38	0°♊	
greatest brilliancy	-4255 Jun 08 j 01:02	18°♊10'36	-4.7m				
retrograde	-4255 Jun 18 j 01:46	19°♊58'03		superior conj	-4253 Dec 07 j 02:22	14°♊06'09	-0°32'07
evening set	-4255 Jul 03 j 22:52	15°♊15'09		minimum elong	-4253 Dec 06 j 18:18	13°♊40'57	0°31'52
inferior conj	-4255 Jul 09 j 04:14	12°♊10'51	-6°45'28	max. Earth dist.	-4253 Dec 12 j 01:31	20°♊17'45	1.71801 AU
minimum elong	-4255 Jul 08 j 17:55	12°♊26'31	6°43'17		-4253 Dec 19 j 20:28	0°♊	
min. Earth dist.	-4255 Jul 09 j 11:03	12°♊00'30	0.27764 AU		-4252 Jan 13 j 00:29	0°♊	
morning rise	-4255 Jul 13 j 12:35	9°♊35'14		evening rise	-4252 Jan 16 j 22:02	4°♊39'20	
direct	-4255 Jul 30 j 09:51	4°♊14'02			-4252 Feb 06 j 07:58	0°♊	
greatest brilliancy	-4255 Aug 10 j 08:52	6°♊26'20	-4.9m		-4252 Mar 01 j 19:59	0°♊	
	-4255 Sep 11 j 19:09	0°♊		asc. node	-4252 Mar 14 j 16:43	15°♊37'50	
morning max el	-4255 Sep 18 j 21:29	7°♊00'47	46°46'50		-4252 Mar 26 j 14:11	0°♊	
asc. node	-4255 Sep 27 j 22:51	16°♊29'07			-4252 Apr 20 j 16:42	0°♊	
	-4255 Oct 10 j 05:05	0°♊			-4252 May 16 j 07:05	0°♊	
	-4255 Nov 04 j 23:12	0°♊			-4252 Jun 11 j 17:43	0°♊	
	-4255 Nov 29 j 20:30	0°♊		desc. node	-4252 Jul 04 j 13:33	24°♊26'00	
	-4255 Dec 24 j 11:37	0°♊			-4252 Jul 10 j 01:57	0°♊	
desc. node	-4254 Jan 17 j 20:49	29°♊44'23		evening max el	-4252 Jul 12 j 14:06	2°♊28'12	46°41'50
	-4254 Jan 18 j 01:56	0°♊			-4252 Aug 16 j 07:29	0°♊	
	-4254 Feb 11 j 16:31	0°♊		greatest brilliancy	-4252 Aug 22 j 17:38	2°♊41'04	-4.9m
	-4254 Mar 08 j 06:46	0°♊		retrograde	-4252 Aug 31 j 16:01	4°♊11'12	
morning set	-4254 Mar 25 j 02:39	20°♊33'48			-4252 Sep 15 j 07:37	30°♊00	
	-4254 Apr 01 j 19:48	0°♊		evening set	-4252 Sep 17 j 12:03	28°♊47'16	
	-4254 Apr 26 j 06:58	0°♊		inferior conj	-4252 Sep 21 j 07:25	26°♊31'16	-7°27'44
max. Earth dist.	-4254 Apr 27 j 12:49	1°♊31'38	1.73620 AU	minimum elong	-4252 Sep 21 j 17:38	26°♊15'49	7°25'47
				min. Earth dist.	-4252 Sep 21 j 15:25	26°♊19'10	0.26552 AU
superior conj	-4254 Apr 30 j 01:42	4°♊38'40	-0°24'26	morning rise	-4252 Sep 25 j 23:00	23°♊46'12	
minimum elong	-4254 Apr 30 j 06:18	4°♊52'47	0°24'13	direct	-4252 Oct 11 j 15:09	18°♊54'48	
asc. node	-4254 May 10 j 15:28	17°♊39'11		greatest brilliancy	-4252 Oct 22 j 05:16	21°♊02'49	-4.9m
	-4254 May 20 j 15:52	0°♊		asc. node	-4252 Oct 25 j 10:08	22°♊25'55	
evening rise	-4254 Jun 04 j 16:00	18°♊31'43			-4252 Nov 06 j 13:22	0°♊	
	-4254 Jun 13 j 22:32	0°♊		morning max el	-4252 Dec 01 j 06:06	22°♊17'36	46°43'59
	-4254 Jul 08 j 03:42	0°♊			-4252 Dec 08 j 16:34	0°♊	
	-4254 Aug 01 j 08:55	0°♊			-4251 Jan 04 j 21:06	0°♊	
	-4254 Aug 25 j 16:18	0°♊		desc. node	-4251 Jan 30 j 20:14	0°♊	
desc. node	-4254 Aug 30 j 11:21	5°♊53'26			-4251 Feb 14 j 08:32	17°♊02'50	
	-4254 Sep 19 j 04:23	0°♊			-4251 Feb 25 j 07:30	0°♊	
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	-4254 Nov 08 j 15:42	0°♊			-4251 Apr 16 j 09:51	0°♊	
	-4254 Dec 06 j 03:55	0°♊			-4251 May 11 j 02:14	0°♊	
evening max el	-4254 Dec 07 j 01:58	0°♊56'02	46°36'58	morning set	-4251 May 30 j 19:57	24°♊12'31	
asc. node	-4254 Dec 21 j 06:59	14°♊29'11			-4251 Jun 04 j 12:42	0°♊	
	-4253 Jan 12 j 02:26	0°♊		asc. node	-4251 Jun 07 j 03:49	3°♊14'49	
greatest brilliancy	-4253 Jan 15 j 11:32	1°♊28'53	-4.8m		-4251 Jun 28 j 17:34	0°♊	
retrograde	-4253 Jan 26 j 08:08	3°♊41'30		max. Earth dist.	-4251 Jul 01 j 20:50	3°♊54'21	1.72258 AU
	-4253 Feb 08 j 21:13	30°♊00					
evening set	-4253 Feb 13 j 03:19	27°♊33'28		superior conj	-4251 Jul 06 j 04:19	9°♊17'00	1°01'07
inferior conj	-4253 Feb 16 j 17:13	25°♊17'20	8°15'14	minimum elong	-4251 Jul 05 j 19:27	8°♊49'20	1°01'00
minimum elong	-4253 Feb 16 j 18:19	25°♊15'33	8°15'02		-4251 Jul 22 j 17:58	0°♊	
min. Earth dist.	-4253 Feb 16 j 11:29	25°♊26'32	0.29146 AU	evening rise	-4251 Aug 12 j 10:01	25°♊55'25	
morning rise	-4253 Feb 20 j 09:31	22°♊57'41			-4251 Aug 15 j 15:57	0°♊	
direct	-4253 Mar 10 j 05:05	16°♊55'06			-4251 Sep 08 j 13:54	0°♊	
greatest brilliancy	-4253 Mar 19 j 14:37	18°♊31'13	-4.7m	desc. node	-4251 Sep 26 j 23:45	23°♊01'49	
	-4253 Apr 08 j 18:01	0°♊			-4251 Oct 02 j 13:47	0°♊	
desc. node	-4253 Apr 12 j 05:20	2°♊42'22			-4251 Oct 26 j 17:07	0°♊	
morning max el	-4253 Apr 27 j 22:45	16°♊35'44	45°49'03		-4251 Nov 20 j 01:55	0°♊	
	-4253 May 11 j 10:39	0°♊			-4251 Dec 14 j 20:37	0°♊	
	-4253 Jun 08 j 03:15	0°♊			-4250 Jan 09 j 11:04	0°♊	
	-4253 Jul 04 j 02:07	0°♊		asc. node	-4250 Jan 17 j 18:29	9°♊23'25	
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


































































































































Planetary Phenomena of Venus from -4400 through -3898 (UT), Astrodienst AG 18-Feb-2025 14:22, page 31

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4250 Feb 15 j 23:14	10° X 05'06	45°18'43			-4248 Aug 30 j 07:09	0° Ω	
	-4250 Mar 11 j 12:34	0° Υ						
greatest brilliancy	-4250 Mar 25 j 14:16	7° Υ 36'18	-4.7m	superior conj		-4248 Sep 16 j 05:58	21° Ω 24'13	1°13'37
retrograde	-4250 Apr 05 j 08:16	9° Υ 40'13		minimum elong		-4248 Sep 16 j 15:20	21° Ω 53'48	1°13'32
evening set	-4250 Apr 20 j 20:21	5° Υ 04'00		max. Earth dist.		-4248 Sep 16 j 22:56	22° Ω 17'45	1.70873 AU
inferior conj	-4250 Apr 26 j 18:13	1° Υ 31'38	2°54'31			-4248 Sep 23 j 01:25	0° M	
minimum elong	-4250 Apr 27 j 00:10	1° Υ 22'22	2°52'56			-4248 Oct 16 j 20:50	0° Ω	
min. Earth dist.	-4250 Apr 27 j 11:52	1° Υ 04'10	0.29029 AU	desc. node		-4248 Oct 24 j 12:17	9° Ω 36'09	
	-4250 Apr 29 j 05:24	30° K		evening rise		-4248 Oct 28 j 07:12	14° Ω 21'23	
morning rise	-4250 May 03 j 03:32	27° K 42'15				-4248 Nov 09 j 18:56	0° M	
desc. node	-4250 May 09 j 16:42	24° K 42'51				-4248 Dec 03 j 20:32	0° X	
direct	-4250 May 18 j 13:56	23° K 09'17				-4248 Dec 28 j 02:44	0° Ξ	
greatest brilliancy	-4250 May 29 j 13:39	25° K 19'08	-4.7m			-4247 Jan 21 j 15:59	0° \approx	
	-4250 Jun 08 j 00:10	0° Υ		asc. node		-4247 Feb 14 j 06:34	28° \approx 18'29	
morning max el	-4250 Jul 07 j 00:14	23° Υ 46'28	46°11'02			-4247 Feb 15 j 16:53	0° K	
	-4250 Jul 13 j 06:27	0° X				-4247 Mar 13 j 13:12	0° Υ	
	-4250 Aug 09 j 22:06	0° Π				-4247 Apr 09 j 21:20	0° X	
asc. node	-4250 Aug 30 j 13:34	24° Π 07'27		evening max el		-4247 Apr 28 j 00:49	18° X 13'44	45°18'22
	-4250 Sep 04 j 11:19	0° Ξ				-4247 May 11 j 04:35	0° Π	
	-4250 Sep 29 j 01:02	0° Ω		greatest brilliancy		-4247 Jun 05 j 14:14	15° Π 52'56	-4.7m
	-4250 Oct 23 j 04:05	0° M		desc. node		-4247 Jun 06 j 04:12	16° Π 04'38	
	-4250 Nov 16 j 04:12	0° Ω		retrograde		-4247 Jun 15 j 14:51	17° Π 40'39	
	-4250 Dec 10 j 05:35	0° M		evening set		-4247 Jul 01 j 09:26	13° Π 01'59	
desc. node	-4250 Dec 20 j 10:48	12° M 41'58		inferior conj		-4247 Jul 06 j 18:16	9° Π 53'04	-6°30'44
	-4249 Jan 03 j 09:41	0° X		minimum elong		-4247 Jul 06 j 07:52	10° Π 08'52	6°28'25
morning set	-4249 Jan 10 j 21:33	9° X 16'22		min. Earth dist.		-4247 Jul 07 j 01:40	9° Π 41'50	0.27806 AU
	-4249 Jan 27 j 16:15	0° Ξ		morning rise		-4247 Jul 11 j 05:49	7° Π 12'40	
				direct		-4247 Jul 27 j 23:56	1° Π 55'15	
superior conj	-4249 Feb 19 j 02:02	27° Ξ 36'25	-1°22'57	greatest brilliancy		-4247 Aug 08 j 00:30	4° Π 08'21	-4.9m
minimum elong	-4249 Feb 19 j 04:09	27° Ξ 42'56	1°23'07			-4247 Sep 11 j 20:04	0° Ξ	
max. Earth dist.	-4249 Feb 20 j 14:49	29° Ξ 29'38	1.73361 AU	morning max el		-4247 Sep 16 j 10:10	4° Ξ 34'25	46°46'11
	-4249 Feb 21 j 00:42	0° \approx		asc. node		-4247 Sep 27 j 01:04	15° Ξ 43'09	
	-4249 Mar 17 j 10:37	0° K				-4247 Oct 09 j 21:58	0° Ω	
evening rise	-4249 Mar 28 j 03:55	13° K 09'14				-4247 Nov 04 j 13:26	0° M	
	-4249 Apr 10 j 21:57	0° Υ				-4247 Nov 29 j 09:28	0° Ω	
asc. node	-4249 Apr 12 j 05:09	1° Υ 35'31				-4247 Dec 23 j 23:51	0° M	
	-4249 May 05 j 10:49	0° X		desc. node		-4246 Jan 16 j 22:48	29° M 14'43	
	-4249 May 30 j 01:44	0° Π				-4246 Jan 17 j 13:39	0° X	
	-4249 Jun 23 j 19:57	0° Ξ				-4246 Feb 11 j 03:50	0° Ξ	
	-4249 Jul 18 j 20:18	0° Ω				-4246 Mar 07 j 17:45	0° \approx	
desc. node	-4249 Aug 02 j 01:15	16° Ω 48'40		morning set		-4246 Mar 22 j 20:35	18° \approx 28'42	
	-4249 Aug 13 j 08:22	0° M				-4246 Apr 01 j 06:35	0° K	
	-4249 Sep 08 j 21:17	0° Ω		max. Earth dist.		-4246 Apr 25 j 09:24	29° K 34'34	1.73643 AU
evening max el	-4249 Sep 24 j 19:30	16° Ω 51'23	47°36'43			-4246 Apr 25 j 17:41	0° Υ	
	-4249 Oct 08 j 10:39	0° M						
greatest brilliancy	-4249 Nov 04 j 11:18	18° M 38'05	-4.9m	superior conj		-4246 Apr 27 j 20:42	2° Υ 36'42	-0°27'19
retrograde	-4249 Nov 14 j 21:36	20° M 43'24		minimum elong		-4246 Apr 28 j 01:47	2° Υ 52'19	0°27'05
asc. node	-4249 Nov 22 j 21:33	19° M 22'13		asc. node		-4246 May 09 j 17:36	17° Υ 12'40	
evening set	-4249 Nov 29 j 12:58	16° M 20'18				-4246 May 20 j 02:39	0° X	
min. Earth dist.	-4249 Dec 04 j 14:56	13° M 17'01	0.27097 AU	evening rise		-4246 Jun 02 j 11:13	16° X 29'16	
inferior conj	-4249 Dec 05 j 15:14	12° M 38'54	3°07'35			-4246 Jun 13 j 09:29	0° Π	
minimum elong	-4249 Dec 05 j 08:52	12° M 48'53	3°05'36			-4246 Jul 07 j 14:54	0° Ξ	
morning rise	-4249 Dec 11 j 05:47	9° M 16'36				-4246 Jul 31 j 20:28	0° Ω	
direct	-4249 Dec 26 j 03:14	4° M 51'07				-4246 Aug 25 j 04:19	0° M	
greatest brilliancy	-4248 Jan 04 j 01:56	6° M 22'33	-4.8m	desc. node		-4246 Aug 29 j 13:33	5° M 23'02	
	-4248 Feb 07 j 06:34	0° X				-4246 Sep 18 j 17:03	0° Ω	
morning max el	-4248 Feb 13 j 09:53	5° X 48'19	46°07'31			-4246 Oct 13 j 14:48	0° M	
	-4248 Mar 07 j 23:15	0° Ξ				-4246 Nov 08 j 07:25	0° X	
desc. node	-4248 Mar 13 j 20:16	6° Ξ 21'44		evening max el		-4246 Dec 04 j 16:25	28° X 37'08	46°40'02
	-4248 Apr 04 j 01:09	0° \approx				-4246 Dec 06 j 01:15	0° Ξ	
	-4248 Apr 30 j 00:41	0° K		asc. node		-4246 Dec 20 j 08:59	13° Ξ 29'50	
	-4248 May 25 j 07:52	0° Υ		greatest brilliancy		-4245 Jan 13 j 04:35	29° Ξ 18'43	-4.8m
	-4248 Jun 19 j 02:32	0° X				-4245 Jan 15 j 02:22	0° \approx	
asc. node	-4248 Jul 04 j 15:55	19° X 06'50		retrograde		-4245 Jan 24 j 01:05	1° \approx 31'59	
	-4248 Jul 13 j 10:54	0° Π				-4245 Feb 01 j 16:16	30° K	
	-4248 Aug 06 j 11:24	0° Ξ		evening set		-4245 Feb 10 j 20:02	25° Ξ 23'55	
morning set	-4248 Aug 08 j 04:15	2° Ξ 08'12		inferior conj		-4245 Feb 14 j 10:07	23° Ξ 07'41	8°16'30

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4245 Feb 14 j 10:32	23°  07'01	8°16'19			-4243 Jul 22 j 04:47	0° 	
min. Earth dist.	-4245 Feb 14 j 03:17	23°  18'38	0.29110 AU	evening rise		-4243 Aug 10 j 00:10	23°  34'46	
morning rise	-4245 Feb 18 j 01:12	20°  50'01				-4243 Aug 15 j 02:58	0° 	
direct	-4245 Mar 07 j 20:46	14°  34'57				-4243 Sep 08 j 01:09	0° 	
greatest brilliancy	-4245 Mar 17 j 06:10	16°  21'56	-4.7m	desc. node		-4243 Sep 26 j 01:55	22°  32'57	
	-4245 Apr 09 j 04:35	0° 				-4243 Oct 02 j 01:16	0° 	
desc. node	-4245 Apr 11 j 07:30	1°  42'40				-4243 Oct 26 j 04:52	0° 	
morning max el	-4245 Apr 25 j 14:37	14°  26'13	45°49'02			-4243 Nov 19 j 14:04	0° 	
	-4245 May 11 j 04:38	0° 				-4243 Dec 14 j 09:31	0° 	
	-4245 Jun 07 j 17:27	0° 				-4242 Jan 09 j 01:33	0° 	
	-4245 Jul 03 j 14:45	0° 		asc. node		-4242 Jan 16 j 20:41	8°  46'53	
	-4245 Jul 28 j 13:15	0° 				-4242 Feb 05 j 16:07	0° 	
asc. node	-4245 Aug 02 j 03:55	5°  38'31		evening max el		-4242 Feb 13 j 15:44	7°  56'40	45°20'22
	-4245 Aug 21 j 20:48	0° 				-4242 Mar 12 j 10:08	0° 	
	-4245 Sep 14 j 19:17	0° 		greatest brilliancy		-4242 Mar 23 j 06:43	5°  29'50	-4.7m
	-4245 Oct 08 j 14:01	0° 		retrograde		-4242 Apr 03 j 00:49	7°  33'34	
morning set	-4245 Oct 23 j 06:13	18°  30'47		evening set		-4242 Apr 18 j 14:57	2°  54'35	
	-4245 Nov 01 j 09:02	0° 				-4242 Apr 23 j 11:56	30°  38'48	
desc. node	-4245 Nov 22 j 00:35	25°  55'40		inferior conj		-4242 Apr 24 j 10:51	29°  34'17	3°12'17
	-4245 Nov 25 j 06:37	0° 		minimum elong		-4242 Apr 24 j 17:17	29°  34'13	3°10'34
				min. Earth dist.		-4242 Apr 25 j 04:12	28°  57'12	0.29063 AU
superior conj	-4245 Dec 04 j 12:18	11°  33'10	-0°28'29	morning rise		-4242 Apr 30 j 19:16	25°  35'46	
minimum elong	-4245 Dec 04 j 04:58	11°  10'16	0°28'17	desc. node		-4242 May 08 j 18:48	22°  38'22	
max. Earth dist.	-4245 Dec 09 j 10:10	17°  41'01	1.71743 AU	direct		-4242 May 16 j 07:19	21°  38'01'34	
	-4245 Dec 19 j 07:23	0° 		greatest brilliancy		-4242 May 27 j 05:02	23°  38'09'42	-4.7m
	-4244 Jan 12 j 11:21	0° 				-4242 Jun 09 j 01:20	0° 	
evening rise	-4244 Jan 14 j 11:25	2°  28'39		morning max el		-4242 Jul 04 j 16:13	21°  35'14	46°09'41
	-4244 Feb 05 j 18:53	0° 				-4242 Jul 13 j 02:02	0° 	
	-4244 Mar 01 j 07:06	0° 				-4242 Aug 09 j 13:02	0° 	
asc. node	-4244 Mar 13 j 18:55	15°  38'10'20		asc. node		-4242 Aug 29 j 15:50	23°  34'07	
	-4244 Mar 26 j 01:43	0° 				-4242 Sep 04 j 00:28	0° 	
	-4244 Apr 20 j 04:58	0° 				-4242 Sep 28 j 13:21	0° 	
	-4244 May 15 j 20:42	0° 				-4242 Oct 22 j 15:56	0° 	
	-4244 Jun 11 j 10:00	0° 				-4242 Nov 15 j 15:45	0° 	
desc. node	-4244 Jul 03 j 15:36	23°  37'31				-4242 Dec 09 j 16:54	0° 	
evening max el	-4244 Jul 10 j 03:05	0° 	46°38'40	desc. node		-4242 Dec 19 j 12:49	12°  38'13'20	
	-4244 Jul 10 j 01:09	0° 				-4241 Jan 02 j 20:46	0° 	
	-4244 Aug 19 j 15:18	0° 		morning set		-4241 Jan 08 j 09:46	6°  51'35	
greatest brilliancy	-4244 Aug 20 j 04:52	0° 	-4.9m			-4241 Jan 27 j 03:10	0° 	
retrograde	-4244 Aug 29 j 04:17	1° 						
	-4244 Sep 07 j 08:18	30° 		superior conj		-4241 Feb 16 j 18:06	25°  34'54	-1°23'15
evening set	-4244 Sep 15 j 03:16	26° 		minimum elong		-4241 Feb 16 j 19:28	25°  39'09	1°23'26
inferior conj	-4244 Sep 18 j 19:20	24° 	-7°40'56	max. Earth dist.		-4241 Feb 18 j 12:54	27°  36'39	1.73319 AU
minimum elong	-4244 Sep 19 j 05:12	23° 	7°39'09			-4241 Feb 20 j 11:29	0° 	
min. Earth dist.	-4244 Sep 19 j 03:32	23° 	0.26584 AU			-4241 Mar 16 j 21:22	0° 	
morning rise	-4244 Sep 23 j 06:58	21° 		evening rise		-4241 Mar 25 j 22:16	11°  38'05'21	
direct	-4244 Oct 09 j 04:05	16° 				-4241 Apr 10 j 08:47	0° 	
greatest brilliancy	-4244 Oct 19 j 18:10	18° 	-4.9m	asc. node		-4241 Apr 11 j 07:16	1°  38'08'49	
asc. node	-4244 Oct 24 j 12:15	20° 				-4241 May 04 j 21:55	0° 	
	-4244 Nov 07 j 07:07	0° 				-4241 May 29 j 13:17	0° 	
morning max el	-4244 Nov 28 j 20:28	19° 	46°45'04			-4241 Jun 23 j 08:13	0° 	
	-4244 Dec 08 j 12:42	0° 				-4241 Jul 18 j 09:37	0° 	
	-4243 Jan 04 j 12:31	0° 		desc. node		-4241 Aug 01 j 03:28	16°  38'13'43	
	-4243 Jan 30 j 09:35	0° 				-4241 Aug 12 j 23:26	0° 	
desc. node	-4243 Feb 13 j 10:48	16° 				-4241 Sep 08 j 15:58	0° 	
	-4243 Feb 24 j 19:42	0° 		evening max el		-4241 Sep 22 j 10:25	14°  38'29'25	47°36'36
	-4243 Mar 21 j 23:09	0° 				-4241 Oct 08 j 17:55	0° 	
	-4243 Apr 15 j 20:57	0° 		greatest brilliancy		-4241 Nov 02 j 03:04	16°  38'14'32	-4.9m
	-4243 May 10 j 13:05	0° 		retrograde		-4241 Nov 12 j 11:35	18°  38'17'52	
morning set	-4243 May 28 j 14:39	22° 		asc. node		-4241 Nov 21 j 23:37	16°  38'24'18	
	-4243 Jun 03 j 23:27	0° 		evening set		-4241 Nov 27 j 02:00	13°  38'57'13	
asc. node	-4243 Jun 06 j 05:52	2° 		min. Earth dist.		-4241 Dec 02 j 05:37	10°  38'51'33	0.27029 AU
	-4243 Jun 28 j 04:18	0° 		inferior conj		-4241 Dec 03 j 05:01	10°  38'14'49	2°46'26
max. Earth dist.	-4243 Jun 29 j 13:36	1° 	1.72318 AU	minimum elong		-4241 Dec 02 j 23:17	10°  38'23'50	2°44'37
				morning rise		-4241 Dec 08 j 21:34	6°  38'49'43	
superior conj	-4243 Jul 03 j 21:35	7° 	0°58'51	direct		-4241 Dec 23 j 16:29	2°  38'28'22	
minimum elong	-4243 Jul 03 j 12:45	6° 	0°58'43	greatest brilliancy		-4240 Jan 01 j 16:15	4°  38'00'32	-4.8m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4240 Feb 07 j 08:05	0°♊				-4238 Aug 24 j 16:36	0°♎		
morning max el	-4240 Feb 10 j 23:03	3°♊27'57	46°08'45		desc. node	-4238 Aug 28 j 15:39	4°♎51'31		
	-4240 Mar 07 j 16:01	0°♊				-4238 Sep 18 j 06:04	0°♏		
desc. node	-4240 Mar 12 j 22:21	5°♊43'52				-4238 Oct 13 j 04:57	0°♐		
	-4240 Apr 03 j 14:58	0°♋				-4238 Nov 07 j 23:45	0°♑		
	-4240 Apr 29 j 13:05	0°♋			evening max el	-4238 Dec 02 j 07:23	26°♑18'21	46°43'14	
	-4240 May 24 j 19:31	0°♌				-4238 Dec 05 j 23:50	0°♊		
	-4240 Jun 18 j 13:48	0°♌			asc. node	-4238 Dec 19 j 11:13	12°♊28'22		
asc. node	-4240 Jul 03 j 18:06	18°♌39'10			greatest brilliancy	-4237 Jan 10 j 20:58	27°♊06'20	-4.8m	
	-4240 Jul 12 j 22:00	0°♍			retrograde	-4237 Jan 21 j 18:21	29°♊20'52		
morning set	-4240 Aug 05 j 18:40	29°♍48'06			evening set	-4237 Feb 08 j 12:16	23°♊13'03		
	-4240 Aug 05 j 22:28	0°♍			inferior conj	-4237 Feb 12 j 02:48	20°♊56'18	8°17'02	
	-4240 Aug 29 j 18:14	0°♎			minimum elong	-4237 Feb 12 j 02:31	20°♊56'44	8°16'51	
					min. Earth dist.	-4237 Feb 11 j 18:31	21°♊09'33	0.29070 AU	
superior conj	-4240 Sep 13 j 17:20	18°♎53'33	1°15'22		morning rise	-4237 Feb 15 j 16:57	18°♊40'15		
minimum elong	-4240 Sep 14 j 02:05	19°♎21'10	1°15'19		direct	-4237 Mar 05 j 12:34	12°♊35'05		
max. Earth dist.	-4240 Sep 13 j 23:39	19°♎13'29	1.70889 AU		greatest brilliancy	-4237 Mar 14 j 20:59	14°♊10'33	-4.7m	
	-4240 Sep 22 j 12:33	0°♎				-4237 Apr 09 j 12:52	0°♋		
	-4240 Oct 16 j 08:02	0°♏			desc. node	-4237 Apr 10 j 09:36	0°♋43'04		
desc. node	-4240 Oct 23 j 14:17	9°♏07'11			morning max el	-4237 Apr 23 j 07:12	12°♋17'28	45°49'07	
evening rise	-4240 Oct 25 j 15:28	11°♏41'30				-4237 May 10 j 22:36	0°♌		
	-4240 Nov 09 j 06:13	0°♐				-4237 Jun 07 j 07:49	0°♍		
	-4240 Dec 03 j 07:56	0°♑				-4237 Jul 03 j 03:35	0°♌		
	-4240 Dec 27 j 14:19	0°♊				-4237 Jul 28 j 01:20	0°♍		
	-4239 Jan 21 j 03:56	0°♋			asc. node	-4237 Aug 01 j 06:11	5°♍08'44		
asc. node	-4239 Feb 13 j 08:47	27°♋47'46				-4237 Aug 21 j 08:28	0°♏		
	-4239 Feb 15 j 05:33	0°♌				-4237 Sep 14 j 06:47	0°♎		
	-4239 Mar 13 j 03:26	0°♍				-4237 Oct 08 j 01:27	0°♎		
	-4239 Apr 09 j 15:17	0°♌			morning set	-4237 Oct 20 j 16:18	15°♎55'19		
evening max el	-4239 Apr 25 j 14:20	15°♌56'42	45°16'51			-4237 Oct 31 j 20:27	0°♏		
	-4239 May 11 j 13:26	0°♍			desc. node	-4237 Nov 21 j 02:40	25°♏26'35		
greatest brilliancy	-4239 Jun 03 j 03:02	13°♍35'13	-4.7m			-4237 Nov 24 j 17:58	0°♐		
desc. node	-4239 Jun 05 j 06:14	14°♍15'18							
retrograde	-4239 Jun 13 j 04:26	15°♍23'58			superior conj	-4237 Dec 01 j 21:34	8°♐56'43	-0°24'44	
evening set	-4239 Jun 28 j 20:18	10°♍48'50			minimum elong	-4237 Dec 01 j 15:05	8°♐36'26	0°24'33	
inferior conj	-4239 Jul 04 j 08:25	7°♍35'41	-6°15'21		max. Earth dist.	-4237 Dec 06 j 18:49	15°♐02'55	1.71689 AU	
minimum elong	-4239 Jul 03 j 22:01	7°♍51'28	6°12'58			-4237 Dec 18 j 18:41	0°♑		
min. Earth dist.	-4239 Jul 04 j 16:16	7°♍23'45	0.27852 AU			-4236 Jan 11 j 22:37	0°♊		
morning rise	-4239 Jul 08 j 23:11	4°♍50'41			evening rise	-4236 Jan 12 j 00:11	0°♊04'51		
	-4239 Jul 21 j 03:57	30°♌♋				-4236 Feb 05 j 06:12	0°♋		
direct	-4239 Jul 25 j 14:12	29°♌36'38				-4236 Feb 29 j 18:38	0°♌		
	-4239 Jul 30 j 02:37	0°♍			asc. node	-4236 Mar 12 j 20:59	14°♌41'14		
greatest brilliancy	-4239 Aug 05 j 16:26	1°♍50'57	-4.8m			-4236 Mar 25 j 13:40	0°♍		
	-4239 Sep 11 j 20:00	0°♏				-4236 Apr 19 j 17:42	0°♌		
morning max el	-4239 Sep 13 j 23:52	2°♏10'17	46°45'23			-4236 May 15 j 10:51	0°♍		
asc. node	-4239 Sep 26 j 03:11	14°♏56'59				-4236 Jun 11 j 02:56	0°♏		
	-4239 Oct 09 j 14:45	0°♎			desc. node	-4236 Jul 02 j 17:53	22°♏47'58		
	-4239 Nov 04 j 03:44	0°♎			evening max el	-4236 Jul 07 j 16:56	27°♏42'44	46°35'36	
	-4239 Nov 28 j 22:32	0°♏				-4236 Jul 10 j 01:44	0°♎		
	-4239 Dec 23 j 12:11	0°♐			greatest brilliancy	-4236 Aug 17 j 15:54	27°♎01'15	-4.9m	
desc. node	-4238 Jan 16 j 01:03	28°♐45'27			retrograde	-4236 Aug 26 j 16:40	29°♎12'34		
	-4238 Jan 17 j 01:28	0°♑			evening set	-4236 Sep 12 j 18:34	23°♎38'53		
	-4238 Feb 10 j 15:16	0°♊			inferior conj	-4236 Sep 16 j 07:24	21°♎32'23	-7°53'03	
	-4238 Mar 07 j 04:55	0°♋			minimum elong	-4236 Sep 16 j 16:50	21°♎18'07	7°51'26	
morning set	-4238 Mar 20 j 14:24	16°♋22'37			min. Earth dist.	-4236 Sep 16 j 15:29	21°♎20'10	0.26616 AU	
	-4238 Mar 31 j 17:34	0°♌			morning rise	-4236 Sep 20 j 15:00	18°♎59'09		
max. Earth dist.	-4238 Apr 23 j 06:59	27°♌39'55	1.73662 AU		direct	-4236 Oct 06 j 17:22	13°♎55'21		
	-4238 Apr 25 j 04:35	0°♍			greatest brilliancy	-4236 Oct 17 j 06:39	16°♎03'28	-4.9m	
					asc. node	-4236 Oct 23 j 14:24	19°♎04'27		
superior conj	-4238 Apr 25 j 15:48	0°♍34'27	-0°30'10			-4236 Nov 07 j 20:43	0°♎		
minimum elong	-4238 Apr 25 j 21:21	0°♍51'30	0°29'55		morning max el	-4236 Nov 26 j 10:37	17°♎29'00	46°45'44	
asc. node	-4238 May 08 j 19:40	16°♍45'27				-4236 Dec 08 j 08:39	0°♏		
	-4238 May 19 j 13:36	0°♌				-4235 Jan 04 j 04:11	0°♐		
evening rise	-4238 May 31 j 06:41	14°♌27'13				-4235 Jan 29 j 23:18	0°♑		
	-4238 Jun 12 j 20:35	0°♍			desc. node	-4235 Feb 12 j 12:54	15°♑59'45		
	-4238 Jul 07 j 02:16	0°♏				-4235 Feb 24 j 08:18	0°♊		
	-4238 Jul 31 j 08:14	0°♎				-4235 Mar 21 j 11:04	0°♋		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4235 Apr 15 j 08:26	0° H		greatest brilliancy	-4233 Oct 30 j 19:16	13° M 51'06	-4.9m
	-4235 May 10 j 00:19	0° Y		retrograde	-4233 Nov 10 j 01:22	15° M 52'18	
morning set	-4235 May 26 j 09:11	20° Y 04'24		asc. node	-4233 Nov 21 j 01:48	13° M 21'07	
	-4235 Jun 03 j 10:34	0° B		evening set	-4233 Nov 24 j 15:18	11° M 33'37	
asc. node	-4235 Jun 05 j 08:02	2° B 20'20		min. Earth dist.	-4233 Nov 29 j 20:39	8° M 25'43	0.26961 AU
max. Earth dist.	-4235 Jun 27 j 04:19	29° B 25'29	1.72377 AU	inferior conj	-4233 Nov 30 j 18:56	7° M 50'45	2°25'04
	-4235 Jun 27 j 15:25	0° II		minimum elong	-4233 Nov 30 j 13:51	7° M 58'43	2°23'25
				morning rise	-4233 Dec 06 j 13:18	4° M 23'04	
superior conj	-4235 Jul 01 j 14:57	4° II 57'25	0°56'30	direct	-4233 Dec 21 j 05:17	0° M 05'27	
minimum elong	-4235 Jul 01 j 06:12	4° II 30'11	0°56'22	greatest brilliancy	-4233 Dec 30 j 07:02	1° M 38'56	-4.8m
	-4235 Jul 21 j 15:59	0° B			-4232 Feb 07 j 08:27	0° A	
evening rise	-4235 Aug 07 j 14:38	21° B 14'07		morning max el	-4232 Feb 08 j 12:01	1° A 06'34	46°09'55
	-4235 Aug 14 j 14:18	0° Q			-4232 Mar 07 j 08:38	0° B	
	-4235 Sep 07 j 12:40	0° M		desc. node	-4232 Mar 12 j 00:24	5° B 05'47	
desc. node	-4235 Sep 25 j 03:56	22° M 02'50			-4232 Apr 03 j 04:53	0° \approx	
	-4235 Oct 01 j 13:01	0° A			-4232 Apr 29 j 01:40	0° H	
	-4235 Oct 25 j 16:55	0° M			-4232 May 24 j 07:22	0° Y	
	-4235 Nov 19 j 02:35	0° A			-4232 Jun 18 j 01:14	0° B	
	-4235 Dec 13 j 22:53	0° B		asc. node	-4232 Jul 02 j 20:17	18° B 10'55	
asc. node	-4234 Jan 08 j 16:42	0° \approx			-4232 Jul 12 j 09:15	0° II	
	-4234 Jan 15 j 22:55	8° \approx 08'39		morning set	-4232 Aug 03 j 09:01	27° II 27'19	
	-4234 Feb 05 j 12:04	0° H			-4232 Aug 05 j 09:41	0° B	
evening max el	-4234 Feb 11 j 07:34	5° H 44'58	45°22'05		-4232 Aug 29 j 05:29	0° Q	
	-4234 Mar 13 j 17:23	0° Y					
greatest brilliancy	-4234 Mar 20 j 23:38	3° Y 22'11	-4.7m	superior conj	-4232 Sep 11 j 04:44	16° Q 22'27	1°16'58
retrograde	-4234 Mar 31 j 16:53	5° Y 25'11		minimum elong	-4232 Sep 11 j 12:48	16° Q 47'53	1°16'57
evening set	-4234 Apr 16 j 09:30	0° Y 43'18		max. Earth dist.	-4232 Sep 11 j 03:19	16° Q 17'57	1.70909 AU
	-4234 Apr 17 j 15:46	30° R H			-4232 Sep 21 j 23:51	0° M	
inferior conj	-4234 Apr 22 j 03:22	27° H 15'20	3°29'43		-4232 Oct 15 j 19:23	0° A	
minimum elong	-4234 Apr 22 j 10:16	27° H 04'31	3°27'54	evening rise	-4232 Oct 22 j 23:52	9° A 01'33	
min. Earth dist.	-4234 Apr 22 j 20:40	26° H 48'14	0.29095 AU	desc. node	-4232 Oct 22 j 16:25	8° A 38'11	
morning rise	-4234 Apr 28 j 10:40	23° H 27'45			-4232 Nov 08 j 17:38	0° M	
desc. node	-4234 May 07 j 20:54	19° H 36'22			-4232 Dec 02 j 19:25	0° A	
direct	-4234 May 14 j 00:01	18° H 52'14			-4232 Dec 27 j 01:57	0° B	
greatest brilliancy	-4234 May 24 j 20:29	20° H 58'49	-4.7m		-4231 Jan 20 j 15:54	0° \approx	
	-4234 Jun 09 j 20:37	0° Y		asc. node	-4231 Feb 12 j 10:48	27° \approx 16'17	
morning max el	-4234 Jul 02 j 07:20	19° Y 20'37	46°08'24		-4231 Feb 14 j 18:18	0° H	
	-4234 Jul 12 j 21:33	0° B			-4231 Mar 12 j 17:51	0° Y	
	-4234 Aug 09 j 04:11	0° II			-4231 Apr 09 j 09:48	0° B	
asc. node	-4234 Aug 28 j 17:50	22° II 59'04		evening max el	-4231 Apr 23 j 04:37	13° B 41'21	45°15'24
	-4234 Sep 03 j 13:53	0° B			-4231 May 12 j 01:36	0° II	
	-4234 Sep 28 j 01:54	0° Q		greatest brilliancy	-4231 May 31 j 15:23	11° II 16'49	-4.7m
	-4234 Oct 22 j 04:00	0° M		desc. node	-4231 Jun 04 j 08:30	12° II 21'31	
	-4234 Nov 15 j 03:29	0° A		retrograde	-4231 Jun 10 j 18:31	13° II 07'09	
	-4234 Dec 09 j 04:23	0° M		evening set	-4231 Jun 26 j 07:20	8° II 35'16	
desc. node	-4234 Dec 18 j 15:01	11° M 44'40		inferior conj	-4231 Jul 01 j 22:33	5° II 18'04	-5°59'19
	-4233 Jan 02 j 08:05	0° A		minimum elong	-4231 Jul 01 j 12:13	5° II 33'44	5°56'52
morning set	-4233 Jan 05 j 21:54	4° A 25'42		min. Earth dist.	-4231 Jul 02 j 06:36	5° II 05'52	0.27899 AU
	-4233 Jan 26 j 14:22	0° B		morning rise	-4231 Jul 06 j 16:33	2° II 28'40	
					-4231 Jul 11 j 12:21	30° R B	
superior conj	-4233 Feb 14 j 09:53	23° B 11'31	-1°23'26	direct	-4231 Jul 23 j 04:56	27° B 17'55	
minimum elong	-4233 Feb 14 j 10:31	23° B 13'28	1°23'38	greatest brilliancy	-4231 Aug 03 j 07:58	29° B 33'08	-4.8m
max. Earth dist.	-4233 Feb 16 j 09:12	25° B 37'10	1.73279 AU		-4231 Aug 04 j 10:39	0° II	
	-4233 Feb 19 j 22:35	0° \approx		morning max el	-4231 Sep 11 j 14:31	29° II 48'44	46°44'30
	-4233 Mar 16 j 08:27	0° H			-4231 Sep 11 j 18:58	0° B	
evening rise	-4233 Mar 23 j 16:09	8° H 58'55		asc. node	-4231 Sep 25 j 05:20	14° B 11'29	
	-4233 Apr 09 j 19:57	0° Y			-4231 Oct 09 j 07:15	0° Q	
asc. node	-4233 Apr 10 j 09:19	0° Y 40'53			-4231 Nov 03 j 17:54	0° M	
	-4233 May 04 j 09:22	0° B			-4231 Nov 28 j 11:32	0° A	
	-4233 May 29 j 01:12	0° II			-4231 Dec 23 j 00:26	0° M	
	-4233 Jun 22 j 20:51	0° B		desc. node	-4230 Jan 15 j 03:07	28° M 15'54	
	-4233 Jul 17 j 23:21	0° Q			-4230 Jan 16 j 13:11	0° A	
desc. node	-4233 Jul 31 j 05:34	15° Q 37'11			-4230 Feb 10 j 02:34	0° B	
	-4233 Aug 12 j 15:00	0° M			-4230 Mar 06 j 15:55	0° \approx	
	-4233 Sep 08 j 11:26	0° A		morning set	-4230 Mar 18 j 08:26	14° \approx 17'30	
evening max el	-4233 Sep 20 j 00:30	12° A 04'39	47°36'32		-4230 Mar 31 j 04:24	0° H	
	-4233 Oct 09 j 04:01	0° M		max. Earth dist.	-4230 Apr 21 j 06:24	25° H 51'15	1.73684 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4230 Apr 23 j 10:59	28° X 32'45	-0°32'57	asc. node	-4228 Oct 22 j 16:35	17° Ω 29'25	
minimum elong	-4230 Apr 23 j 16:59	28° X 51'10	0°32'42		-4228 Nov 08 j 06:41	0° M	
	-4230 Apr 24 j 15:24	0° Y		morning max el	-4228 Nov 23 j 23:44	15° M 01'47	46°46'28
asc. node	-4230 May 07 j 21:51	16° Y 18'53			-4228 Dec 08 j 03:46	0° Ω	
	-4230 May 19 j 00:29	0° X			-4227 Jan 03 j 19:19	0° M	
evening rise	-4230 May 29 j 02:10	12° X 25'25			-4227 Jan 29 j 12:35	0° X	
	-4230 Jun 12 j 07:38	0° II		desc. node	-4227 Feb 11 j 14:53	15° X 28'05	
	-4230 Jul 06 j 13:36	0° E			-4227 Feb 23 j 20:31	0° E	
	-4230 Jul 30 j 19:57	0° Ω			-4227 Mar 20 j 22:37	0° \approx	
	-4230 Aug 24 j 04:52	0° M			-4227 Apr 14 j 19:32	0° X	
desc. node	-4230 Aug 27 j 17:40	4° M 19'52			-4227 May 09 j 11:09	0° Y	
	-4230 Sep 17 j 19:05	0° Ω		morning set	-4227 May 24 j 04:10	18° Y 02'12	
	-4230 Oct 12 j 19:09	0° M			-4227 Jun 02 j 21:16	0° X	
	-4230 Nov 07 j 16:16	0° X		asc. node	-4227 Jun 04 j 10:13	1° X 54'00	
evening max el	-4230 Nov 29 j 23:30	24° X 02'46	46°46'27	max. Earth dist.	-4227 Jun 24 j 20:13	27° X 12'22	1.72441 AU
	-4230 Dec 05 j 23:13	0° E			-4227 Jun 27 j 02:08	0° II	
asc. node	-4230 Dec 18 j 13:26	11° E 25'51					
greatest brilliancy	-4229 Jan 08 j 13:20	24° E 54'29	-4.8m	superior conj	-4227 Jun 29 j 08:44	2° II 49'54	0°54'06
retrograde	-4229 Jan 19 j 12:03	27° E 10'16		minimum elong	-4227 Jun 29 j 00:08	2° II 23'07	0°53'58
evening set	-4229 Feb 06 j 04:20	21° E 03'18			-4227 Jul 21 j 02:50	0° E	
inferior conj	-4229 Feb 09 j 19:32	18° E 45'34	8°16'53	evening rise	-4227 Aug 05 j 05:26	18° E 55'35	
minimum elong	-4229 Feb 09 j 18:33	18° E 47'08	8°16'42		-4227 Aug 14 j 01:22	0° Ω	
min. Earth dist.	-4229 Feb 09 j 09:32	19° E 01'34	0.29022 AU		-4227 Sep 06 j 23:58	0° M	
morning rise	-4229 Feb 13 j 09:00	16° E 30'49		desc. node	-4227 Sep 24 j 06:04	21° M 33'46	
direct	-4229 Mar 03 j 04:49	10° E 25'12			-4227 Oct 01 j 00:33	0° Ω	
greatest brilliancy	-4229 Mar 12 j 11:10	11° E 59'29	-4.7m		-4227 Oct 25 j 04:46	0° M	
desc. node	-4229 Apr 09 j 11:44	29° E 45'52			-4227 Nov 18 j 14:54	0° X	
	-4229 Apr 09 j 18:21	0° \approx			-4227 Dec 13 j 12:02	0° E	
morning max el	-4229 Apr 21 j 00:07	10° \approx 10'37	45°49'08		-4226 Jan 08 j 07:42	0° \approx	
	-4229 May 10 j 15:48	0° X		asc. node	-4226 Jan 15 j 00:55	7° \approx 30'26	
	-4229 Jun 06 j 21:46	0° Y			-4226 Feb 05 j 08:14	0° X	
	-4229 Jul 02 j 16:10	0° X		evening max el	-4226 Feb 08 j 22:41	3° X 32'29	45°23'56
	-4229 Jul 27 j 13:12	0° II			-4226 Mar 15 j 14:31	0° Y	
asc. node	-4229 Jul 31 j 08:12	4° II 38'39		greatest brilliancy	-4226 Mar 18 j 17:00	1° Y 16'24	-4.7m
	-4229 Aug 20 j 19:58	0° E		retrograde	-4226 Mar 29 j 09:00	3° Y 18'45	
	-4229 Sep 13 j 18:06	0° Ω			-4226 Apr 11 j 10:46	30° X	
	-4229 Oct 07 j 12:41	0° M		evening set	-4226 Apr 14 j 04:20	28° X 33'39	
morning set	-4229 Oct 18 j 02:25	13° M 20'34		inferior conj	-4226 Apr 19 j 20:09	25° X 08'24	3°46'40
	-4229 Oct 31 j 07:38	0° Ω		minimum elong	-4226 Apr 20 j 03:27	24° X 56'56	3°44'48
desc. node	-4229 Nov 20 j 04:49	24° Ω 58'28		min. Earth dist.	-4226 Apr 20 j 13:40	24° X 40'55	0.29122 AU
	-4229 Nov 24 j 05:06	0° M		morning rise	-4226 Apr 26 j 02:10	21° X 21'58	
				desc. node	-4226 May 06 j 23:05	17° X 10'54	
superior conj	-4229 Nov 29 j 06:40	6° M 20'20	-0°20'56	direct	-4226 May 11 j 16:22	16° X 44'50	
minimum elong	-4229 Nov 29 j 01:06	6° M 02'53	0°20'46	greatest brilliancy	-4226 May 22 j 12:36	18° X 50'33	-4.7m
max. Earth dist.	-4229 Dec 04 j 05:38	12° M 32'07	1.71635 AU		-4226 Jun 10 j 10:11	0° Y	
	-4229 Dec 18 j 05:46	0° X		morning max el	-4226 Jun 29 j 22:17	17° Y 07'20	46°07'14
evening rise	-4228 Jan 09 j 12:54	27° X 41'27			-4226 Jul 12 j 15:55	0° X	
	-4228 Jan 11 j 09:40	0° E			-4226 Aug 08 j 18:38	0° II	
	-4228 Feb 04 j 17:17	0° \approx		asc. node	-4226 Aug 27 j 20:01	22° II 26'05	
	-4228 Feb 29 j 05:52	0° X			-4226 Sep 03 j 02:48	0° E	
asc. node	-4228 Mar 11 j 23:07	14° X 13'19			-4226 Sep 27 j 14:05	0° Ω	
	-4228 Mar 25 j 01:18	0° Y			-4226 Oct 21 j 15:46	0° M	
	-4228 Apr 19 j 06:07	0° X			-4226 Nov 14 j 14:58	0° Ω	
	-4228 May 15 j 00:44	0° II			-4226 Dec 08 j 15:39	0° M	
	-4228 Jun 10 j 19:52	0° E		desc. node	-4226 Dec 17 j 17:06	11° M 16'22	
desc. node	-4228 Jul 01 j 19:54	21° E 57'31			-4225 Jan 01 j 19:09	0° X	
evening max el	-4228 Jul 05 j 06:48	25° E 21'35	46°32'11	morning set	-4225 Jan 03 j 09:30	1° X 58'47	
	-4228 Jul 10 j 03:17	0° Ω			-4225 Jan 26 j 01:16	0° E	
greatest brilliancy	-4228 Aug 15 j 03:18	25° Ω 12'08	-4.9m				
retrograde	-4228 Aug 24 j 04:36	26° Ω 43'11		superior conj	-4225 Feb 12 j 01:22	20° E 58'08	-1°23'30
evening set	-4228 Sep 10 j 09:37	21° Ω 05'28		minimum elong	-4225 Feb 12 j 01:13	20° E 57'41	1°23'41
inferior conj	-4228 Sep 13 j 19:21	19° Ω 03'15	-8°04'09	max. Earth dist.	-4225 Feb 14 j 03:46	23° E 33'20	1.73235 AU
minimum elong	-4228 Sep 14 j 04:15	18° Ω 49'46	8°02'45		-4225 Feb 19 j 09:23	0° \approx	
min. Earth dist.	-4228 Sep 14 j 03:33	18° Ω 50'49	0.26650 AU		-4225 Mar 15 j 19:13	0° X	
morning rise	-4228 Sep 17 j 22:49	16° Ω 35'45		evening rise	-4225 Mar 21 j 09:56	6° X 53'09	
direct	-4228 Oct 04 j 06:17	11° Ω 26'05		asc. node	-4225 Apr 09 j 11:32	0° Y 14'25	
greatest brilliancy	-4228 Oct 14 j 19:14	13° Ω 33'41	-4.9m		-4225 Apr 09 j 06:49	0° Y	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4225 May 03 j 20:29	0°♄					-4223 Oct 08 j 23:09	0°♌			
	-4225 May 28 j 12:46	0°♊					-4223 Nov 03 j 07:40	0°♐			
	-4225 Jun 22 j 09:07	0°♎					-4223 Nov 28 j 00:14	0°♍			
	-4225 Jul 17 j 12:44	0°♏					-4223 Dec 22 j 12:30	0°♍			
desc. node	-4225 Jul 30 j 07:36	15°♏01'34				desc. node	-4222 Jan 14 j 05:07	27°♍46'27			
	-4225 Aug 12 j 06:21	0°♐					-4222 Jan 16 j 00:48	0°♌			
	-4225 Sep 08 j 07:05	0°♍					-4222 Feb 09 j 13:49	0°♎			
evening max el	-4225 Sep 17 j 13:44	9°♍38'32	47°36'01				-4222 Mar 06 j 02:54	0°♐			
	-4225 Oct 09 j 17:17	0°♍				morning set	-4222 Mar 16 j 01:50	12°♐10'33			
greatest brilliancy	-4225 Oct 28 j 11:00	11°♍26'41	-4.9m				-4222 Mar 30 j 15:13	0°♐			
retrograde	-4225 Nov 07 j 14:45	13°♍26'01				max. Earth dist.	-4222 Apr 19 j 06:26	24°♐04'36	1.73699 AU		
asc. node	-4225 Nov 20 j 03:59	10°♍11'53									
evening set	-4225 Nov 22 j 04:19	9°♍08'36				superior conj	-4222 Apr 21 j 05:41	26°♐29'41	-0°35'44		
min. Earth dist.	-4225 Nov 27 j 11:26	5°♍58'41	0.26902 AU			minimum elong	-4222 Apr 21 j 12:06	26°♐49'24	0°35'29		
inferior conj	-4225 Nov 28 j 08:25	5°♍25'48	2°03'00				-4222 Apr 24 j 02:10	0°♐			
minimum elong	-4225 Nov 28 j 04:03	5°♍32'38	2°01'33			asc. node	-4222 May 06 j 23:56	15°♐52'09			
morning rise	-4225 Dec 04 j 04:35	1°♍55'47					-4222 May 18 j 11:19	0°♌			
	-4225 Dec 08 j 02:44	30°♐♌				evening rise	-4222 May 26 j 21:24	10°♌23'08			
direct	-4225 Dec 18 j 17:27	27°♌41'17					-4222 Jun 11 j 18:39	0°♊			
greatest brilliancy	-4225 Dec 27 j 21:47	29°♌16'41	-4.8m				-4222 Jul 06 j 00:54	0°♎			
	-4225 Dec 29 j 21:23	0°♍					-4222 Jul 30 j 07:38	0°♏			
morning max el	-4224 Feb 06 j 01:25	28°♍46'19	46°11'18				-4222 Aug 23 j 17:05	0°♐			
	-4224 Feb 07 j 07:39	0°♌				desc. node	-4222 Aug 26 j 19:52	3°♐48'58			
	-4224 Mar 07 j 00:46	0°♎					-4222 Sep 17 j 08:01	0°♍			
desc. node	-4224 Mar 11 j 02:38	4°♎29'02					-4222 Oct 12 j 09:17	0°♍			
	-4224 Apr 02 j 18:24	0°♐					-4222 Nov 07 j 08:52	0°♌			
	-4224 Apr 28 j 13:54	0°♐				evening max el	-4222 Nov 27 j 16:13	21°♌49'00	46°49'25		
	-4224 May 23 j 18:53	0°♐					-4222 Dec 05 j 23:32	0°♎			
	-4224 Jun 17 j 12:22	0°♌				asc. node	-4222 Dec 17 j 15:26	10°♎21'23			
asc. node	-4224 Jul 01 j 22:17	17°♌43'08				greatest brilliancy	-4221 Jan 06 j 05:43	22°♎42'20	-4.8m		
	-4224 Jul 11 j 20:12	0°♊				retrograde	-4221 Jan 17 j 05:28	24°♎58'48			
morning set	-4224 Aug 01 j 00:03	25°♊09'50				evening set	-4221 Feb 03 j 19:59	18°♎53'22			
	-4224 Aug 04 j 20:33	0°♎				min. Earth dist.	-4221 Feb 07 j 00:22	16°♎52'49	0.28975 AU		
	-4224 Aug 28 j 16:22	0°♏				inferior conj	-4221 Feb 07 j 12:05	16°♎34'04	8°16'02		
						minimum elong	-4221 Feb 07 j 10:25	16°♎36'44	8°15'48		
superior conj	-4224 Sep 08 j 16:48	13°♏54'29	1°18'23			morning rise	-4221 Feb 11 j 01:08	14°♎20'02			
minimum elong	-4224 Sep 09 j 00:08	14°♏17'38	1°18'25			direct	-4221 Feb 28 j 21:15	8°♎31'40			
max. Earth dist.	-4224 Sep 08 j 11:29	13°♏37'43	1.70933 AU			greatest brilliancy	-4221 Mar 10 j 01:01	9°♎47'16	-4.7m		
	-4224 Sep 21 j 10:48	0°♐				desc. node	-4221 Apr 08 j 13:54	28°♎49'25			
	-4224 Oct 15 j 06:27	0°♍					-4221 Apr 09 j 22:14	0°♐			
evening rise	-4224 Oct 20 j 08:35	6°♍23'31				morning max el	-4221 Apr 18 j 16:41	8°♐02'24	45°49'07		
desc. node	-4224 Oct 21 j 18:34	8°♍10'08					-4221 May 10 j 08:50	0°♐			
	-4224 Nov 08 j 04:49	0°♍					-4221 Jun 06 j 11:42	0°♐			
	-4224 Dec 02 j 06:44	0°♌					-4221 Jul 02 j 04:44	0°♌			
	-4224 Dec 26 j 13:27	0°♎					-4221 Jul 27 j 01:05	0°♊			
	-4223 Jan 20 j 03:48	0°♐				asc. node	-4221 Jul 30 j 10:20	4°♊08'59			
asc. node	-4223 Feb 11 j 12:58	26°♐45'28					-4221 Aug 20 j 07:29	0°♎			
	-4223 Feb 14 j 07:00	0°♐					-4221 Sep 13 j 05:27	0°♏			
	-4223 Mar 12 j 08:19	0°♐					-4221 Oct 06 j 23:56	0°♐			
	-4223 Apr 09 j 04:39	0°♌				morning set	-4221 Oct 15 j 12:54	10°♐46'52			
evening max el	-4223 Apr 20 j 19:43	11°♌28'37	45°14'09				-4221 Oct 30 j 18:49	0°♍			
	-4223 May 12 j 17:30	0°♊				desc. node	-4221 Nov 19 j 06:51	24°♍29'58			
greatest brilliancy	-4223 May 29 j 03:32	8°♊59'04	-4.7m				-4221 Nov 23 j 16:14	0°♍			
desc. node	-4223 Jun 03 j 10:33	10°♊23'53									
retrograde	-4223 Jun 08 j 08:59	10°♊51'07				superior conj	-4221 Nov 26 j 16:04	3°♍44'51	-0°17'06		
evening set	-4223 Jun 23 j 18:40	6°♊22'25				minimum elong	-4221 Nov 26 j 11:27	3°♍30'24	0°16'58		
inferior conj	-4223 Jun 29 j 12:43	3°♊01'14	-5°42'51			max. Earth dist.	-4221 Dec 01 j 18:38	10°♍08'05	1.71579 AU		
minimum elong	-4223 Jun 29 j 02:31	3°♊16'40	5°40'21				-4221 Dec 17 j 16:49	0°♌			
min. Earth dist.	-4223 Jun 29 j 20:43	2°♊49'06	0.27941 AU			evening rise	-4220 Jan 07 j 01:40	25°♌18'06			
morning rise	-4223 Jul 04 j 09:52	0°♊07'33					-4220 Jan 10 j 20:43	0°♎			
	-4223 Jul 04 j 15:14	30°♐♌					-4220 Feb 04 j 04:26	0°♐			
direct	-4223 Jul 20 j 20:09	25°♌00'12					-4220 Feb 28 j 17:15	0°♐			
greatest brilliancy	-4223 Jul 31 j 22:50	27°♌15'30	-4.8m			asc. node	-4220 Mar 11 j 01:17	13°♌44'57			
	-4223 Aug 06 j 19:35	0°♊					-4220 Mar 24 j 13:08	0°♐			
morning max el	-4223 Sep 09 j 05:52	27°♊30'07	46°43'42				-4220 Apr 18 j 18:48	0°♌			
	-4223 Sep 11 j 16:41	0°♎					-4220 May 14 j 15:00	0°♊			
asc. node	-4223 Sep 24 j 07:32	13°♎27'34					-4220 Jun 10 j 13:23	0°♎			

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4220 Jun 30 j 21:59	21°☾05'46		morning set	-4218 Dec 31 j 20:58	29°♌30'29	
evening max el	-4220 Jul 02 j 19:57	22°☾58'15	46°28'50		-4217 Jan 01 j 06:29	0°♊	
	-4220 Jul 10 j 06:30	0°♌			-4217 Jan 25 j 12:27	0°♊	
greatest brilliancy	-4220 Aug 12 j 15:14	22°♌43'18	-4.9m				
retrograde	-4220 Aug 21 j 15:54	24°♌13'30		superior conj	-4217 Feb 09 j 16:54	18°♊44'03	-1°23'26
evening set	-4220 Sep 08 j 00:32	18°♌32'00		minimum elong	-4217 Feb 09 j 15:57	18°♊41'08	1°23'37
inferior conj	-4220 Sep 11 j 07:20	16°♌33'56	-8°14'23	max. Earth dist.	-4217 Feb 11 j 20:46	21°♊23'50	1.73187 AU
minimum elong	-4220 Sep 11 j 15:37	16°♌21'23	8°13'10		-4217 Feb 18 j 20:26	0°♌	
min. Earth dist.	-4220 Sep 11 j 15:59	16°♌20'50	0.26683 AU		-4217 Mar 15 j 06:14	0°♌	
morning rise	-4220 Sep 15 j 06:36	14°♌12'08		evening rise	-4217 Mar 19 j 03:49	4°♌47'01	
direct	-4220 Oct 01 j 18:43	8°♌56'24		asc. node	-4217 Apr 08 j 13:37	29°♌46'44	
greatest brilliancy	-4220 Oct 12 j 08:24	11°♌04'08	-4.9m		-4217 Apr 08 j 17:57	0°♌	
asc. node	-4220 Oct 21 j 18:44	15°♌57'10			-4217 May 03 j 07:56	0°♌	
	-4220 Nov 08 j 14:10	0°♌			-4217 May 28 j 00:44	0°♌	
morning max el	-4220 Nov 21 j 12:03	12°♌31'54	46°47'20		-4217 Jun 21 j 21:52	0°♌	
	-4220 Dec 07 j 22:30	0°♌			-4217 Jul 17 j 02:40	0°♌	
	-4219 Jan 03 j 10:21	0°♌		desc. node	-4217 Jul 29 j 09:49	14°♌24'54	
	-4219 Jan 29 j 01:51	0°♌			-4217 Aug 11 j 22:22	0°♌	
desc. node	-4219 Feb 10 j 17:08	14°♌57'03			-4217 Sep 08 j 03:46	0°♌	
	-4219 Feb 23 j 08:47	0°♌		evening max el	-4217 Sep 15 j 03:09	7°♌11'55	47°35'39
	-4219 Mar 20 j 10:16	0°♌			-4217 Oct 10 j 11:30	0°♌	
	-4219 Apr 14 j 06:49	0°♌		greatest brilliancy	-4217 Oct 26 j 02:16	9°♌00'34	-4.9m
	-4219 May 08 j 22:13	0°♌		retrograde	-4217 Nov 05 j 04:27	10°♌58'49	
morning set	-4219 May 21 j 22:51	15°♌58'18		asc. node	-4217 Nov 19 j 06:03	6°♌57'33	
	-4219 Jun 02 j 08:15	0°♌		evening set	-4217 Nov 19 j 17:30	6°♌42'01	
asc. node	-4219 Jun 03 j 12:13	1°♌26'17		min. Earth dist.	-4217 Nov 25 j 01:58	3°♌30'44	0.26844 AU
max. Earth dist.	-4219 Jun 22 j 12:45	25°♌00'25	1.72505 AU	inferior conj	-4217 Nov 25 j 21:52	2°♌59'39	1°40'30
	-4219 Jun 26 j 13:07	0°♌		minimum elong	-4217 Nov 25 j 18:16	3°♌05'18	1°39'18
					-4217 Nov 30 j 20:37	30°♌	
superior conj	-4219 Jun 27 j 02:18	0°♌41'00	0°51'37	morning rise	-4217 Dec 01 j 19:44	29°♌27'45	
minimum elong	-4219 Jun 26 j 17:53	0°♌14'48	0°51'27	direct	-4217 Dec 16 j 05:55	25°♌15'49	
	-4219 Jul 20 j 13:57	0°♌		greatest brilliancy	-4217 Dec 25 j 12:18	26°♌53'11	-4.8m
evening rise	-4219 Aug 02 j 20:15	16°♌36'31			-4216 Jan 01 j 14:32	0°♌	
	-4219 Aug 13 j 12:40	0°♌		morning max el	-4216 Feb 03 j 15:55	26°♌27'43	46°12'43
	-4219 Sep 06 j 11:29	0°♌			-4216 Feb 07 j 06:15	0°♌	
desc. node	-4219 Sep 23 j 08:11	21°♌03'54			-4216 Mar 06 j 16:55	0°♌	
	-4219 Sep 30 j 12:20	0°♌		desc. node	-4216 Mar 10 j 04:42	3°♌51'20	
	-4219 Oct 24 j 16:52	0°♌			-4216 Apr 02 j 08:04	0°♌	
	-4219 Nov 18 j 03:29	0°♌			-4216 Apr 28 j 02:19	0°♌	
	-4219 Dec 13 j 01:30	0°♌			-4216 May 23 j 06:38	0°♌	
	-4218 Jan 07 j 23:04	0°♌			-4216 Jun 16 j 23:47	0°♌	
asc. node	-4218 Jan 14 j 03:09	6°♌52'00		asc. node	-4216 Jul 01 j 00:29	17°♌15'00	
	-4218 Feb 05 j 05:16	0°♌			-4216 Jul 11 j 07:29	0°♌	
evening max el	-4218 Feb 06 j 13:08	1°♌17'50	45°25'53	morning set	-4216 Jul 29 j 15:03	22°♌51'10	
greatest brilliancy	-4218 Mar 16 j 09:45	29°♌09'19	-4.7m		-4216 Aug 04 j 07:49	0°♌	
	-4218 Mar 18 j 23:31	0°♌			-4216 Aug 28 j 03:40	0°♌	
retrograde	-4218 Mar 27 j 01:10	1°♌11'52					
	-4218 Apr 03 j 20:26	30°♌		superior conj	-4216 Sep 06 j 04:41	11°♌24'45	1°19'39
evening set	-4218 Apr 11 j 23:11	26°♌23'02		minimum elong	-4216 Sep 06 j 11:15	11°♌45'26	1°19'42
inferior conj	-4218 Apr 17 j 12:57	23°♌00'43	4°03'16	max. Earth dist.	-4216 Sep 05 j 19:13	10°♌54'52	1.70957 AU
minimum elong	-4218 Apr 17 j 20:37	22°♌48'40	4°01'20		-4216 Sep 20 j 22:10	0°♌	
min. Earth dist.	-4218 Apr 18 j 06:42	22°♌32'51	0.29156 AU		-4216 Oct 14 j 17:53	0°♌	
morning rise	-4218 Apr 23 j 17:35	19°♌15'47		evening rise	-4216 Oct 17 j 17:01	3°♌43'24	
desc. node	-4218 May 06 j 01:10	14°♌49'12		desc. node	-4216 Oct 20 j 20:34	7°♌40'30	
direct	-4218 May 09 j 08:39	14°♌36'24			-4216 Nov 07 j 16:21	0°♌	
greatest brilliancy	-4218 May 20 j 05:19	16°♌42'04	-4.7m		-4216 Dec 01 j 18:22	0°♌	
	-4218 Jun 10 j 20:50	0°♌			-4216 Dec 26 j 01:17	0°♌	
morning max el	-4218 Jun 27 j 13:46	14°♌54'11	46°06'05		-4215 Jan 19 j 16:02	0°♌	
	-4218 Jul 12 j 10:19	0°♌		asc. node	-4215 Feb 10 j 15:10	26°♌13'45	
	-4218 Aug 08 j 09:20	0°♌			-4215 Feb 13 j 20:05	0°♌	
asc. node	-4218 Aug 26 j 22:14	21°♌52'16			-4215 Mar 11 j 23:13	0°♌	
	-4218 Sep 02 j 15:59	0°♌			-4215 Apr 09 j 00:16	0°♌	
	-4218 Sep 27 j 02:31	0°♌		evening max el	-4215 Apr 18 j 11:40	9°♌17'31	45°13'00
	-4218 Oct 21 j 03:47	0°♌			-4215 May 13 j 15:04	0°♌	
	-4218 Nov 14 j 02:42	0°♌		greatest brilliancy	-4215 May 26 j 16:03	6°♌41'52	-4.7m
	-4218 Dec 08 j 03:10	0°♌		desc. node	-4215 Jun 02 j 12:37	8°♌21'44	
desc. node	-4218 Dec 16 j 19:06	10°♌46'59		retrograde	-4215 Jun 05 j 23:31	8°♌35'09	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4215 Jun 21 j 06:31	4° Π 09'39		minimum elong	-4213 Nov 23 j 21:25	0° \mathbb{M} 55'59	0°13'05
inferior conj	-4215 Jun 27 j 03:07	0° Π 44'33	-5°26'00	behind sun begin	-4213 Nov 23 j 05:01	0° \mathbb{M} 04'37	
minimum elong	-4215 Jun 26 j 17:09	0° Π 59'41	5°23'28	behind sun end	-4213 Nov 24 j 13:50	1° \mathbb{M} 47'21	
min. Earth dist.	-4215 Jun 27 j 10:59	0° Π 32'36	0.27987 AU	max. Earth dist.	-4213 Nov 29 j 05:37	7° \mathbb{M} 37'03	1.71524 AU
	-4215 Jun 28 j 08:30	30° \mathbb{K} 8			-4213 Dec 17 j 04:05	0° \mathbb{J}	
morning rise	-4215 Jul 02 j 03:19	27° \mathbb{B} 46'32		evening rise	-4212 Jan 04 j 13:42	22° \mathbb{J} 51'50	
direct	-4215 Jul 18 j 11:53	22° \mathbb{B} 42'47			-4212 Jan 10 j 07:57	0° \mathbb{Z}	
greatest brilliancy	-4215 Jul 29 j 13:32	24° \mathbb{B} 57'20	-4.8m		-4212 Feb 03 j 15:43	0° \approx	
	-4215 Aug 08 j 08:31	0° Π			-4212 Feb 28 j 04:45	0° \mathbb{H}	
morning max el	-4215 Sep 06 j 21:03	25° Π 10'11	46°42'34	asc. node	-4212 Mar 10 j 03:21	13° \mathbb{H} 15'56	
	-4215 Sep 11 j 14:03	0° \mathbb{G}			-4212 Mar 24 j 01:05	0° \mathbb{Y}	
asc. node	-4215 Sep 23 j 09:37	12° \mathbb{G} 42'43			-4212 Apr 18 j 07:37	0° \mathbb{B}	
	-4215 Oct 08 j 15:14	0° Ω			-4212 May 14 j 05:25	0° Π	
	-4215 Nov 02 j 21:44	0° \mathbb{M}			-4212 Jun 10 j 07:15	0° \mathbb{G}	
	-4215 Nov 27 j 13:15	0° \mathbb{L}		desc. node	-4212 Jun 30 j 00:16	20° \mathbb{G} 13'49	
	-4215 Dec 22 j 00:50	0° \mathbb{M}		evening max el	-4212 Jun 30 j 08:27	20° \mathbb{G} 33'45	46°25'34
desc. node	-4214 Jan 13 j 07:23	27° \mathbb{M} 17'02			-4212 Jul 10 j 11:13	0° Ω	
	-4214 Jan 15 j 12:38	0° \mathbb{J}		greatest brilliancy	-4212 Aug 10 j 03:36	20° Ω 16'03	-4.9m
	-4214 Feb 09 j 01:17	0° \mathbb{Z}		retrograde	-4212 Aug 19 j 03:06	21° Ω 45'26	
	-4214 Mar 05 j 14:06	0° \approx		evening set	-4212 Sep 05 j 15:29	16° Ω 00'17	
morning set	-4214 Mar 13 j 19:23	10° \approx 03'19		inferior conj	-4212 Sep 08 j 19:39	14° Ω 06'09	-8°23'24
	-4214 Mar 30 j 02:16	0° \mathbb{H}		minimum elong	-4212 Sep 09 j 03:15	13° Ω 54'37	8°22'21
max. Earth dist.	-4214 Apr 17 j 06:03	22° \mathbb{H} 16'03	1.73708 AU	min. Earth dist.	-4212 Sep 09 j 04:54	13° Ω 52'07	0.26721 AU
				morning rise	-4212 Sep 12 j 14:53	11° Ω 49'57	
superior conj	-4214 Apr 19 j 00:40	24° \mathbb{H} 26'54	-0°38'28	direct	-4212 Sep 29 j 07:05	6° Ω 27'58	
minimum elong	-4214 Apr 19 j 07:29	24° \mathbb{H} 47'47	0°38'11	greatest brilliancy	-4212 Oct 09 j 22:25	8° Ω 36'37	-4.9m
	-4214 Apr 23 j 13:08	0° \mathbb{Y}		asc. node	-4212 Oct 20 j 20:51	14° Ω 28'48	
asc. node	-4214 May 06 j 02:01	15° \mathbb{Y} 24'49			-4212 Nov 08 j 19:19	0° \mathbb{M}	
	-4214 May 17 j 22:20	0° \mathbb{B}		morning max el	-4212 Nov 19 j 00:16	10° \mathbb{M} 01'45	46°47'57
evening rise	-4214 May 24 j 17:01	8° \mathbb{B} 21'28			-4212 Dec 07 j 16:47	0° \mathbb{L}	
	-4214 Jun 11 j 05:50	0° Π			-4211 Jan 03 j 01:16	0° \mathbb{M}	
	-4214 Jul 05 j 12:23	0° \mathbb{G}			-4211 Jan 28 j 15:08	0° \mathbb{J}	
	-4214 Jul 29 j 19:33	0° Ω		desc. node	-4211 Feb 09 j 19:13	14° \mathbb{J} 25'21	
	-4214 Aug 23 j 05:35	0° \mathbb{M}			-4211 Feb 22 j 21:05	0° \mathbb{Z}	
desc. node	-4214 Aug 25 j 21:58	3° \mathbb{M} 16'54			-4211 Mar 19 j 21:56	0° \approx	
	-4214 Sep 16 j 21:21	0° \mathbb{L}			-4211 Apr 13 j 18:03	0° \mathbb{H}	
	-4214 Oct 11 j 23:54	0° \mathbb{M}			-4211 May 08 j 09:13	0° \mathbb{Y}	
	-4214 Nov 07 j 02:10	0° \mathbb{J}		morning set	-4211 May 19 j 17:36	13° \mathbb{Y} 54'52	
evening max el	-4214 Nov 25 j 08:51	19° \mathbb{J} 33'44	46°52'26		-4211 Jun 01 j 19:08	0° \mathbb{B}	
	-4214 Dec 06 j 01:33	0° \mathbb{Z}		asc. node	-4211 Jun 02 j 14:25	0° \mathbb{B} 59'31	
asc. node	-4214 Dec 16 j 17:40	9° \mathbb{Z} 14'45		max. Earth dist.	-4211 Jun 20 j 07:18	22° \mathbb{B} 55'04	1.72566 AU
greatest brilliancy	-4213 Jan 03 j 22:44	20° \mathbb{Z} 29'58	-4.8m				
retrograde	-4213 Jan 14 j 22:37	22° \mathbb{Z} 46'14		superior conj	-4211 Jun 24 j 20:11	28° \mathbb{Z} 33'25	0°49'05
evening set	-4213 Feb 01 j 11:26	16° \mathbb{Z} 43'04		minimum elong	-4211 Jun 24 j 11:59	28° \mathbb{Z} 07'54	0°48'55
min. Earth dist.	-4213 Feb 04 j 15:27	14° \mathbb{Z} 42'57	0.28919 AU		-4211 Jun 26 j 00:02	0° Π	
inferior conj	-4213 Feb 05 j 04:39	14° \mathbb{Z} 21'47	8°14'32		-4211 Jul 20 j 00:58	0° \mathbb{G}	
minimum elong	-4213 Feb 05 j 02:18	14° \mathbb{Z} 25'33	8°14'15	evening rise	-4211 Jul 31 j 11:43	14° \mathbb{G} 19'56	
morning rise	-4213 Feb 08 j 17:29	12° \mathbb{Z} 07'58			-4211 Aug 12 j 23:50	0° Ω	
direct	-4213 Feb 26 j 13:30	6° \mathbb{Z} 03'35			-4211 Sep 05 j 22:51	0° \mathbb{M}	
greatest brilliancy	-4213 Mar 07 j 15:00	7° \mathbb{Z} 34'26	-4.7m	desc. node	-4211 Sep 22 j 10:13	20° \mathbb{M} 34'17	
desc. node	-4213 Apr 07 j 15:59	27° \mathbb{Z} 53'35			-4211 Sep 29 j 23:57	0° \mathbb{L}	
	-4213 Apr 10 j 00:42	0° \approx			-4211 Oct 24 j 04:50	0° \mathbb{M}	
morning max el	-4213 Apr 16 j 08:34	5° \approx 52'08	45°49'11		-4211 Nov 17 j 15:59	0° \mathbb{J}	
	-4213 May 10 j 01:40	0° \mathbb{H}			-4211 Dec 12 j 14:58	0° \mathbb{Z}	
	-4213 Jun 06 j 01:36	0° \mathbb{Y}			-4210 Jan 07 j 14:37	0° \approx	
	-4213 Jul 01 j 17:17	0° \mathbb{B}		asc. node	-4210 Jan 13 j 05:19	6° \approx 13'03	
	-4213 Jul 26 j 12:58	0° Π		evening max el	-4210 Feb 04 j 03:44	29° \approx 03'25	45°28'00
asc. node	-4213 Jul 29 j 12:34	3° Π 39'32			-4210 Feb 05 j 03:05	0° \mathbb{H}	
	-4213 Aug 19 j 19:02	0° \mathbb{G}		greatest brilliancy	-4210 Mar 14 j 02:00	27° \mathbb{H} 01'42	-4.7m
	-4213 Sep 12 j 16:51	0° Ω		retrograde	-4210 Mar 24 j 17:51	29° \mathbb{H} 05'14	
	-4213 Oct 06 j 11:18	0° \mathbb{M}		evening set	-4210 Apr 09 j 18:06	24° \mathbb{H} 12'22	
morning set	-4213 Oct 12 j 23:21	8° \mathbb{M} 12'35		inferior conj	-4210 Apr 15 j 05:43	20° \mathbb{H} 53'09	4°19'31
	-4213 Oct 30 j 06:10	0° \mathbb{L}		minimum elong	-4210 Apr 15 j 13:44	20° \mathbb{H} 40'35	4°17'32
desc. node	-4213 Nov 18 j 08:58	24° \mathbb{L} 01'11		min. Earth dist.	-4210 Apr 15 j 23:27	20° \mathbb{H} 25'19	0.29185 AU
	-4213 Nov 23 j 03:32	0° \mathbb{M}		morning rise	-4210 Apr 21 j 08:53	17° \mathbb{H} 10'14	
				desc. node	-4210 May 05 j 03:16	12° \mathbb{H} 32'24	
superior conj	-4213 Nov 24 j 01:01	1° \mathbb{M} 07'14	-0°13'10	direct	-4210 May 07 j 01:01	12° \mathbb{H} 28'09	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4210 May 17 j 21:54	14° H 34'02	-4.7m		-4208 Nov 07 j 03:33	0° M	
	-4210 Jun 11 j 04:26	0° Y			-4208 Dec 01 j 05:40	0° X	
morning max el	-4210 Jun 25 j 06:02	12° Y 43'43	46°05'01		-4208 Dec 25 j 12:45	0° Z	
	-4210 Jul 12 j 04:03	0° B			-4207 Jan 19 j 03:55	0° \approx	
	-4210 Aug 07 j 23:39	0° II		asc. node	-4207 Feb 09 j 17:11	25° \approx 42'29	
asc. node	-4210 Aug 26 j 00:14	21° II 18'42			-4207 Feb 13 j 08:53	0° H	
	-4210 Sep 02 j 04:52	0° G			-4207 Mar 11 j 13:59	0° Y	
	-4210 Sep 26 j 14:40	0° Ω			-4207 Apr 08 j 20:11	0° B	
	-4210 Oct 20 j 15:30	0° M		evening max el	-4207 Apr 16 j 03:42	7° B 07'21	45°11'46
	-4210 Nov 13 j 14:07	0° $\underline{\text{A}}$			-4207 May 14 j 20:15	0° II	
	-4210 Dec 07 j 14:23	0° M		greatest brilliancy	-4207 May 24 j 05:16	4° II 26'11	-4.7m
desc. node	-4210 Dec 15 j 21:20	10° M 19'13		desc. node	-4207 Jun 01 j 14:53	6° II 15'32	
morning set	-4210 Dec 29 j 08:26	27° M 02'49		retrograde	-4207 Jun 03 j 13:36	6° II 19'48	
	-4210 Dec 31 j 17:34	0° X		evening set	-4207 Jun 18 j 18:33	1° II 57'34	
	-4209 Jan 24 j 23:23	0° Z			-4207 Jun 22 j 05:05	30° R B	
				inferior conj	-4207 Jun 24 j 17:30	28° B 28'49	-5°08'33
superior conj	-4209 Feb 07 j 08:09	16° Z 29'40	-1°23'12	minimum elong	-4207 Jun 24 j 07:49	28° B 43'32	5°06'03
minimum elong	-4209 Feb 07 j 06:25	16° Z 24'17	1°23'24	min. Earth dist.	-4207 Jun 25 j 01:29	28° B 16'39	0.28027 AU
max. Earth dist.	-4209 Feb 09 j 12:31	19° Z 10'59	1.73146 AU	morning rise	-4207 Jun 29 j 20:38	25° B 26'22	
	-4209 Feb 18 j 07:18	0° \approx		direct	-4207 Jul 16 j 03:27	20° B 26'27	
	-4209 Mar 14 j 17:04	0° H		greatest brilliancy	-4207 Jul 27 j 04:07	22° B 39'59	-4.8m
evening rise	-4209 Mar 16 j 21:23	2° H 40'25			-4207 Aug 09 j 10:08	0° II	
greatest brilliancy	-4209 Mar 17 j 04:24	3° H 01'56	-3.9m	morning max el	-4207 Sep 04 j 11:07	22° II 48'41	46°41'25
asc. node	-4209 Apr 07 j 15:42	29° H 19'35			-4207 Sep 11 j 10:18	0° G	
	-4209 Apr 08 j 04:55	0° Y		asc. node	-4207 Sep 22 j 11:49	11° G 59'53	
	-4209 May 02 j 19:10	0° B			-4207 Oct 08 j 06:41	0° Ω	
	-4209 May 27 j 12:29	0° II			-4207 Nov 02 j 11:18	0° M	
	-4209 Jun 21 j 10:23	0° G			-4207 Nov 27 j 01:50	0° $\underline{\text{A}}$	
	-4209 Jul 16 j 16:25	0° Ω			-4207 Dec 21 j 12:47	0° M	
desc. node	-4209 Jul 28 j 11:53	13° Ω 48'23		desc. node	-4206 Jan 12 j 09:25	26° M 48'06	
	-4209 Aug 11 j 14:17	0° M			-4206 Jan 15 j 00:05	0° X	
	-4209 Sep 08 j 00:44	0° $\underline{\text{A}}$			-4206 Feb 08 j 12:22	0° Z	
evening max el	-4209 Sep 12 j 17:44	4° $\underline{\text{A}}$ 49'27	47°35'12		-4206 Mar 05 j 00:55	0° \approx	
	-4209 Oct 11 j 11:15	0° M		morning set	-4206 Mar 11 j 12:57	7° \approx 57'17	
greatest brilliancy	-4209 Oct 23 j 17:03	6° M 35'08	-4.9m		-4206 Mar 29 j 12:57	0° H	
retrograde	-4209 Nov 02 j 18:42	8° M 32'57		max. Earth dist.	-4206 Apr 15 j 04:32	20° H 25'01	1.73719 AU
evening set	-4209 Nov 17 j 06:58	4° M 16'29					
asc. node	-4209 Nov 18 j 08:15	3° M 41'06		superior conj	-4206 Apr 16 j 19:39	22° H 25'04	-0°41'07
min. Earth dist.	-4209 Nov 22 j 16:15	1° M 04'25	0.26789 AU	minimum elong	-4206 Apr 17 j 02:48	22° H 47'00	0°40'51
inferior conj	-4209 Nov 23 j 11:21	0° M 34'42	1°17'47		-4206 Apr 22 j 23:49	0° Y	
minimum elong	-4209 Nov 23 j 08:32	0° M 39'06	1°16'49	asc. node	-4206 May 05 j 04:14	14° Y 58'45	
	-4209 Nov 24 j 09:42	30° R $\underline{\text{A}}$			-4206 May 17 j 09:05	0° B	
morning rise	-4209 Nov 29 j 10:48	27° $\underline{\text{A}}$ 01'20		evening rise	-4206 May 22 j 12:28	6° B 20'09	
direct	-4209 Dec 13 j 19:01	22° $\underline{\text{A}}$ 51'42			-4206 Jun 10 j 16:47	0° II	
greatest brilliancy	-4209 Dec 23 j 02:21	24° $\underline{\text{A}}$ 30'27	-4.9m		-4206 Jul 04 j 23:37	0° G	
	-4208 Jan 03 j 06:07	0° M			-4206 Jul 29 j 07:13	0° Ω	
morning max el	-4208 Feb 01 j 07:05	24° M 11'52	46°13'57		-4206 Aug 22 j 17:50	0° M	
	-4208 Feb 07 j 03:32	0° X		desc. node	-4206 Aug 24 j 23:59	2° M 45'29	
	-4208 Mar 06 j 08:28	0° Z			-4206 Sep 16 j 10:25	0° $\underline{\text{A}}$	
desc. node	-4208 Mar 09 j 06:47	3° Z 14'59			-4206 Oct 11 j 14:20	0° M	
	-4208 Apr 01 j 21:21	0° \approx			-4206 Nov 06 j 19:28	0° X	
	-4208 Apr 27 j 14:27	0° H		evening max el	-4206 Nov 23 j 00:39	17° X 17'03	46°55'17
	-4208 May 22 j 18:07	0° Y			-4206 Dec 06 j 04:40	0° Z	
	-4208 Jun 16 j 10:55	0° B		asc. node	-4206 Dec 15 j 19:53	8° Z 07'11	
asc. node	-4208 Jun 30 j 02:39	16° B 47'44		greatest brilliancy	-4205 Jan 01 j 16:18	18° Z 18'46	-4.8m
	-4208 Jul 10 j 18:26	0° II		retrograde	-4205 Jan 12 j 15:12	20° Z 34'12	
morning set	-4208 Jul 27 j 06:10	20° II 34'07		evening set	-4205 Jan 30 j 02:33	14° Z 33'55	
	-4208 Aug 03 j 18:44	0° G		inferior conj	-4205 Feb 02 j 21:11	12° Z 10'16	8°12'11
	-4208 Aug 27 j 14:36	0° Ω		minimum elong	-4205 Feb 02 j 18:09	12° Z 15'08	8°11'52
max. Earth dist.	-4208 Sep 03 j 02:15	8° Ω 10'56	1.70983 AU	min. Earth dist.	-4205 Feb 02 j 06:51	12° Z 33'17	0.28861 AU
				morning rise	-4205 Feb 06 j 10:04	9° Z 56'09	
superior conj	-4208 Sep 03 j 16:51	8° Ω 57'01	1°20'46	direct	-4205 Feb 24 j 05:20	3° Z 53'13	
minimum elong	-4208 Sep 03 j 22:34	9° Ω 15'01	1°20'50	greatest brilliancy	-4205 Mar 05 j 05:30	5° Z 22'51	-4.7m
	-4208 Sep 20 j 09:11	0° M		desc. node	-4205 Apr 06 j 18:08	26° Z 59'58	
	-4208 Oct 14 j 05:01	0° $\underline{\text{A}}$			-4205 Apr 10 j 01:24	0° \approx	
evening rise	-4208 Oct 15 j 01:36	1° $\underline{\text{A}}$ 04'41		morning max el	-4205 Apr 13 j 23:24	3° \approx 40'11	45°49'18
desc. node	-4208 Oct 19 j 22:42	7° $\underline{\text{A}}$ 12'17			-4205 May 09 j 17:51	0° H	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4205 Jun 05 j 15:06	0°♊			-4202 Jan 07 j 06:24	0°♊	
	-4205 Jul 01 j 05:35	0°♋		asc. node	-4202 Jan 12 j 07:21	5°♊33'20	
	-4205 Jul 26 j 00:39	0°♌		evening max el	-4202 Feb 01 j 18:51	26°♊50'18	45°30'14
asc. node	-4205 Jul 28 j 14:35	3°♌09'57			-4202 Feb 05 j 01:46	0°♋	
	-4205 Aug 19 j 06:24	0°♍		greatest brilliancy	-4202 Mar 11 j 17:53	24°♋53'42	-4.7m
	-4205 Sep 12 j 04:04	0°♎		retrograde	-4202 Mar 22 j 11:03	26°♋58'33	
	-4205 Oct 05 j 22:27	0°♏		evening set	-4202 Apr 07 j 13:07	22°♋01'36	
morning set	-4205 Oct 10 j 09:43	5°♏38'42		inferior conj	-4202 Apr 12 j 22:29	18°♋45'26	4°35'20
	-4205 Oct 29 j 17:15	0°♐		minimum elong	-4202 Apr 13 j 06:48	18°♋32'25	4°33'21
desc. node	-4205 Nov 17 j 11:07	23°♐33'17		min. Earth dist.	-4202 Apr 13 j 15:50	18°♋18'15	0.29213 AU
				morning rise	-4202 Apr 19 j 00:03	15°♋04'54	
superior conj	-4205 Nov 21 j 09:55	28°♐30'16	-0°09'13	desc. node	-4202 May 04 j 05:29	10°♋20'12	
minimum elong	-4205 Nov 21 j 07:23	28°♐22'19	0°09'11	direct	-4202 May 04 j 17:47	10°♋19'54	
behind sun begin	-4205 Nov 20 j 08:42	27°♐11'15		greatest brilliancy	-4202 May 15 j 13:59	12°♋25'31	-4.7m
behind sun end	-4205 Nov 22 j 06:04	29°♐33'22			-4202 Jun 11 j 09:50	0°♌	
	-4205 Nov 22 j 14:35	0°♍		morning max el	-4202 Jun 22 j 22:58	10°♌35'05	46°04'00
max. Earth dist.	-4205 Nov 26 j 15:02	5°♍01'50	1.71470 AU		-4202 Jul 11 j 21:25	0°♍	
	-4205 Dec 16 j 15:06	0°♎			-4202 Aug 07 j 13:51	0°♌	
evening rise	-4204 Jan 02 j 01:39	20°♎25'48		asc. node	-4202 Aug 25 j 02:27	20°♌45'47	
	-4204 Jan 09 j 18:59	0°♏			-4202 Sep 01 j 17:45	0°♍	
	-4204 Feb 03 j 02:49	0°♐			-4202 Sep 26 j 02:54	0°♎	
	-4204 Feb 27 j 16:03	0°♋			-4202 Oct 20 j 03:20	0°♏	
asc. node	-4204 Mar 09 j 05:32	12°♋47'53			-4202 Nov 13 j 01:43	0°♐	
	-4204 Mar 23 j 12:51	0°♌			-4202 Dec 07 j 01:48	0°♑	
	-4204 Apr 17 j 20:17	0°♍		desc. node	-4202 Dec 14 j 23:23	9°♑50'21	
	-4204 May 13 j 19:49	0°♎		morning set	-4202 Dec 26 j 19:27	24°♑33'06	
	-4204 Jun 10 j 01:23	0°♏			-4202 Dec 31 j 04:48	0°♒	
evening max el	-4204 Jun 27 j 20:04	18°♏07'24	46°22'09		-4201 Jan 24 j 10:28	0°♓	
desc. node	-4204 Jun 29 j 02:17	19°♏20'24					
	-4204 Jul 10 j 17:57	0°♐		superior conj	-4201 Feb 04 j 23:02	14°♓13'38	-1°22'51
greatest brilliancy	-4204 Aug 07 j 15:39	17°♐48'12	-4.9m	minimum elong	-4201 Feb 04 j 20:30	14°♓05'48	1°23'02
retrograde	-4204 Aug 16 j 14:16	19°♐17'13		max. Earth dist.	-4201 Feb 07 j 05:51	17°♓02'36	1.73101 AU
evening set	-4204 Sep 03 j 05:57	13°♐28'26			-4201 Feb 17 j 18:16	0°♔	
inferior conj	-4204 Sep 06 j 07:46	11°♐37'59	-8°31'20		-4201 Mar 14 j 04:03	0°♋	
minimum elong	-4204 Sep 06 j 14:38	11°♐27'35	8°30'29	evening rise	-4201 Mar 14 j 14:53	0°♋33'13	
min. Earth dist.	-4204 Sep 06 j 17:37	11°♐23'02	0.26761 AU	greatest brilliancy	-4201 Mar 15 j 18:19	1°♋57'18	-3.9m
morning rise	-4204 Sep 09 j 23:08	9°♐27'25		asc. node	-4201 Apr 06 j 17:55	28°♋52'24	
direct	-4204 Sep 26 j 19:14	3°♐58'55			-4201 Apr 07 j 16:03	0°♌	
greatest brilliancy	-4204 Oct 07 j 12:33	6°♐09'10	-4.9m		-4201 May 02 j 06:36	0°♍	
asc. node	-4204 Oct 19 j 23:05	13°♐03'28			-4201 May 27 j 00:24	0°♎	
	-4204 Nov 08 j 22:39	0°♏			-4201 Jun 20 j 23:05	0°♏	
morning max el	-4204 Nov 16 j 12:42	7°♏32'18	46°48'43		-4201 Jul 16 j 06:24	0°♐	
	-4204 Dec 07 j 10:31	0°♐		desc. node	-4201 Jul 27 j 13:58	13°♐11'20	
	-4203 Jan 02 j 15:52	0°♑			-4201 Aug 11 j 06:37	0°♑	
	-4203 Jan 28 j 04:10	0°♒			-4201 Sep 07 j 22:42	0°♑	
desc. node	-4203 Feb 08 j 21:14	13°♒54'01		evening max el	-4201 Sep 10 j 08:51	2°♑27'49	47°34'24
	-4203 Feb 22 j 09:13	0°♓			-4201 Oct 12 j 21:02	0°♒	
	-4203 Mar 19 j 09:28	0°♔		greatest brilliancy	-4201 Oct 21 j 07:08	4°♒07'32	-4.9m
	-4203 Apr 13 j 05:11	0°♋		retrograde	-4201 Oct 31 j 08:50	6°♒04'59	
	-4203 May 07 j 20:06	0°♌		evening set	-4201 Nov 14 j 20:23	1°♒48'50	
morning set	-4203 May 17 j 12:35	11°♌52'26		asc. node	-4201 Nov 17 j 10:26	0°♓19'39	
	-4203 Jun 01 j 05:56	0°♍			-4201 Nov 17 j 23:31	30°♓	
asc. node	-4203 Jun 01 j 16:35	0°♍32'52		min. Earth dist.	-4201 Nov 20 j 06:05	28°♓36'13	0.26738 AU
max. Earth dist.	-4203 Jun 18 j 04:15	20°♍57'28	1.72628 AU	inferior conj	-4201 Nov 21 j 00:30	28°♓07'39	0°54'37
				minimum elong	-4201 Nov 20 j 22:30	28°♓10'45	0°53'54
superior conj	-4203 Jun 22 j 14:13	26°♍26'34	0°46'28	morning rise	-4201 Nov 27 j 01:24	24°♓32'59	
minimum elong	-4203 Jun 22 j 06:16	26°♍01'52	0°46'19	direct	-4201 Dec 11 j 08:15	20°♓25'39	
	-4203 Jun 25 j 10:52	0°♎		greatest brilliancy	-4201 Dec 20 j 15:50	22°♓05'10	-4.9m
	-4203 Jul 19 j 11:57	0°♏			-4200 Jan 04 j 10:31	0°♓	
evening rise	-4203 Jul 29 j 03:21	12°♏03'58		morning max el	-4200 Jan 29 j 21:59	21°♓54'09	46°15'15
	-4203 Aug 12 j 11:02	0°♐			-4200 Feb 07 j 00:29	0°♔	
	-4203 Sep 05 j 10:17	0°♑			-4200 Mar 06 j 00:04	0°♕	
desc. node	-4203 Sep 21 j 12:23	20°♑04'48		desc. node	-4200 Mar 08 j 09:01	2°♕38'32	
	-4203 Sep 29 j 11:39	0°♒			-4200 Apr 01 j 10:46	0°♔	
	-4203 Oct 23 j 16:53	0°♓			-4200 Apr 27 j 02:44	0°♋	
	-4203 Nov 17 j 04:35	0°♔			-4200 May 22 j 05:48	0°♌	
	-4203 Dec 12 j 04:33	0°♕			-4200 Jun 15 j 22:16	0°♍	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4200 Jun 29 j 04:40	16°♌19'16		greatest brilliancy	-4198 Dec 30 j 09:55	16°♊06'35	-4.8m
	-4200 Jul 10 j 05:38	0°♈		retrograde	-4197 Jan 10 j 07:28	18°♊21'18	
morning set	-4200 Jul 24 j 21:41	18°♈17'40		evening set	-4197 Jan 27 j 17:26	12°♊24'04	
	-4200 Aug 03 j 05:51	0°♉		min. Earth dist.	-4197 Jan 30 j 22:31	10°♊22'17	0.28805 AU
	-4200 Aug 27 j 01:46	0°♈		inferior conj	-4197 Jan 31 j 13:44	9°♊57'49	8°09'10
max. Earth dist.	-4200 Aug 31 j 07:43	5°♈21'30	1.71010 AU	minimum elong	-4197 Jan 31 j 10:02	10°♊03'47	8°08'46
				morning rise	-4197 Feb 04 j 02:56	7°♊43'05	
superior conj	-4200 Sep 01 j 05:36	6°♈30'30	1°21'41	direct	-4197 Feb 21 j 20:49	1°♊41'44	
minimum elong	-4200 Sep 01 j 10:26	6°♈45'47	1°21'48	greatest brilliancy	-4197 Mar 02 j 20:41	3°♊10'53	-4.7m
	-4200 Sep 19 j 20:26	0°♈		desc. node	-4197 Apr 05 j 20:17	26°♊06'24	
evening rise	-4200 Oct 12 j 10:26	28°♈25'55			-4197 Apr 10 j 01:26	0°♈	
	-4200 Oct 13 j 16:23	0°♈		morning max el	-4197 Apr 11 j 14:00	1°♈26'27	45°49'31
desc. node	-4200 Oct 19 j 00:52	6°♈43'22			-4197 May 09 j 10:09	0°♈	
	-4200 Nov 06 j 15:02	0°♈			-4197 Jun 05 j 04:49	0°♈	
	-4200 Nov 30 j 17:17	0°♈			-4197 Jun 30 j 18:07	0°♈	
	-4200 Dec 25 j 00:35	0°♈			-4197 Jul 25 j 12:33	0°♈	
	-4199 Jan 18 j 16:13	0°♈		asc. node	-4197 Jul 27 j 16:46	2°♈40'12	
asc. node	-4199 Feb 08 j 19:24	25°♈10'34			-4197 Aug 18 j 18:01	0°♈	
	-4199 Feb 12 j 22:07	0°♈		greatest brilliancy	-4197 Aug 24 j 11:14	7°♈08'53	-3.9m
	-4199 Mar 11 j 05:18	0°♈			-4197 Sep 11 j 15:33	0°♈	
	-4199 Apr 08 j 17:07	0°♈			-4197 Oct 05 j 09:52	0°♈	
evening max el	-4199 Apr 13 j 19:02	4°♈54'40	45°10'40	morning set	-4197 Oct 07 j 20:17	3°♈04'29	
	-4199 May 16 j 15:10	0°♈			-4197 Oct 29 j 04:37	0°♈	
greatest brilliancy	-4199 May 21 j 19:15	2°♈10'48	-4.7m	desc. node	-4197 Nov 16 j 13:09	23°♈04'11	
desc. node	-4199 May 31 j 16:55	4°♈03'56					
retrograde	-4199 Jun 01 j 03:22	4°♈04'09		superior conj	-4197 Nov 18 j 19:06	25°♈53'15	-0°05'16
	-4199 Jun 15 j 19:29	30°♈		minimum elong	-4197 Nov 18 j 17:38	25°♈48'38	0°05'16
evening set	-4199 Jun 16 j 06:55	29°♈44'50		behind sun begin	-4197 Nov 17 j 15:43	24°♈27'27	
inferior conj	-4199 Jun 22 j 08:03	26°♈12'47	-4°50'47	behind sun end	-4197 Nov 19 j 19:32	27°♈09'49	
minimum elong	-4199 Jun 21 j 22:42	26°♈27'03	4°48'18		-4197 Nov 22 j 01:53	0°♈	
min. Earth dist.	-4199 Jun 22 j 16:30	25°♈59'53	0.28067 AU	max. Earth dist.	-4197 Nov 23 j 21:52	2°♈17'41	1.71412 AU
morning rise	-4199 Jun 27 j 13:58	23°♈05'59			-4197 Dec 16 j 02:21	0°♈	
direct	-4199 Jul 13 j 18:39	18°♈09'41		evening rise	-4197 Dec 30 j 13:46	17°♈59'36	
greatest brilliancy	-4199 Jul 24 j 19:17	20°♈22'37	-4.8m		-4196 Jan 09 j 06:14	0°♈	
	-4199 Aug 10 j 05:23	0°♈			-4196 Feb 02 j 14:10	0°♈	
morning max el	-4199 Sep 02 j 00:27	20°♈24'36	46°40'27		-4196 Feb 27 j 03:37	0°♈	
	-4199 Sep 11 j 06:13	0°♈		asc. node	-4196 Mar 08 j 07:41	12°♈18'54	
asc. node	-4199 Sep 21 j 13:59	11°♈16'47			-4196 Mar 23 j 00:55	0°♈	
	-4199 Oct 07 j 22:11	0°♈			-4196 Apr 17 j 09:18	0°♈	
	-4199 Nov 02 j 01:00	0°♈			-4196 May 13 j 10:40	0°♈	
	-4199 Nov 26 j 14:36	0°♈			-4196 Jun 09 j 20:16	0°♈	
	-4199 Dec 21 j 00:57	0°♈		evening max el	-4196 Jun 25 j 07:52	15°♈41'13	46°18'56
desc. node	-4198 Jan 11 j 11:27	26°♈18'14		desc. node	-4196 Jun 28 j 04:23	18°♈25'34	
	-4198 Jan 14 j 11:50	0°♈			-4196 Jul 11 j 03:27	0°♈	
	-4198 Feb 07 j 23:48	0°♈		greatest brilliancy	-4196 Aug 05 j 03:03	15°♈19'26	-4.9m
	-4198 Mar 04 j 12:07	0°♈		retrograde	-4196 Aug 14 j 02:03	16°♈48'58	
morning set	-4198 Mar 09 j 06:11	5°♈49'05		evening set	-4196 Aug 31 j 20:08	10°♈56'38	
	-4198 Mar 28 j 23:59	0°♈		inferior conj	-4196 Sep 03 j 19:55	9°♈09'22	-8°38'14
max. Earth dist.	-4198 Apr 13 j 01:31	18°♈28'29	1.73725 AU	minimum elong	-4196 Sep 04 j 01:59	9°♈00'12	8°37'32
				min. Earth dist.	-4196 Sep 04 j 06:00	8°♈54'08	0.26805 AU
superior conj	-4198 Apr 14 j 14:27	20°♈21'45	-0°43'45	morning rise	-4196 Sep 07 j 07:41	7°♈04'17	
minimum elong	-4198 Apr 14 j 21:54	20°♈44'39	0°43'29	direct	-4196 Sep 24 j 07:47	1°♈29'20	
	-4198 Apr 22 j 10:48	0°♈		greatest brilliancy	-4196 Oct 05 j 02:23	3°♈40'56	-4.9m
asc. node	-4198 May 04 j 06:19	14°♈31'20		asc. node	-4196 Oct 19 j 01:12	11°♈40'08	
	-4198 May 16 j 20:09	0°♈			-4196 Nov 09 j 00:47	0°♈	
evening rise	-4198 May 20 j 07:51	4°♈17'48		morning max el	-4196 Nov 14 j 02:15	5°♈04'54	46°49'32
	-4198 Jun 10 j 04:03	0°♈			-4196 Dec 07 j 04:07	0°♈	
	-4198 Jul 04 j 11:13	0°♈			-4195 Jan 02 j 06:30	0°♈	
	-4198 Jul 28 j 19:16	0°♈			-4195 Jan 27 j 17:17	0°♈	
	-4198 Aug 22 j 06:27	0°♈		desc. node	-4195 Feb 07 j 23:29	13°♈23'06	
desc. node	-4198 Aug 24 j 02:12	2°♈13'30			-4195 Feb 21 j 21:25	0°♈	
	-4198 Sep 15 j 23:52	0°♈			-4195 Mar 18 j 21:06	0°♈	
	-4198 Oct 11 j 05:11	0°♈			-4195 Apr 12 j 16:27	0°♈	
	-4198 Nov 06 j 13:23	0°♈			-4195 May 07 j 07:09	0°♈	
evening max el	-4198 Nov 20 j 15:28	14°♈56'59	46°58'03	morning set	-4195 May 15 j 07:33	9°♈49'31	
	-4198 Dec 06 j 09:52	0°♈		asc. node	-4195 May 31 j 18:36	0°♈05'15	
asc. node	-4198 Dec 14 j 21:53	6°♈56'36			-4195 May 31 j 16:54	0°♈	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4195 Jun 16 j 01:07	18° C 59'07	1.72686 AU	inferior conj	-4193 Nov 18 j 13:30	25° A 40'19	0°31'10
				minimum elong	-4193 Nov 18 j 12:21	25° A 42'06	0°30'43
superior conj	-4195 Jun 20 j 08:10	24° C 19'03	0°43'49	morning rise	-4193 Nov 24 j 15:38	22° A 04'24	
minimum elong	-4195 Jun 20 j 00:32	23° C 55'20	0°43'39	direct	-4193 Dec 08 j 21:29	17° A 59'30	
	-4195 Jun 24 j 21:52	0° II		greatest brilliancy	-4193 Dec 18 j 05:13	19° A 39'28	-4.9m
	-4195 Jul 18 j 23:05	0° C			-4192 Jan 05 j 07:17	0° M	
evening rise	-4195 Jul 26 j 19:03	9° C 47'55		morning max el	-4192 Jan 27 j 12:05	19° M 34'21	46°16'30
	-4195 Aug 11 j 22:21	0° Q			-4192 Feb 06 j 20:43	0° X	
	-4195 Sep 04 j 21:51	0° M			-4192 Mar 05 j 15:22	0° C	
desc. node	-4195 Sep 20 j 14:29	19° M 34'38		desc. node	-4192 Mar 07 j 11:04	2° C 02'05	
	-4195 Sep 28 j 23:32	0° A			-4192 Mar 31 j 23:58	0° \approx	
	-4195 Oct 23 j 05:09	0° M			-4192 Apr 26 j 14:50	0° X	
	-4195 Nov 16 j 17:25	0° X			-4192 May 21 j 17:17	0° Y	
	-4195 Dec 11 j 18:22	0° C			-4192 Jun 15 j 09:26	0° C	
	-4194 Jan 06 j 22:31	0° \approx		asc. node	-4192 Jun 28 j 06:53	15° C 52'00	
asc. node	-4194 Jan 11 j 09:36	4° \approx 53'35			-4192 Jul 09 j 16:39	0° II	
evening max el	-4194 Jan 30 j 10:51	24° \approx 39'14	45°32'38	morning set	-4192 Jul 22 j 13:14	16° II 01'52	
	-4194 Feb 05 j 01:28	0° X			-4192 Aug 02 j 16:52	0° C	
greatest brilliancy	-4194 Mar 09 j 09:49	22° X 46'03	-4.7m		-4192 Aug 26 j 12:49	0° Q	
retrograde	-4194 Mar 20 j 04:32	24° X 52'05		max. Earth dist.	-4192 Aug 28 j 10:44	2° Q 24'44	1.71044 AU
evening set	-4194 Apr 05 j 08:21	19° X 51'15					
inferior conj	-4194 Apr 10 j 15:24	16° X 38'01	4°50'41	superior conj	-4192 Aug 29 j 18:22	4° Q 04'30	1°22'27
minimum elong	-4194 Apr 10 j 23:56	16° X 24'38	4°48'41	minimum elong	-4192 Aug 29 j 22:21	4° Q 17'02	1°22'35
min. Earth dist.	-4194 Apr 11 j 07:57	16° X 12'03	0.29240 AU		-4192 Sep 19 j 07:35	0° M	
morning rise	-4194 Apr 16 j 15:14	13° X 00'01		evening rise	-4192 Oct 09 j 19:00	25° M 46'42	
direct	-4194 May 02 j 11:07	8° X 12'08			-4192 Oct 13 j 03:38	0° A	
desc. node	-4194 May 03 j 07:32	8° X 12'58		desc. node	-4192 Oct 18 j 02:51	6° A 14'15	
greatest brilliancy	-4194 May 13 j 05:33	10° X 16'38	-4.7m		-4192 Nov 06 j 02:23	0° M	
	-4194 Jun 11 j 13:27	0° Y			-4192 Nov 30 j 04:45	0° X	
morning max el	-4194 Jun 20 j 16:16	8° Y 27'20	46°02'50		-4192 Dec 24 j 12:18	0° C	
	-4194 Jul 11 j 14:31	0° C			-4191 Jan 18 j 04:24	0° \approx	
	-4194 Aug 07 j 03:59	0° II		asc. node	-4191 Feb 07 j 21:33	24° \approx 38'50	
asc. node	-4194 Aug 24 j 04:39	20° II 12'50			-4191 Feb 12 j 11:18	0° X	
	-4194 Sep 01 j 06:36	0° C			-4191 Mar 10 j 20:38	0° Y	
	-4194 Sep 25 j 15:05	0° Q			-4191 Apr 08 j 14:30	0° C	
	-4194 Oct 19 j 15:09	0° M		evening max el	-4191 Apr 11 j 09:42	2° C 41'10	45°09'47
	-4194 Nov 12 j 13:18	0° A		greatest brilliancy	-4191 May 19 j 09:39	29° C 57'06	-4.7m
	-4194 Dec 06 j 13:13	0° M			-4191 May 19 j 12:58	0° II	
desc. node	-4194 Dec 14 j 01:24	9° M 21'19		retrograde	-4191 May 29 j 17:11	1° II 50'15	
morning set	-4194 Dec 24 j 06:19	22° M 02'45		desc. node	-4191 May 30 j 19:00	1° II 48'55	
	-4194 Dec 30 j 16:03	0° X			-4191 Jun 08 j 11:30	30° R C	
	-4193 Jan 23 j 21:33	0° C		evening set	-4191 Jun 13 j 19:40	27° C 33'14	
				inferior conj	-4191 Jun 19 j 22:49	23° C 58'28	-4°32'47
superior conj	-4193 Feb 02 j 13:46	11° C 56'57	-1°22'22	minimum elong	-4191 Jun 19 j 13:51	24° C 12'10	4°30'20
minimum elong	-4193 Feb 02 j 10:24	11° C 46'35	1°22'31	min. Earth dist.	-4191 Jun 20 j 08:00	23° C 44'26	0.28109 AU
max. Earth dist.	-4193 Feb 05 j 00:26	14° C 57'57	1.73053 AU	morning rise	-4191 Jun 25 j 07:25	20° C 47'28	
	-4193 Feb 17 j 05:14	0° \approx		direct	-4191 Jul 11 j 09:30	15° C 54'27	
evening rise	-4193 Mar 12 j 08:24	28° \approx 26'07		greatest brilliancy	-4191 Jul 22 j 11:10	18° C 07'33	-4.8m
	-4193 Mar 13 j 15:00	0° X			-4191 Aug 10 j 19:17	0° II	
greatest brilliancy	-4193 Mar 14 j 08:18	0° X 53'04	-3.9m	morning max el	-4191 Aug 30 j 13:30	18° II 00'42	46°39'15
asc. node	-4193 Apr 05 j 19:59	28° X 24'53			-4191 Sep 11 j 01:20	0° C	
	-4193 Apr 07 j 03:07	0° Y		asc. node	-4191 Sep 20 j 16:05	10° C 34'36	
	-4193 May 01 j 18:00	0° C			-4191 Oct 07 j 13:18	0° Q	
	-4193 May 26 j 12:20	0° II			-4191 Nov 01 j 14:28	0° M	
	-4193 Jun 20 j 11:51	0° C			-4191 Nov 26 j 03:09	0° A	
	-4193 Jul 15 j 20:31	0° Q			-4191 Dec 20 j 12:54	0° M	
desc. node	-4193 Jul 26 j 16:10	12° Q 34'17		desc. node	-4190 Jan 10 j 13:42	25° M 49'41	
	-4193 Aug 10 j 23:14	0° M			-4190 Jan 13 j 23:21	0° X	
	-4193 Sep 07 j 21:30	0° A			-4190 Feb 07 j 10:58	0° C	
evening max el	-4193 Sep 08 j 00:10	0° A 06'41	47°33'28		-4190 Mar 03 j 23:03	0° \approx	
	-4193 Oct 14 j 23:36	0° M		morning set	-4190 Mar 06 j 23:04	3° \approx 40'27	
greatest brilliancy	-4193 Oct 18 j 21:20	1° M 40'04	-4.9m		-4190 Mar 28 j 10:47	0° X	
retrograde	-4193 Oct 28 j 22:42	3° M 36'34		max. Earth dist.	-4190 Apr 10 j 20:57	16° X 27'53	1.73730 AU
	-4193 Nov 11 j 04:31	30° R A					
evening set	-4193 Nov 12 j 09:56	29° A 20'48		superior conj	-4190 Apr 12 j 09:11	18° X 19'02	-0°46'19
asc. node	-4193 Nov 16 j 12:30	26° A 56'08		minimum elong	-4190 Apr 12 j 16:56	18° X 42'47	0°46'03
min. Earth dist.	-4193 Nov 17 j 19:54	26° A 07'38	0.26688 AU		-4190 Apr 21 j 21:33	0° Y	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4190 May 03 j 08:22	14° Υ 04'35			-4188 Sep 15 j 00:30	30° \mathbb{R} \mathfrak{S}	
	-4190 May 16 j 06:57	0° \mathfrak{B}		direct	-4188 Sep 21 j 20:56	29° \mathfrak{S} 01'43	
evening rise	-4190 May 18 j 03:19	2° \mathfrak{B} 16'36			-4188 Sep 28 j 22:13	0° Ω	
	-4190 Jun 09 j 15:01	0° Π		greatest brilliancy	-4188 Oct 02 j 15:34	1° Ω 13'43	-4.9m
	-4190 Jul 03 j 22:30	0° \mathfrak{S}		asc. node	-4188 Oct 18 j 03:19	10° Ω 21'02	
	-4190 Jul 28 j 07:01	0° Ω			-4188 Nov 09 j 01:06	0° \mathbb{M}	
	-4190 Aug 21 j 18:51	0° \mathbb{M}		morning max el	-4188 Nov 11 j 16:35	2° \mathbb{M} 40'50	46°50'02
desc. node	-4190 Aug 23 j 04:16	1° \mathbb{M} 41'53			-4188 Dec 06 j 21:01	0° $\underline{\mathfrak{L}}$	
	-4190 Sep 15 j 13:10	0° $\underline{\mathfrak{L}}$			-4187 Jan 01 j 20:43	0° \mathbb{M}	
	-4190 Oct 10 j 20:00	0° \mathbb{M}			-4187 Jan 27 j 06:07	0° \mathfrak{X}	
	-4190 Nov 06 j 07:34	0° \mathfrak{X}		desc. node	-4187 Feb 07 j 01:31	12° \mathfrak{X} 52'11	
evening max el	-4190 Nov 18 j 05:35	12° \mathfrak{X} 35'21	47°00'51		-4187 Feb 21 j 09:24	0° \mathfrak{Z}	
	-4190 Dec 06 j 17:07	0° \mathfrak{Z}			-4187 Mar 18 j 08:30	0° \approx	
asc. node	-4190 Dec 14 j 00:08	5° \mathfrak{Z} 44'43			-4187 Apr 12 j 03:28	0° \mathfrak{H}	
greatest brilliancy	-4190 Dec 28 j 03:09	13° \mathfrak{Z} 53'42	-4.8m		-4187 May 06 j 17:57	0° Υ	
retrograde	-4189 Jan 07 j 23:44	16° \mathfrak{Z} 08'10		morning set	-4187 May 13 j 02:20	7° Υ 46'46	
evening set	-4189 Jan 25 j 07:47	10° \mathfrak{Z} 14'07		asc. node	-4187 May 30 j 20:47	29° Υ 38'52	
min. Earth dist.	-4189 Jan 28 j 13:57	8° \mathfrak{Z} 10'54	0.28745 AU		-4187 May 31 j 03:38	0° \mathfrak{B}	
inferior conj	-4189 Jan 29 j 06:02	7° \mathfrak{Z} 45'05	8°05'22	max. Earth dist.	-4187 Jun 13 j 20:34	16° \mathfrak{B} 57'15	1.72742 AU
minimum elong	-4189 Jan 29 j 01:40	7° \mathfrak{Z} 52'05	8°04'52				
morning rise	-4189 Feb 01 j 19:51	5° \mathfrak{Z} 29'25		superior conj	-4187 Jun 18 j 02:05	22° \mathfrak{B} 12'09	0°41'05
	-4189 Feb 14 j 11:26	30° \mathbb{R} \mathfrak{X}		minimum elong	-4187 Jun 17 j 18:48	21° \mathfrak{B} 49'31	0°40'55
direct	-4189 Feb 19 j 11:42	29° \mathfrak{X} 29'53			-4187 Jun 24 j 08:40	0° Π	
	-4189 Feb 24 j 15:24	0° \mathfrak{Z}			-4187 Jul 18 j 10:00	0° \mathfrak{S}	
greatest brilliancy	-4189 Feb 28 j 11:48	0° \mathfrak{Z} 59'00	-4.7m	evening rise	-4187 Jul 24 j 10:58	7° \mathfrak{S} 33'14	
desc. node	-4189 Apr 04 j 22:22	25° \mathfrak{Z} 14'22			-4187 Aug 11 j 09:27	0° Ω	
morning max el	-4189 Apr 09 j 04:51	29° \mathfrak{Z} 13'57	45°49'51		-4187 Sep 04 j 09:09	0° \mathbb{M}	
	-4189 Apr 10 j 00:09	0° \approx		desc. node	-4187 Sep 19 j 16:31	19° \mathbb{M} 05'16	
	-4189 May 09 j 01:53	0° \mathfrak{H}			-4187 Sep 28 j 11:06	0° $\underline{\mathfrak{L}}$	
	-4189 Jun 04 j 18:08	0° Υ			-4187 Oct 22 j 17:06	0° \mathbb{M}	
	-4189 Jun 30 j 06:16	0° \mathfrak{B}			-4187 Nov 16 j 05:57	0° \mathfrak{X}	
	-4189 Jul 25 j 00:06	0° Π			-4187 Dec 11 j 08:01	0° \mathfrak{Z}	
asc. node	-4189 Jul 26 j 18:56	2° Π 11'31			-4186 Jan 06 j 14:41	0° \approx	
	-4189 Aug 18 j 05:16	0° \mathfrak{S}		asc. node	-4186 Jan 10 j 11:45	4° \approx 13'44	
greatest brilliancy	-4189 Aug 28 j 08:53	12° \mathfrak{S} 42'35	-3.9m	evening max el	-4186 Jan 28 j 03:23	22° \approx 29'41	45°34'57
	-4189 Sep 11 j 02:40	0° Ω			-4186 Feb 05 j 02:11	0° \mathfrak{H}	
	-4189 Oct 04 j 20:57	0° \mathbb{M}		greatest brilliancy	-4186 Mar 07 j 02:15	20° \mathfrak{H} 39'01	-4.7m
morning set	-4189 Oct 05 j 07:05	0° \mathbb{M} 31'59		retrograde	-4186 Mar 17 j 21:41	22° \mathfrak{H} 45'22	
	-4189 Oct 28 j 15:41	0° $\underline{\mathfrak{L}}$		evening set	-4186 Apr 03 j 03:33	17° \mathfrak{H} 40'54	
desc. node	-4189 Nov 15 j 15:15	22° $\underline{\mathfrak{L}}$ 36'04		inferior conj	-4186 Apr 08 j 08:12	14° \mathfrak{H} 30'33	5°05'42
				minimum elong	-4186 Apr 08 j 16:55	14° \mathfrak{H} 16'50	5°03'43
superior conj	-4189 Nov 16 j 03:53	23° $\underline{\mathfrak{L}}$ 15'44	-0°01'15	min. Earth dist.	-4186 Apr 08 j 23:54	14° \mathfrak{H} 05'52	0.29263 AU
minimum elong	-4189 Nov 16 j 03:31	23° $\underline{\mathfrak{L}}$ 14'32	0°01'17	morning rise	-4186 Apr 14 j 06:07	10° \mathfrak{H} 55'06	
behind sun begin	-4189 Nov 15 j 00:28	21° $\underline{\mathfrak{L}}$ 49'42		direct	-4186 Apr 30 j 04:28	6° \mathfrak{H} 04'31	
behind sun end	-4189 Nov 17 j 06:33	24° $\underline{\mathfrak{L}}$ 39'20		desc. node	-4186 May 02 j 09:39	6° \mathfrak{H} 10'10	
max. Earth dist.	-4189 Nov 21 j 02:04	29° $\underline{\mathfrak{L}}$ 25'59	1.71365 AU	greatest brilliancy	-4186 May 10 j 20:23	8° \mathfrak{H} 07'05	-4.7m
	-4189 Nov 21 j 12:56	0° \mathbb{M}			-4186 Jun 11 j 15:23	0° Υ	
	-4189 Dec 15 j 13:23	0° \mathfrak{X}		morning max el	-4186 Jun 18 j 08:58	6° Υ 18'39	46°01'39
evening rise	-4189 Dec 28 j 01:11	15° \mathfrak{X} 31'56			-4186 Jul 11 j 07:08	0° \mathfrak{B}	
	-4188 Jan 08 j 17:16	0° \mathfrak{Z}			-4186 Aug 06 j 17:50	0° Π	
	-4188 Feb 02 j 01:16	0° \approx		asc. node	-4186 Aug 23 j 06:38	19° Π 39'54	
	-4188 Feb 26 j 14:58	0° \mathfrak{H}			-4186 Aug 31 j 19:14	0° \mathfrak{S}	
asc. node	-4188 Mar 07 j 09:43	11° \mathfrak{H} 50'16			-4186 Sep 25 j 03:03	0° Ω	
	-4188 Mar 22 j 12:47	0° Υ			-4186 Oct 19 j 02:44	0° \mathbb{M}	
	-4188 Apr 16 j 22:10	0° \mathfrak{B}			-4186 Nov 12 j 00:39	0° $\underline{\mathfrak{L}}$	
	-4188 May 13 j 01:27	0° Π			-4186 Dec 06 j 00:22	0° \mathbb{M}	
	-4188 Jun 09 j 15:20	0° \mathfrak{S}		desc. node	-4186 Dec 13 j 03:38	8° \mathbb{M} 53'45	
evening max el	-4188 Jun 22 j 20:42	13° \mathfrak{S} 18'47	46°15'54	morning set	-4186 Dec 21 j 17:30	19° \mathbb{M} 34'06	
desc. node	-4188 Jun 27 j 06:39	17° \mathfrak{S} 31'01			-4186 Dec 30 j 03:03	0° \mathfrak{X}	
	-4188 Jul 11 j 15:31	0° Ω			-4185 Jan 23 j 08:26	0° \mathfrak{Z}	
greatest brilliancy	-4188 Aug 02 j 13:55	12° Ω 51'46	-4.9m				
retrograde	-4188 Aug 11 j 14:32	14° Ω 22'27		superior conj	-4185 Jan 31 j 04:24	9° \mathfrak{Z} 40'28	-1°21'44
evening set	-4188 Aug 29 j 10:06	8° Ω 27'02		minimum elong	-4185 Jan 31 j 00:14	9° \mathfrak{Z} 27'37	1°21'53
inferior conj	-4188 Sep 01 j 08:11	6° Ω 42'26	-8°44'07	max. Earth dist.	-4185 Feb 02 j 20:15	12° \mathfrak{Z} 57'32	1.73008 AU
minimum elong	-4188 Sep 01 j 13:25	6° Ω 34'32	8°43'34		-4185 Feb 16 j 16:02	0° \approx	
min. Earth dist.	-4188 Sep 01 j 18:02	6° Ω 27'34	0.26847 AU	evening rise	-4185 Mar 10 j 01:36	26° \approx 18'26	
morning rise	-4188 Sep 04 j 16:36	4° Ω 42'30		greatest brilliancy	-4185 Mar 12 j 21:02	29° \approx 45'15	-3.9m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4185 Mar 13 j 01:50	0°𐌹			-4183 Aug 11 j 05:48	0°𐌹		
asc. node	-4185 Apr 04 j 22:04	27°𐌹57'43		morning max el	-4183 Aug 28 j 03:13	15°𐌹38'18	46°38'09	
	-4185 Apr 06 j 14:07	0°𐌹			-4183 Sep 10 j 20:04	0°𐌹		
	-4185 May 01 j 05:19	0°𐌸		asc. node	-4183 Sep 19 j 18:16	9°𐌹52'54		
	-4185 May 26 j 00:12	0°𐌹			-4183 Oct 07 j 04:20	0°𐌹		
	-4185 Jun 20 j 00:36	0°𐌹			-4183 Nov 01 j 03:56	0°𐌹		
	-4185 Jul 15 j 10:43	0°𐌹			-4183 Nov 25 j 15:46	0°𐌹		
desc. node	-4185 Jul 25 j 18:13	11°𐌹56'43			-4183 Dec 20 j 00:56	0°𐌹		
	-4185 Aug 10 j 16:07	0°𐌹		desc. node	-4182 Jan 09 j 15:43	25°𐌹20'11		
evening max el	-4185 Sep 05 j 15:10	27°𐌹44'56	47°32'23		-4182 Jan 13 j 10:56	0°𐌸		
	-4185 Sep 07 j 21:13	0°𐌹			-4182 Feb 06 j 22:12	0°𐌸		
greatest brilliancy	-4185 Oct 16 j 12:11	29°𐌹13'45	-4.9m		-4182 Mar 03 j 10:03	0°𐌹		
	-4185 Oct 18 j 20:38	0°𐌹		morning set	-4182 Mar 04 j 16:10	1°𐌹32'13		
retrograde	-4185 Oct 26 j 12:09	1°𐌹.08'25			-4182 Mar 27 j 21:39	0°𐌹		
	-4185 Nov 02 j 21:12	30°𐌹.𐌹		max. Earth dist.	-4182 Apr 08 j 17:42	14°𐌹31'06	1.73737 AU	
evening set	-4185 Nov 09 j 23:43	26°𐌹53'04						
min. Earth dist.	-4185 Nov 15 j 10:04	23°𐌹39'11	0.26636 AU	superior conj	-4182 Apr 10 j 04:12	16°𐌹16'55	-0°48'49	
asc. node	-4185 Nov 15 j 14:43	23°𐌹31'58		minimum elong	-4182 Apr 10 j 12:11	16°𐌹41'24	0°48'33	
inferior conj	-4185 Nov 16 j 02:33	23°𐌹13'36	0°07'33		-4182 Apr 21 j 08:24	0°𐌹		
minimum elong	-4185 Nov 16 j 02:16	23°𐌹14'02	0°07'24	asc. node	-4182 May 02 j 10:36	13°𐌹37'59		
transit middle	-4185 Nov 16 j 02:16	23°𐌹14'02	0°07'24	evening rise	-4182 May 15 j 23:02	0°𐌸15'47		
transit begin	-4185 Nov 15 j 22:38	23°𐌹19'40			-4182 May 15 j 17:54	0°𐌸		
transit end	-4185 Nov 16 j 05:54	23°𐌹08'24			-4182 Jun 09 j 02:11	0°𐌹		
morning rise	-4185 Nov 22 j 05:39	19°𐌹36'29			-4182 Jul 03 j 10:01	0°𐌹		
direct	-4185 Dec 06 j 10:22	15°𐌹34'02			-4182 Jul 27 j 19:01	0°𐌹		
greatest brilliancy	-4185 Dec 15 j 18:53	17°𐌹14'34	-4.9m		-4182 Aug 21 j 07:29	0°𐌹		
	-4184 Jan 05 j 22:23	0°𐌹		desc. node	-4182 Aug 22 j 06:19	1°𐌹09'29		
morning max el	-4184 Jan 25 j 01:14	17°𐌹12'42	46°17'47		-4182 Sep 15 j 02:45	0°𐌹		
	-4184 Feb 06 j 16:05	0°𐌸			-4182 Oct 10 j 11:13	0°𐌹		
	-4184 Mar 05 j 06:17	0°𐌸			-4182 Nov 06 j 02:25	0°𐌸		
desc. node	-4184 Mar 06 j 13:09	1°𐌸26'35		evening max el	-4182 Nov 15 j 20:17	10°𐌸14'32	47°03'41	
	-4184 Mar 31 j 12:58	0°𐌹			-4182 Dec 07 j 03:22	0°𐌸		
	-4184 Apr 26 j 02:51	0°𐌹		asc. node	-4182 Dec 13 j 02:19	4°𐌸30'03		
	-4184 May 21 j 04:45	0°𐌹		greatest brilliancy	-4182 Dec 25 j 20:02	11°𐌸39'39	-4.8m	
	-4184 Jun 14 j 20:35	0°𐌸		retrograde	-4181 Jan 05 j 16:30	13°𐌸54'33		
asc. node	-4184 Jun 27 j 09:01	15°𐌸24'30		evening set	-4181 Jan 22 j 21:59	8°𐌸03'48		
	-4184 Jul 09 j 03:39	0°𐌹		min. Earth dist.	-4181 Jan 26 j 05:17	5°𐌸59'10	0.28682 AU	
morning set	-4184 Jul 20 j 04:43	13°𐌹45'55		inferior conj	-4181 Jan 26 j 22:23	5°𐌸31'46	8°00'44	
	-4184 Aug 02 j 03:51	0°𐌹		minimum elong	-4181 Jan 26 j 17:23	5°𐌸39'46	8°00'09	
max. Earth dist.	-4184 Aug 25 j 14:43	29°𐌹31'07	1.71083 AU	morning rise	-4181 Jan 30 j 13:06	3°𐌸14'56		
	-4184 Aug 25 j 23:52	0°𐌹			-4181 Feb 05 j 12:17	30°𐌹.𐌸		
				direct	-4181 Feb 17 j 02:41	27°𐌸17'25		
superior conj	-4184 Aug 27 j 07:14	1°𐌹38'52	1°23'05	greatest brilliancy	-4181 Feb 26 j 02:44	28°𐌸46'34	-4.7m	
minimum elong	-4184 Aug 27 j 10:19	1°𐌹48'35	1°23'13		-4181 Mar 01 j 10:51	0°𐌸		
	-4184 Sep 18 j 18:45	0°𐌹		desc. node	-4181 Apr 04 j 00:32	24°𐌸23'14		
evening rise	-4184 Oct 07 j 03:43	23°𐌹07'50		morning max el	-4181 Apr 06 j 20:37	27°𐌸03'20	45°50'20	
	-4184 Oct 12 j 14:54	0°𐌹			-4181 Apr 09 j 22:07	0°𐌹		
desc. node	-4184 Oct 17 j 05:00	5°𐌹45'34			-4181 May 08 j 17:31	0°𐌹		
	-4184 Nov 05 j 13:45	0°𐌹			-4181 Jun 04 j 07:30	0°𐌹		
	-4184 Nov 29 j 16:13	0°𐌸			-4181 Jun 29 j 18:34	0°𐌸		
	-4184 Dec 23 j 23:59	0°𐌸			-4181 Jul 24 j 11:53	0°𐌹		
	-4183 Jan 17 j 16:34	0°𐌹		asc. node	-4181 Jul 25 j 20:58	1°𐌹41'35		
asc. node	-4183 Feb 06 j 23:35	24°𐌹𐌹06'51			-4181 Aug 17 j 16:48	0°𐌹		
	-4183 Feb 12 j 00:29	0°𐌹		greatest brilliancy	-4181 Aug 30 j 21:00	16°𐌹30'41	-3.9m	
	-4183 Mar 10 j 12:08	0°𐌹			-4181 Sep 10 j 14:06	0°𐌹		
	-4183 Apr 08 j 12:44	0°𐌸		morning set	-4181 Oct 02 j 17:55	27°𐌹58'42		
evening max el	-4183 Apr 08 j 23:59	0°𐌸26'44	45°08'52		-4181 Oct 04 j 08:19	0°𐌹		
greatest brilliancy	-4183 May 16 j 23:47	27°𐌸42'55	-4.7m		-4181 Oct 28 j 03:01	0°𐌹		
retrograde	-4183 May 27 j 07:14	29°𐌸36'28						
desc. node	-4183 May 29 j 21:16	29°𐌸28'46		superior conj	-4181 Nov 13 j 12:30	20°𐌹36'38	0°02'51	
evening set	-4183 Jun 11 j 08:37	25°𐌸21'06		minimum elong	-4181 Nov 13 j 13:15	20°𐌹39'01	0°02'44	
inferior conj	-4183 Jun 17 j 13:38	21°𐌸44'05	-4°14'15	behind sun begin	-4181 Nov 12 j 10:22	19°𐌹14'36		
minimum elong	-4183 Jun 17 j 05:07	21°𐌸57'05	4°11'53	behind sun end	-4181 Nov 14 j 16:09	22°𐌹03'23		
min. Earth dist.	-4183 Jun 17 j 23:39	21°𐌸28'47	0.28155 AU	desc. node	-4181 Nov 14 j 17:25	22°𐌹07'23		
morning rise	-4183 Jun 23 j 00:52	18°𐌸29'08		max. Earth dist.	-4181 Nov 18 j 07:44	26°𐌹37'57	1.71319 AU	
	-4183 Jul 09 j 00:13	13°𐌸38'53			-4181 Nov 21 j 00:15	0°𐌹		
direct	-4183 Jul 20 j 03:32	15°𐌸52'57	-4.8m		-4181 Dec 15 j 00:42	0°𐌸		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4181 Dec 25 j 12:36	13° ♁ 03'15			-4178 Jul 10 j 23:39	0° ♁	
	-4180 Jan 08 j 04:36	0° ♁			-4178 Aug 06 j 07:45	0° ♁	
	-4180 Feb 01 j 12:41	0° ♁		asc. node	-4178 Aug 22 j 08:53	19° ♁ 07'16	
	-4180 Feb 26 j 02:36	0° ♁			-4178 Aug 31 j 08:00	0° ♁	
asc. node	-4180 Mar 06 j 11:54	11° ♁ 21'13			-4178 Sep 24 j 15:15	0° ♁	
	-4180 Mar 22 j 00:56	0° ♁			-4178 Oct 18 j 14:38	0° ♁	
	-4180 Apr 16 j 11:20	0° ♁			-4178 Nov 11 j 12:21	0° ♁	
	-4180 May 12 j 16:38	0° ♁			-4178 Dec 05 j 11:55	0° ♁	
	-4180 Jun 09 j 11:14	0° ♁		desc. node	-4178 Dec 12 j 05:39	8° ♁ 24'17	
evening max el	-4180 Jun 20 j 10:30	10° ♁ 58'06	46°12'38	morning set	-4178 Dec 19 j 04:04	17° ♁ 02'12	
desc. node	-4180 Jun 26 j 08:39	16° ♁ 33'51			-4178 Dec 29 j 14:25	0° ♁	
	-4180 Jul 12 j 08:07	0° ♁			-4177 Jan 22 j 19:39	0° ♁	
greatest brilliancy	-4180 Jul 31 j 00:24	10° ♁ 22'51	-4.8m				
retrograde	-4180 Aug 09 j 03:00	11° ♁ 54'38		superior conj	-4177 Jan 28 j 18:29	7° ♁ 21'12	-1°20'56
evening set	-4180 Aug 26 j 23:38	5° ♁ 56'56		minimum elong	-4177 Jan 28 j 13:33	7° ♁ 05'57	1°21'05
inferior conj	-4180 Aug 29 j 20:23	4° ♁ 14'14	-8°48'54	max. Earth dist.	-4177 Jan 31 j 16:04	10° ♁ 56'00	1.72957 AU
minimum elong	-4180 Aug 30 j 00:46	4° ♁ 07'38	8°48'28		-4177 Feb 16 j 03:11	0° ♁	
min. Earth dist.	-4180 Aug 30 j 05:51	3° ♁ 59'58	0.26892 AU	evening rise	-4177 Mar 07 j 18:31	24° ♁ 08'49	
morning rise	-4180 Sep 02 j 01:47	2° ♁ 18'49		greatest brilliancy	-4177 Mar 11 j 06:15	28° ♁ 25'44	-3.9m
	-4180 Sep 06 j 07:39	30° ♁			-4177 Mar 12 j 13:00	0° ♁	
direct	-4180 Sep 19 j 10:30	26° ♁ 32'57		asc. node	-4177 Apr 04 j 00:17	27° ♁ 29'57	
greatest brilliancy	-4180 Sep 30 j 04:20	28° ♁ 44'36	-4.9m		-4177 Apr 06 j 01:26	0° ♁	
	-4180 Oct 03 j 02:01	0° ♁			-4177 Apr 30 j 16:57	0° ♁	
asc. node	-4180 Oct 17 j 05:33	9° ♁ 03'16			-4177 May 25 j 12:22	0° ♁	
	-4180 Nov 09 j 00:52	0° ♁			-4177 Jun 19 j 13:37	0° ♁	
morning max el	-4180 Nov 09 j 06:56	0° ♁ 15'30	46°50'31		-4177 Jul 15 j 01:11	0° ♁	
	-4180 Dec 06 j 14:01	0° ♁		desc. node	-4177 Jul 24 j 20:20	11° ♁ 18'45	
	-4179 Jan 01 j 11:09	0° ♁			-4177 Aug 10 j 09:25	0° ♁	
	-4179 Jan 26 j 19:13	0° ♁		evening max el	-4177 Sep 03 j 05:04	25° ♁ 20'03	47°30'57
desc. node	-4179 Feb 06 j 03:35	12° ♁ 20'33			-4177 Sep 07 j 22:12	0° ♁	
	-4179 Feb 20 j 21:39	0° ♁		greatest brilliancy	-4177 Oct 14 j 03:21	26° ♁ 46'53	-4.9m
	-4179 Mar 17 j 20:11	0° ♁		retrograde	-4177 Oct 24 j 00:58	28° ♁ 39'12	
	-4179 Apr 11 j 14:46	0° ♁		evening set	-4177 Nov 07 j 13:36	24° ♁ 23'47	
	-4179 May 06 j 05:02	0° ♁		min. Earth dist.	-4177 Nov 13 j 00:35	21° ♁ 08'59	0.26595 AU
morning set	-4179 May 10 j 21:36	5° ♁ 44'48		inferior conj	-4177 Nov 13 j 15:31	20° ♁ 45'46	-0°16'12
asc. node	-4179 May 29 j 22:56	29° ♁ 11'33		minimum elong	-4177 Nov 13 j 16:08	20° ♁ 44'50	0°16'04
	-4179 May 30 j 14:38	0° ♁		transit middle	-4177 Nov 13 j 16:08	20° ♁ 44'50	0°16'04
max. Earth dist.	-4179 Jun 11 j 15:43	14° ♁ 53'45	1.72796 AU	transit begin	-4177 Nov 13 j 14:57	20° ♁ 46'40	
				transit end	-4177 Nov 13 j 17:19	20° ♁ 43'00	
superior conj	-4179 Jun 15 j 20:33	20° ♁ 06'19	0°38'20	asc. node	-4177 Nov 14 j 16:53	20° ♁ 06'29	
minimum elong	-4179 Jun 15 j 13:38	19° ♁ 44'52	0°38'11	morning rise	-4177 Nov 19 j 19:24	17° ♁ 07'30	
	-4179 Jun 23 j 19:43	0° ♁		direct	-4177 Dec 03 j 22:39	13° ♁ 07'02	
	-4179 Jul 17 j 21:11	0° ♁		greatest brilliancy	-4177 Dec 13 j 09:16	14° ♁ 48'56	-4.9m
evening rise	-4179 Jul 22 j 03:23	5° ♁ 19'23			-4176 Jan 06 j 10:17	0° ♁	
	-4179 Aug 10 j 20:51	0° ♁		morning max el	-4176 Jan 22 j 13:56	14° ♁ 48'19	46°19'05
	-4179 Sep 03 j 20:50	0° ♁			-4176 Feb 06 j 11:22	0° ♁	
desc. node	-4179 Sep 18 j 18:41	18° ♁ 34'59			-4176 Mar 04 j 21:22	0° ♁	
	-4179 Sep 27 j 23:07	0° ♁		desc. node	-4176 Mar 05 j 15:24	0° ♁ 50'43	
	-4179 Oct 22 j 05:32	0° ♁			-4176 Mar 31 j 02:11	0° ♁	
	-4179 Nov 15 j 19:00	0° ♁			-4176 Apr 25 j 15:04	0° ♁	
	-4179 Dec 10 j 22:11	0° ♁			-4176 May 20 j 16:24	0° ♁	
	-4178 Jan 06 j 07:33	0° ♁			-4176 Jun 14 j 07:55	0° ♁	
asc. node	-4178 Jan 09 j 13:47	3° ♁ 32'03		asc. node	-4176 Jun 26 j 11:02	14° ♁ 56'04	
evening max el	-4178 Jan 25 j 19:40	20° ♁ 18'18	45°37'21		-4176 Jul 08 j 14:49	0° ♁	
	-4178 Feb 05 j 04:42	0° ♁		morning set	-4176 Jul 17 j 20:40	11° ♁ 31'02	
greatest brilliancy	-4178 Mar 04 j 19:25	18° ♁ 31'56	-4.7m		-4176 Aug 01 j 14:58	0° ♁	
retrograde	-4178 Mar 15 j 14:33	20° ♁ 37'51		max. Earth dist.	-4176 Aug 22 j 22:19	26° ♁ 48'41	1.71121 AU
evening set	-4178 Mar 31 j 22:56	15° ♁ 29'53					
inferior conj	-4178 Apr 06 j 01:08	12° ♁ 22'31	5°20'16	superior conj	-4176 Aug 24 j 20:47	29° ♁ 15'07	1°23'31
minimum elong	-4178 Apr 06 j 09:59	12° ♁ 08'33	5°18'18	minimum elong	-4176 Aug 24 j 22:58	29° ♁ 22'00	1°23'41
min. Earth dist.	-4178 Apr 06 j 16:14	11° ♁ 58'42	0.29280 AU		-4176 Aug 25 j 11:02	0° ♁	
morning rise	-4178 Apr 11 j 20:55	8° ♁ 49'38			-4176 Sep 18 j 06:00	0° ♁	
direct	-4178 Apr 27 j 21:40	3° ♁ 56'27		evening rise	-4176 Oct 04 j 13:05	20° ♁ 30'54	
desc. node	-4178 May 01 j 11:53	4° ♁ 11'08			-4176 Oct 12 j 02:16	0° ♁	
greatest brilliancy	-4178 May 08 j 11:23	5° ♁ 56'59	-4.7m	desc. node	-4176 Oct 16 j 07:09	5° ♁ 16'36	
	-4178 Jun 11 j 16:18	0° ♁			-4176 Nov 05 j 01:13	0° ♁	
morning max el	-4178 Jun 16 j 01:00	4° ♁ 07'47	46°00'39		-4176 Nov 29 j 03:52	0° ♁	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4176 Dec 23 j 11:55	0°☾			-4173 Jul 23 j 23:31	0°♊		
	-4175 Jan 17 j 05:03	0°♊		asc. node	-4173 Jul 24 j 23:11	1°♊12'43		
asc. node	-4175 Feb 06 j 01:48	23°♊34'30			-4173 Aug 17 j 04:10	0°♊		
	-4175 Feb 11 j 14:03	0°♋		greatest brilliancy	-4173 Sep 01 j 07:09	18°♊58'01	-3.9m	
	-4175 Mar 10 j 04:10	0°♌			-4173 Sep 10 j 01:21	0°♌		
evening max el	-4175 Apr 06 j 14:12	28°♌11'40	45°08'14	morning set	-4173 Sep 30 j 04:56	25°♌26'35		
	-4175 Apr 08 j 12:12	0°♍			-4173 Oct 03 j 19:30	0°♍		
greatest brilliancy	-4175 May 14 j 13:19	25°♍27'41	-4.7m		-4173 Oct 27 j 14:09	0°♎		
retrograde	-4175 May 24 j 21:43	27°♍22'26						
desc. node	-4175 May 28 j 23:18	27°♍03'12		superior conj	-4173 Nov 10 j 21:19	17°♎58'48	0°06'50	
evening set	-4175 Jun 08 j 21:44	23°♍08'15		minimum elong	-4173 Nov 10 j 23:11	18°♎04'41	0°06'42	
inferior conj	-4175 Jun 15 j 04:24	19°♍29'13	-3°55'22	behind sun begin	-4173 Nov 09 j 22:06	16°♎45'55		
minimum elong	-4175 Jun 14 j 20:21	19°♍41'29	3°53'05	behind sun end	-4173 Nov 12 j 00:16	19°♎23'25		
min. Earth dist.	-4175 Jun 15 j 15:02	19°♍13'00	0.28198 AU	desc. node	-4173 Nov 13 j 19:27	21°♎38'53		
morning rise	-4175 Jun 20 j 18:13	16°♍10'44		max. Earth dist.	-4173 Nov 15 j 16:02	23°♎58'43	1.71270 AU	
direct	-4175 Jul 06 j 15:11	11°♍22'50			-4173 Nov 20 j 11:19	0°♏		
greatest brilliancy	-4175 Jul 17 j 19:48	13°♍38'05	-4.8m		-4173 Dec 14 j 11:44	0°♐		
	-4175 Aug 11 j 13:40	0°♑		evening rise	-4173 Dec 23 j 00:11	10°♐35'56		
morning max el	-4175 Aug 25 j 18:01	13°♑18'46	46°37'15		-4172 Jan 07 j 15:39	0°☾		
	-4175 Sep 10 j 14:21	0°♒			-4172 Jan 31 j 23:49	0°♊		
asc. node	-4175 Sep 18 j 20:27	9°♒11'42			-4172 Feb 25 j 14:01	0°♋		
	-4175 Oct 06 j 19:08	0°♌		asc. node	-4172 Mar 05 j 14:04	10°♋52'44		
	-4175 Oct 31 j 17:14	0°♍			-4172 Mar 21 j 12:56	0°♌		
	-4175 Nov 25 j 04:14	0°♎			-4172 Apr 16 j 00:27	0°♍		
	-4175 Dec 19 j 12:52	0°♏			-4172 May 12 j 07:54	0°♑		
desc. node	-4174 Jan 08 j 17:47	24°♏50'51			-4172 Jun 09 j 07:34	0°♒		
	-4174 Jan 12 j 22:30	0°♐		evening max el	-4172 Jun 18 j 00:45	8°♒39'07	46°09'28	
	-4174 Feb 06 j 09:30	0°☾		desc. node	-4172 Jun 25 j 10:48	15°♒36'22		
morning set	-4174 Mar 02 j 08:42	29°☾21'56			-4172 Jul 13 j 05:54	0°♌		
	-4174 Mar 02 j 21:08	0°♊		greatest brilliancy	-4172 Jul 28 j 11:04	7°♌55'07	-4.8m	
	-4174 Mar 27 j 08:36	0°♋		retrograde	-4172 Aug 06 j 15:11	9°♌27'32		
max. Earth dist.	-4174 Apr 06 j 15:11	12°♋36'19	1.73742 AU	evening set	-4172 Aug 24 j 12:45	3°♌28'32		
				inferior conj	-4172 Aug 27 j 08:36	1°♌47'00	-8°52'41	
superior conj	-4174 Apr 07 j 22:43	14°♋13'03	-0°51'16	minimum elong	-4172 Aug 27 j 12:03	1°♌41'47	8°52'21	
minimum elong	-4174 Apr 08 j 06:55	14°♋38'11	0°51'01	min. Earth dist.	-4172 Aug 27 j 17:40	1°♌33'18	0.26933 AU	
	-4174 Apr 20 j 19:17	0°♌		morning rise	-4172 Aug 30 j 11:16	29°♒55'28		
asc. node	-4174 May 01 j 12:40	13°♌10'44			-4172 Aug 30 j 08:10	30°♒♊		
evening rise	-4174 May 13 j 18:24	28°♌13'58		direct	-4172 Sep 17 j 00:01	24°♒05'20		
	-4174 May 15 j 04:52	0°♍		greatest brilliancy	-4172 Sep 27 j 16:59	26°♒16'09	-4.9m	
	-4174 Jun 08 j 13:23	0°♑			-4172 Oct 05 j 05:41	0°♌		
	-4174 Jul 02 j 21:34	0°♒		asc. node	-4172 Oct 16 j 07:40	7°♌48'32		
	-4174 Jul 27 j 07:03	0°♌		morning max el	-4172 Nov 06 j 20:39	27°♌49'28	46°50'58	
	-4174 Aug 20 j 20:08	0°♍			-4172 Nov 08 j 23:18	0°♎		
desc. node	-4174 Aug 21 j 08:31	0°♎37'39			-4172 Dec 06 j 06:21	0°♏		
	-4174 Sep 14 j 16:19	0°♎			-4171 Jan 01 j 01:05	0°♏		
	-4174 Oct 10 j 02:25	0°♏			-4171 Jan 26 j 07:50	0°♐		
	-4174 Nov 05 j 21:31	0°♐		desc. node	-4171 Feb 05 j 05:50	11°♐50'42		
evening max el	-4174 Nov 13 j 11:54	7°♐56'49	47°06'26		-4171 Feb 20 j 09:28	0°☾		
	-4174 Dec 07 j 16:44	0°☾			-4171 Mar 17 j 07:28	0°♊		
asc. node	-4174 Dec 12 j 04:20	3°☾13'33			-4171 Apr 11 j 01:43	0°♋		
greatest brilliancy	-4174 Dec 23 j 12:11	9°☾25'09	-4.8m		-4171 May 05 j 15:49	0°♌		
retrograde	-4173 Jan 03 j 09:32	11°☾41'09		morning set	-4171 May 08 j 16:42	3°♌43'13		
evening set	-4173 Jan 20 j 11:54	5°☾53'51		asc. node	-4171 May 29 j 00:59	28°♌44'42		
min. Earth dist.	-4173 Jan 23 j 20:14	3°☾47'57	0.28623 AU		-4171 May 30 j 01:23	0°♍		
inferior conj	-4173 Jan 24 j 14:39	3°☾18'29	7°55'19	max. Earth dist.	-4171 Jun 09 j 08:39	12°♍44'15	1.72852 AU	
minimum elong	-4173 Jan 24 j 09:03	3°☾27'26	7°54'38					
morning rise	-4173 Jan 28 j 06:32	1°☾00'10		superior conj	-4171 Jun 13 j 14:49	18°♍00'44	0°35'31	
	-4173 Jan 29 j 23:00	30°♒♐		minimum elong	-4171 Jun 13 j 08:19	17°♍40'37	0°35'22	
direct	-4173 Feb 14 j 18:06	25°♐04'59			-4171 Jun 23 j 06:31	0°♑		
greatest brilliancy	-4173 Feb 23 j 17:15	26°♐33'48	-4.7m		-4171 Jul 17 j 08:07	0°♒		
	-4173 Mar 03 j 17:27	0°☾		evening rise	-4171 Jul 19 j 19:37	3°♒05'52		
desc. node	-4173 Apr 03 j 02:41	23°☾33'07			-4171 Aug 10 j 07:58	0°♌		
morning max el	-4173 Apr 04 j 13:15	24°☾54'51	45°50'39		-4171 Sep 03 j 08:12	0°♍		
	-4173 Apr 09 j 19:16	0°♊		desc. node	-4171 Sep 17 j 20:48	18°♍05'30		
	-4173 May 08 j 08:54	0°♋			-4171 Sep 27 j 10:50	0°♎		
	-4173 Jun 03 j 20:43	0°♌			-4171 Oct 21 j 17:40	0°♏		
	-4173 Jun 29 j 06:44	0°♍			-4171 Nov 15 j 07:45	0°♐		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4171 Dec 10 j 12:06	0° Z				-4168 Jul 08 j 01:41	0° II	
	-4170 Jan 06 j 00:16	0° \approx		morning set		-4168 Jul 15 j 12:42	9° II 17'23	
asc. node	-4170 Jan 08 j 16:05	2° \approx 51'53				-4168 Aug 01 j 01:50	0° G	
evening max el	-4170 Jan 23 j 11:20	18° \approx 06'33	45°39'50	max. Earth dist.		-4168 Aug 20 j 07:37	24° G 12'11	1.71168 AU
	-4170 Feb 05 j 08:10	0° H						
greatest brilliancy	-4170 Mar 02 j 12:55	16° H 26'44	-4.7m	superior conj		-4168 Aug 22 j 10:10	26° G 51'27	1°23'48
retrograde	-4170 Mar 13 j 07:05	18° H 32'06		minimum elong		-4168 Aug 22 j 11:28	26° G 55'32	1°23'59
evening set	-4170 Mar 29 j 18:25	13° H 20'32				-4168 Aug 24 j 22:00	0° Ω	
inferior conj	-4170 Apr 03 j 18:14	10° H 16'16	5°34'10			-4168 Sep 17 j 17:05	0° M	
minimum elong	-4170 Apr 04 j 03:09	10° H 02'10	5°32'16	evening rise		-4168 Oct 01 j 22:08	17° M 53'27	
min. Earth dist.	-4170 Apr 04 j 08:55	9° H 53'03	0.29298 AU			-4168 Oct 11 j 13:27	0° A	
morning rise	-4170 Apr 09 j 11:45	6° H 46'01		desc. node		-4168 Oct 15 j 09:09	4° A 47'44	
direct	-4170 Apr 25 j 14:35	1° H 50'03				-4168 Nov 04 j 12:31	0° M	
desc. node	-4170 Apr 30 j 13:54	2° H 17'46				-4168 Nov 28 j 15:18	0° A	
greatest brilliancy	-4170 May 06 j 03:03	3° H 49'01	-4.7m			-4168 Dec 22 j 23:38	0° Z	
	-4170 Jun 11 j 15:40	0° Y				-4167 Jan 16 j 17:19	0° \approx	
morning max el	-4170 Jun 13 j 16:26	1° Y 56'25	45°59'31	asc. node		-4167 Feb 05 j 03:58	23° \approx 02'41	
	-4170 Jul 10 j 15:38	0° B				-4167 Feb 11 j 03:26	0° H	
	-4170 Aug 05 j 21:19	0° II				-4167 Mar 09 j 20:06	0° Y	
asc. node	-4170 Aug 21 j 11:04	18° II 35'22		evening max el		-4167 Apr 04 j 05:24	26° Y 00'12	45°07'51
	-4170 Aug 30 j 20:27	0° G				-4167 Apr 08 j 12:15	0° B	
	-4170 Sep 24 j 03:07	0° Ω		greatest brilliancy		-4167 May 12 j 02:37	23° B 14'02	-4.7m
	-4170 Oct 18 j 02:10	0° M		retrograde		-4167 May 22 j 12:56	25° B 10'28	
	-4170 Nov 10 j 23:41	0° A		desc. node		-4167 May 28 j 01:24	24° B 34'46	
	-4170 Dec 04 j 23:04	0° M		evening set		-4167 Jun 06 j 11:24	20° B 57'14	
desc. node	-4170 Dec 11 j 07:44	7° M 56'07		inferior conj		-4167 Jun 12 j 19:27	17° B 16'17	-3°36'25
morning set	-4170 Dec 16 j 14:33	14° M 31'07		minimum elong		-4167 Jun 12 j 11:56	17° B 27'44	3°34'14
	-4170 Dec 29 j 01:25	0° A		min. Earth dist.		-4167 Jun 13 j 06:18	16° B 59'45	0.28244 AU
	-4169 Jan 22 j 06:30	0° Z		morning rise		-4167 Jun 18 j 11:44	13° B 54'34	
				direct		-4167 Jul 04 j 07:02	9° B 08'53	
superior conj	-4169 Jan 26 j 08:39	5° Z 03'16	-1°20'02	greatest brilliancy		-4167 Jul 15 j 11:47	11° B 24'41	-4.8m
minimum elong	-4169 Jan 26 j 02:58	4° Z 45'41	1°20'08			-4167 Aug 11 j 18:49	0° II	
max. Earth dist.	-4169 Jan 29 j 10:19	8° Z 50'46	1.72900 AU	morning max el		-4167 Aug 23 j 09:39	11° II 02'23	46°35'57
	-4169 Feb 15 j 13:56	0° \approx				-4167 Sep 10 j 08:01	0° G	
evening rise	-4169 Mar 05 j 11:32	22° \approx 00'40		asc. node		-4167 Sep 17 j 22:32	8° G 31'12	
greatest brilliancy	-4169 Mar 09 j 07:35	26° \approx 43'10	-3.9m			-4167 Oct 06 j 09:42	0° Ω	
	-4169 Mar 11 j 23:46	0° H				-4167 Oct 31 j 06:24	0° M	
asc. node	-4169 Apr 03 j 02:22	27° H 03'04				-4167 Nov 24 j 16:37	0° A	
	-4169 Apr 05 j 12:21	0° Y				-4167 Dec 19 j 00:42	0° M	
	-4169 Apr 30 j 04:13	0° B		desc. node		-4166 Jan 07 j 20:02	24° M 22'26	
	-4169 May 25 j 00:13	0° II				-4166 Jan 12 j 09:55	0° A	
	-4169 Jun 19 j 02:26	0° G				-4166 Feb 05 j 20:37	0° Z	
	-4169 Jul 14 j 15:36	0° Ω		morning set		-4166 Feb 28 j 01:10	27° Z 11'49	
desc. node	-4169 Jul 23 j 22:32	10° Ω 41'22				-4166 Mar 02 j 08:03	0° \approx	
	-4169 Aug 10 j 02:54	0° M				-4166 Mar 26 j 19:22	0° H	
evening max el	-4169 Aug 31 j 18:06	22° M 53'37	47°29'34	max. Earth dist.		-4166 Apr 04 j 14:02	10° H 46'09	1.73742 AU
	-4169 Sep 08 j 00:14	0° A						
greatest brilliancy	-4169 Oct 11 j 18:41	24° A 20'42	-4.9m	superior conj		-4166 Apr 05 j 17:22	12° H 10'01	-0°53'39
retrograde	-4169 Oct 21 j 13:32	26° A 10'41		minimum elong		-4166 Apr 06 j 01:45	12° H 35'43	0°53'24
evening set	-4169 Nov 05 j 03:32	21° A 54'35				-4166 Apr 20 j 06:02	0° Y	
min. Earth dist.	-4169 Nov 10 j 15:12	18° A 39'08	0.26555 AU	asc. node		-4166 Apr 30 j 14:46	12° Y 44'04	
inferior conj	-4169 Nov 11 j 04:25	18° A 18'37	-0°39'58	evening rise		-4166 May 11 j 14:05	26° Y 13'40	
minimum elong	-4169 Nov 11 j 05:54	18° A 16'19	0°39'34			-4166 May 14 j 15:41	0° B	
asc. node	-4169 Nov 13 j 18:58	16° A 42'32				-4166 Jun 08 j 00:25	0° II	
morning rise	-4169 Nov 17 j 08:51	14° A 39'31				-4166 Jul 02 j 08:57	0° G	
direct	-4169 Dec 01 j 10:32	10° A 40'24				-4166 Jul 26 j 18:56	0° Ω	
greatest brilliancy	-4169 Dec 10 j 23:56	12° A 24'25	-4.9m	desc. node		-4166 Aug 20 j 10:35	0° M 05'40	
	-4168 Jan 06 j 18:42	0° M				-4166 Aug 20 j 08:43	0° M	
morning max el	-4168 Jan 20 j 02:51	12° M 25'18	46°20'31			-4166 Sep 14 j 05:57	0° A	
	-4168 Feb 06 j 05:45	0° A				-4166 Oct 09 j 17:55	0° M	
	-4168 Mar 04 j 11:53	0° Z				-4166 Nov 05 j 17:20	0° A	
desc. node	-4168 Mar 04 j 17:26	0° Z 15'39		evening max el		-4166 Nov 11 j 04:25	5° A 40'44	47°09'04
	-4168 Mar 30 j 14:56	0° \approx				-4166 Dec 08 j 11:07	0° Z	
	-4168 Apr 25 j 02:52	0° H		asc. node		-4166 Dec 11 j 06:37	1° Z 54'23	
	-4168 May 20 j 03:39	0° Y		greatest brilliancy		-4166 Dec 21 j 04:12	7° Z 09'31	-4.9m
	-4168 Jun 13 j 18:52	0° B		retrograde		-4165 Jan 01 j 02:37	9° Z 26'23	
asc. node	-4168 Jun 25 j 13:18	14° B 29'25		evening set		-4165 Jan 18 j 01:30	3° Z 42'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4165 Jan 21 j 10:48	1°𐤌35'45	0.28555 AU		-4163 May 29 j 12:20	0°𐤌	
inferior conj	-4165 Jan 22 j 06:40	1°𐤌04'01	7°49'15	max. Earth dist.	-4163 Jun 07 j 02:11	10°𐤌36'08	1.72908 AU
minimum elong	-4165 Jan 22 j 00:30	1°𐤌13'52	7°48'25				
	-4165 Jan 23 j 22:54	30°𐤍𐤕		superior conj	-4163 Jun 11 j 09:12	15°𐤌55'03	0°32'41
morning rise	-4165 Jan 25 j 23:53	28°𐤌43'56		minimum elong	-4163 Jun 11 j 03:09	15°𐤌36'19	0°32'32
direct	-4165 Feb 12 j 09:41	22°𐤌51'43			-4163 Jun 22 j 17:31	0°𐤍	
greatest brilliancy	-4165 Feb 21 j 07:03	24°𐤌19'37	-4.8m		-4163 Jul 16 j 19:15	0°𐤌	
	-4165 Mar 05 j 05:08	0°𐤌		evening rise	-4163 Jul 17 j 12:15	0°𐤌53'04	
morning max el	-4165 Apr 02 j 05:48	22°𐤌46'10	45°51'04		-4163 Aug 09 j 19:18	0°𐤌	
desc. node	-4165 Apr 02 j 04:47	22°𐤌43'46			-4163 Sep 02 j 19:48	0°𐤍	
	-4165 Apr 09 j 15:42	0°𐤍		desc. node	-4163 Sep 16 j 22:50	17°𐤍35'15	
	-4165 May 08 j 00:01	0°𐤍			-4163 Sep 26 j 22:44	0°𐤍	
	-4165 Jun 03 j 09:46	0°𐤍			-4163 Oct 21 j 06:00	0°𐤍	
	-4165 Jun 28 j 18:48	0°𐤌			-4163 Nov 14 j 20:45	0°𐤌	
	-4165 Jul 23 j 11:04	0°𐤍			-4163 Dec 10 j 02:25	0°𐤌	
asc. node	-4165 Jul 24 j 01:20	0°𐤍43'52			-4162 Jan 05 j 17:43	0°𐤍	
	-4165 Aug 16 j 15:28	0°𐤌		asc. node	-4162 Jan 07 j 18:11	2°𐤍09'43	
greatest brilliancy	-4165 Sep 02 j 05:10	20°𐤌47'30	-3.9m	evening max el	-4162 Jan 21 j 02:05	15°𐤍51'11	45°42'15
	-4165 Sep 09 j 12:33	0°𐤌			-4162 Feb 05 j 14:10	0°𐤍	
morning set	-4165 Sep 27 j 16:17	22°𐤌55'36		greatest brilliancy	-4162 Feb 28 j 06:23	14°𐤍19'50	-4.7m
	-4165 Oct 03 j 06:40	0°𐤍		retrograde	-4162 Mar 10 j 23:28	16°𐤍24'52	
	-4165 Oct 27 j 01:20	0°𐤍		evening set	-4162 Mar 27 j 13:48	11°𐤍09'27	
				inferior conj	-4162 Apr 01 j 11:15	8°𐤍08'34	5°47'43
superior conj	-4165 Nov 08 j 05:59	15°𐤍20'05	0°10'50	minimum elong	-4162 Apr 01 j 20:11	7°𐤍54'24	5°45'52
minimum elong	-4165 Nov 08 j 08:57	15°𐤍29'24	0°10'40	min. Earth dist.	-4162 Apr 02 j 01:42	7°𐤍45'39	0.29314 AU
behind sun begin	-4165 Nov 07 j 12:03	14°𐤍23'47		morning rise	-4162 Apr 07 j 02:23	4°𐤍41'14	
behind sun end	-4165 Nov 09 j 05:50	16°𐤍35'01			-4162 Apr 19 j 09:05	30°𐤍𐤕	
desc. node	-4165 Nov 12 j 21:35	21°𐤍10'25		direct	-4162 Apr 23 j 06:58	29°𐤍42'05	
max. Earth dist.	-4165 Nov 13 j 01:38	21°𐤍23'09	1.71230 AU		-4162 Apr 27 j 06:46	0°𐤍	
	-4165 Nov 19 j 22:32	0°𐤍		desc. node	-4162 Apr 29 j 16:03	0°𐤍27'05	
	-4165 Dec 13 j 22:57	0°𐤌		greatest brilliancy	-4162 May 03 j 19:09	1°𐤍40'19	-4.7m
evening rise	-4165 Dec 20 j 11:07	8°𐤌05'56		morning max el	-4162 Jun 11 j 07:37	29°𐤍43'33	45°58'34
	-4164 Jan 07 j 02:53	0°𐤌			-4162 Jun 11 j 14:28	0°𐤍	
	-4164 Jan 31 j 11:08	0°𐤍			-4162 Jul 10 j 07:38	0°𐤌	
	-4164 Feb 25 j 01:36	0°𐤍			-4162 Aug 05 j 11:01	0°𐤍	
asc. node	-4164 Mar 04 j 16:07	10°𐤍23'29		asc. node	-4162 Aug 20 j 13:03	18°𐤍02'17	
	-4164 Mar 21 j 01:07	0°𐤍			-4162 Aug 30 j 09:05	0°𐤌	
	-4164 Apr 15 j 13:46	0°𐤌			-4162 Sep 23 j 15:11	0°𐤌	
	-4164 May 11 j 23:28	0°𐤍			-4162 Oct 17 j 13:55	0°𐤍	
	-4164 Jun 09 j 04:38	0°𐤌			-4162 Nov 10 j 11:14	0°𐤍	
evening max el	-4164 Jun 15 j 14:48	6°𐤌19'41	46°06'21		-4162 Dec 04 j 10:27	0°𐤍	
desc. node	-4164 Jun 24 j 13:03	14°𐤌37'53		desc. node	-4162 Dec 10 j 09:55	7°𐤍27'33	
	-4164 Jul 14 j 11:27	0°𐤌		morning set	-4162 Dec 14 j 01:11	11°𐤍59'33	
greatest brilliancy	-4164 Jul 25 j 22:33	5°𐤌29'03	-4.8m		-4162 Dec 28 j 12:39	0°𐤌	
retrograde	-4164 Aug 04 j 03:09	7°𐤌01'28			-4161 Jan 21 j 17:38	0°𐤌	
evening set	-4164 Aug 22 j 01:44	1°𐤌02'07					
	-4164 Aug 23 j 19:22	30°𐤍𐤕		superior conj	-4161 Jan 23 j 22:42	2°𐤌44'02	-1°18'58
inferior conj	-4164 Aug 24 j 21:10	29°𐤌21'01	-8°55'25	minimum elong	-4161 Jan 23 j 16:16	2°𐤌24'07	1°19'03
minimum elong	-4164 Aug 24 j 23:41	29°𐤌17'13	8°55'10	max. Earth dist.	-4161 Jan 27 j 02:39	6°𐤌38'37	1.72849 AU
min. Earth dist.	-4164 Aug 25 j 06:05	29°𐤌07'32	0.26973 AU		-4161 Feb 15 j 01:02	0°𐤍	
morning rise	-4164 Aug 27 j 21:32	27°𐤌32'37		evening rise	-4161 Mar 03 j 04:13	19°𐤍50'23	
direct	-4164 Sep 14 j 13:25	21°𐤌38'55		greatest brilliancy	-4161 Mar 07 j 03:30	24°𐤍42'50	-3.9m
greatest brilliancy	-4164 Sep 25 j 06:17	23°𐤌49'09	-4.9m		-4161 Mar 11 j 10:54	0°𐤍	
	-4164 Oct 06 j 15:38	0°𐤌		asc. node	-4161 Apr 02 j 04:27	26°𐤍34'59	
asc. node	-4164 Oct 15 j 09:48	6°𐤌36'18			-4161 Apr 04 j 23:40	0°𐤍	
morning max el	-4164 Nov 04 j 09:26	25°𐤌20'51	46°51'09		-4161 Apr 29 j 15:52	0°𐤌	
	-4164 Nov 08 j 20:56	0°𐤍			-4161 May 24 j 12:28	0°𐤍	
	-4164 Dec 05 j 22:35	0°𐤍			-4161 Jun 18 j 15:40	0°𐤌	
	-4164 Dec 31 j 15:08	0°𐤍			-4161 Jul 14 j 06:30	0°𐤌	
	-4163 Jan 25 j 20:42	0°𐤌		desc. node	-4161 Jul 23 j 00:33	10°𐤌02'14	
desc. node	-4163 Feb 04 j 07:50	11°𐤌19'19			-4161 Aug 09 j 21:06	0°𐤍	
	-4163 Feb 19 j 21:33	0°𐤌		evening max el	-4161 Aug 29 j 06:50	20°𐤍25'34	47°28'04
	-4163 Mar 16 j 19:00	0°𐤍			-4161 Sep 08 j 04:12	0°𐤍	
	-4163 Apr 10 j 12:55	0°𐤍		greatest brilliancy	-4161 Oct 09 j 09:32	21°𐤍52'43	-4.9m
	-4163 May 05 j 02:49	0°𐤍		retrograde	-4161 Oct 19 j 02:07	23°𐤍41'07	
morning set	-4163 May 06 j 11:40	1°𐤍40'39		evening set	-4161 Nov 02 j 17:31	19°𐤍23'39	
asc. node	-4163 May 28 j 03:11	28°𐤍17'42		min. Earth dist.	-4161 Nov 08 j 05:32	16°𐤍08'10	0.26520 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4161 Nov 08 j 17:11	15° Ω 50'09	-1°03'55	evening rise	-4158 May 09 j 09:41	24° Υ 12'18	
minimum elong	-4161 Nov 08 j 19:34	15° Ω 46'29	1°03'12		-4158 May 14 j 02:46	0° \mathcal{B}	
asc. node	-4161 Nov 12 j 21:12	13° Ω 18'52			-4158 Jun 07 j 11:44	0° Π	
morning rise	-4161 Nov 14 j 22:02	12° Ω 10'46			-4158 Jul 01 j 20:40	0° \mathcal{E}	
direct	-4161 Nov 28 j 22:29	8° Ω 12'16			-4158 Jul 26 j 07:08	0° Ω	
greatest brilliancy	-4161 Dec 08 j 14:23	9° Ω 58'36	-4.9m	desc. node	-4158 Aug 19 j 12:38	29° Ω 32'48	
	-4160 Jan 07 j 01:05	0° \mathcal{M}			-4158 Aug 19 j 21:37	0° \mathcal{M}	
morning max el	-4160 Jan 17 j 16:28	10° \mathcal{M} 02'58	46°22'00		-4158 Sep 13 j 19:54	0° Ω	
	-4160 Feb 05 j 23:59	0° \mathcal{A}			-4158 Oct 09 j 09:49	0° \mathcal{M}	
desc. node	-4160 Mar 03 j 19:32	29° \mathcal{A} 40'07			-4158 Nov 05 j 13:58	0° \mathcal{A}	
	-4160 Mar 04 j 02:33	0° \mathcal{Z}		evening max el	-4158 Nov 08 j 21:08	3° \mathcal{A} 24'33	47°11'31
	-4160 Mar 30 j 03:58	0° \approx			-4158 Dec 09 j 12:33	0° \mathcal{Z}	
	-4160 Apr 24 j 15:00	0° \mathcal{H}		asc. node	-4158 Dec 10 j 08:45	0° \mathcal{Z} 31'45	
	-4160 May 19 j 15:16	0° Υ		greatest brilliancy	-4158 Dec 18 j 20:29	4° \mathcal{Z} 53'24	-4.9m
	-4160 Jun 13 j 06:12	0° \mathcal{B}		retrograde	-4158 Dec 29 j 19:26	7° \mathcal{Z} 10'26	
asc. node	-4160 Jun 24 j 15:23	14° \mathcal{B} 01'08		evening set	-4157 Jan 15 j 14:55	1° \mathcal{Z} 31'29	
	-4160 Jul 07 j 12:51	0° Π			-4157 Jan 18 j 01:47	30° \mathcal{R} \mathcal{A}	
morning set	-4160 Jul 13 j 04:46	7° Π 02'59		min. Earth dist.	-4157 Jan 19 j 01:25	29° \mathcal{A} 22'23	0.28484 AU
	-4160 Jul 31 j 13:00	0° \mathcal{E}		inferior conj	-4157 Jan 19 j 22:34	28° \mathcal{A} 48'35	7°42'19
max. Earth dist.	-4160 Aug 17 j 18:55	21° \mathcal{E} 41'13	1.71213 AU	minimum elong	-4157 Jan 19 j 15:54	28° \mathcal{A} 59'15	7°41'22
				morning rise	-4157 Jan 23 j 17:21	26° \mathcal{A} 26'16	
superior conj	-4160 Aug 19 j 23:40	24° \mathcal{E} 27'20	1°23'57	direct	-4157 Feb 10 j 01:21	20° \mathcal{A} 37'41	
minimum elong	-4160 Aug 20 j 00:05	24° \mathcal{E} 28'39	1°24'07	greatest brilliancy	-4157 Feb 18 j 20:44	22° \mathcal{A} 04'23	-4.8m
	-4160 Aug 24 j 09:14	0° Ω			-4157 Mar 06 j 06:44	0° \mathcal{Z}	
	-4160 Sep 17 j 04:27	0° \mathcal{M}		morning max el	-4157 Mar 30 j 21:31	20° \mathcal{Z} 35'02	45°51'32
evening rise	-4160 Sep 29 j 07:26	15° \mathcal{M} 15'53		desc. node	-4157 Apr 01 j 06:55	21° \mathcal{Z} 54'57	
	-4160 Oct 11 j 00:56	0° Ω			-4157 Apr 09 j 11:38	0° \approx	
desc. node	-4160 Oct 14 j 11:18	4° Ω 18'22			-4157 May 07 j 15:02	0° \mathcal{H}	
	-4160 Nov 04 j 00:07	0° \mathcal{M}			-4157 Jun 02 j 22:52	0° Υ	
	-4160 Nov 28 j 03:04	0° \mathcal{A}			-4157 Jun 28 j 06:58	0° \mathcal{B}	
	-4160 Dec 22 j 11:40	0° \mathcal{Z}			-4157 Jul 22 j 22:47	0° Π	
	-4159 Jan 16 j 05:53	0° \approx		asc. node	-4157 Jul 23 j 03:21	0° Π 14'05	
asc. node	-4159 Feb 04 j 06:00	22° \approx 29'37			-4157 Aug 16 j 02:58	0° \mathcal{E}	
	-4159 Feb 10 j 17:11	0° \mathcal{H}		greatest brilliancy	-4157 Sep 02 j 22:26	22° \mathcal{E} 21'37	-3.9m
	-4159 Mar 09 j 12:39	0° Υ			-4157 Sep 08 j 23:55	0° Ω	
evening max el	-4159 Apr 01 j 21:15	23° Υ 49'18	45°07'23	morning set	-4157 Sep 25 j 03:30	20° Ω 23'41	
	-4159 Apr 08 j 14:02	0° \mathcal{B}			-4157 Oct 02 j 17:59	0° \mathcal{M}	
greatest brilliancy	-4159 May 09 j 15:56	20° \mathcal{B} 59'11	-4.7m		-4157 Oct 26 j 12:36	0° Ω	
retrograde	-4159 May 20 j 04:12	22° \mathcal{B} 56'53					
desc. node	-4159 May 27 j 03:39	21° \mathcal{B} 59'42		superior conj	-4157 Nov 05 j 14:35	12° Ω 40'54	0°14'50
evening set	-4159 Jun 04 j 01:13	18° \mathcal{B} 44'44		minimum elong	-4157 Nov 05 j 18:36	12° Ω 53'34	0°14'36
inferior conj	-4159 Jun 10 j 10:22	15° \mathcal{B} 01'51	-3°17'02	behind sun begin	-4157 Nov 05 j 06:09	12° Ω 14'25	
minimum elong	-4159 Jun 10 j 03:26	15° \mathcal{B} 12'25	3°14'59	behind sun end	-4157 Nov 06 j 07:04	13° Ω 32'42	
min. Earth dist.	-4159 Jun 10 j 21:15	14° \mathcal{B} 45'16	0.28288 AU	max. Earth dist.	-4157 Nov 10 j 11:32	18° Ω 48'11	1.71186 AU
morning rise	-4159 Jun 16 j 05:01	11° \mathcal{B} 36'59		desc. node	-4157 Nov 11 j 23:43	20° Ω 41'44	
direct	-4159 Jul 01 j 23:04	6° \mathcal{B} 53'43			-4157 Nov 19 j 09:48	0° \mathcal{M}	
greatest brilliancy	-4159 Jul 13 j 03:02	9° \mathcal{B} 09'11	-4.8m		-4157 Dec 13 j 10:14	0° \mathcal{A}	
	-4159 Aug 11 j 22:39	0° Π		evening rise	-4157 Dec 17 j 21:52	5° \mathcal{A} 35'00	
morning max el	-4159 Aug 21 j 01:17	8° Π 45'15	46°34'42		-4156 Jan 06 j 14:10	0° \mathcal{Z}	
	-4159 Sep 10 j 01:37	0° \mathcal{E}			-4156 Jan 30 j 22:32	0° \approx	
asc. node	-4159 Sep 17 j 00:44	7° \mathcal{E} 50'35			-4156 Feb 24 j 13:17	0° \mathcal{H}	
	-4159 Oct 06 j 00:20	0° Ω		asc. node	-4156 Mar 03 j 18:18	9° \mathcal{H} 54'26	
	-4159 Oct 30 j 19:43	0° \mathcal{M}			-4156 Mar 20 j 13:23	0° Υ	
	-4159 Nov 24 j 05:10	0° Ω			-4156 Apr 15 j 03:12	0° \mathcal{B}	
	-4159 Dec 18 j 12:45	0° \mathcal{M}			-4156 May 11 j 15:16	0° Π	
desc. node	-4158 Jan 06 j 22:00	23° \mathcal{M} 52'24			-4156 Jun 09 j 02:30	0° \mathcal{E}	
	-4158 Jan 11 j 21:35	0° \mathcal{A}		evening max el	-4156 Jun 13 j 03:38	3° \mathcal{E} 57'12	46°03'03
	-4158 Feb 05 j 07:59	0° \mathcal{Z}		desc. node	-4156 Jun 23 j 15:01	13° \mathcal{E} 37'05	
morning set	-4158 Feb 25 j 17:35	25° \mathcal{Z} 00'53			-4156 Jul 16 j 06:20	0° Ω	
	-4158 Mar 01 j 19:10	0° \approx		greatest brilliancy	-4156 Jul 23 j 10:14	3° Ω 02'39	-4.8m
	-4158 Mar 26 j 06:21	0° \mathcal{H}		retrograde	-4156 Aug 01 j 14:24	4° Ω 34'44	
max. Earth dist.	-4158 Apr 02 j 14:08	8° \mathcal{H} 59'09	1.73742 AU		-4156 Aug 17 j 02:50	30° \mathcal{R} \mathcal{E}	
				evening set	-4156 Aug 19 j 13:58	28° \mathcal{E} 35'44	
superior conj	-4158 Apr 03 j 11:57	10° \mathcal{H} 06'07	-0°55'58	inferior conj	-4156 Aug 22 j 09:33	26° \mathcal{E} 54'21	-8°57'06
minimum elong	-4158 Apr 03 j 20:27	10° \mathcal{H} 32'11	0°55'44	minimum elong	-4156 Aug 22 j 11:06	26° \mathcal{E} 52'00	8°56'54
	-4158 Apr 19 j 17:00	0° Υ		min. Earth dist.	-4156 Aug 22 j 18:41	26° \mathcal{E} 40'31	0.27017 AU
asc. node	-4158 Apr 29 j 16:58	12° Υ 17'00		morning rise	-4156 Aug 25 j 08:08	25° \mathcal{E} 08'24	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4156 Sep 12 j 02:11	19°♄11'30		greatest brilliancy	-4153 Mar 04 j 21:43	22°♁38'02	-3.9m
greatest brilliancy	-4156 Sep 22 j 20:08	21°♄22'06	-4.9m		-4153 Mar 10 j 21:49	0°♁	
	-4156 Oct 07 j 16:18	0°♄		asc. node	-4153 Apr 01 j 06:40	26°♁07'59	
asc. node	-4156 Oct 14 j 12:01	5°♄25'40			-4153 Apr 04 j 10:45	0°♁	
morning max el	-4156 Nov 01 j 21:14	22°♄49'09	46°51'30		-4153 Apr 29 j 03:18	0°♁	
	-4156 Nov 08 j 17:59	0°♄			-4153 May 24 j 00:31	0°♄	
	-4156 Dec 05 j 14:36	0°♄			-4153 Jun 18 j 04:42	0°♄	
	-4156 Dec 31 j 05:02	0°♄			-4153 Jul 13 j 21:15	0°♄	
	-4155 Jan 25 j 09:25	0°♄		desc. node	-4153 Jul 22 j 02:42	9°♄24'07	
desc. node	-4155 Feb 03 j 09:56	10°♄48'28			-4153 Aug 09 j 15:20	0°♄	
	-4155 Feb 19 j 09:30	0°♄		evening max el	-4153 Aug 26 j 19:53	17°♄59'37	47°26'26
	-4155 Mar 16 j 06:27	0°♄			-4153 Sep 08 j 09:31	0°♄	
	-4155 Apr 10 j 00:01	0°♁		greatest brilliancy	-4153 Oct 06 j 23:30	19°♄24'32	-4.9m
morning set	-4155 May 04 j 06:44	29°♁38'36		retrograde	-4153 Oct 16 j 15:02	21°♄12'12	
	-4155 May 04 j 13:44	0°♁		evening set	-4153 Oct 31 j 07:35	16°♄52'50	
asc. node	-4155 May 27 j 05:18	27°♁50'45		inferior conj	-4153 Nov 06 j 05:49	13°♄21'57	-1°27'52
	-4155 May 28 j 23:11	0°♁		minimum elong	-4153 Nov 06 j 09:04	13°♄16'56	1°26'51
max. Earth dist.	-4155 Jun 04 j 21:51	8°♁34'57	1.72962 AU	min. Earth dist.	-4153 Nov 05 j 19:26	13°♄37'56	0.26493 AU
				asc. node	-4153 Nov 11 j 23:19	9°♄58'27	
superior conj	-4155 Jun 09 j 03:49	13°♁50'28	0°29'48	morning rise	-4153 Nov 12 j 10:55	9°♄42'48	
minimum elong	-4155 Jun 08 j 22:14	13°♁33'11	0°29'40	direct	-4153 Nov 26 j 10:51	5°♄44'22	
	-4155 Jun 22 j 04:25	0°♄		greatest brilliancy	-4153 Dec 06 j 04:25	7°♄32'39	-4.9m
evening rise	-4155 Jul 15 j 05:12	28°♄41'44			-4152 Jan 07 j 05:19	0°♄	
	-4155 Jul 16 j 06:17	0°♄		morning max el	-4152 Jan 15 j 06:56	7°♄43'07	46°23'26
	-4155 Aug 09 j 06:34	0°♄			-4152 Feb 05 j 17:36	0°♄	
	-4155 Sep 02 j 07:22	0°♄		desc. node	-4152 Mar 02 j 21:46	29°♄05'50	
desc. node	-4155 Sep 16 j 01:00	17°♄05'28			-4152 Mar 03 j 16:49	0°♄	
	-4155 Sep 26 j 10:39	0°♄			-4152 Mar 29 j 16:38	0°♄	
	-4155 Oct 20 j 18:22	0°♄			-4152 Apr 24 j 02:47	0°♁	
	-4155 Nov 14 j 09:47	0°♄			-4152 May 19 j 02:32	0°♁	
	-4155 Dec 09 j 16:47	0°♄			-4152 Jun 12 j 17:11	0°♁	
	-4154 Jan 05 j 11:24	0°♄		asc. node	-4152 Jun 23 j 17:25	13°♁33'39	
asc. node	-4154 Jan 06 j 20:14	1°♄27'14			-4152 Jul 06 j 23:43	0°♄	
evening max el	-4154 Jan 18 j 16:09	13°♄34'29	45°44'55	morning set	-4152 Jul 10 j 21:12	4°♄50'47	
	-4154 Feb 05 j 22:19	0°♁			-4152 Jul 30 j 23:52	0°♄	
greatest brilliancy	-4154 Feb 25 j 23:25	12°♁12'52	-4.7m	max. Earth dist.	-4152 Aug 15 j 05:33	19°♄09'15	1.71254 AU
retrograde	-4154 Mar 08 j 16:11	14°♁18'22					
evening set	-4154 Mar 25 j 09:13	8°♁58'41		superior conj	-4152 Aug 17 j 13:42	22°♄06'00	1°23'56
inferior conj	-4154 Mar 30 j 04:17	6°♁01'20	6°00'47	minimum elong	-4152 Aug 17 j 13:15	22°♄04'34	1°24'06
minimum elong	-4154 Mar 30 j 13:13	5°♁47'11	5°58'59		-4152 Aug 23 j 20:10	0°♄	
min. Earth dist.	-4154 Mar 30 j 18:26	5°♁38'54	0.29329 AU		-4152 Sep 16 j 15:28	0°♄	
morning rise	-4154 Apr 04 j 17:00	2°♁37'18		evening rise	-4152 Sep 26 j 17:15	12°♄41'00	
	-4154 Apr 09 j 20:34	30°♁			-4152 Oct 10 j 12:03	0°♄	
direct	-4154 Apr 20 j 23:16	27°♄34'28		desc. node	-4152 Oct 13 j 13:27	3°♄50'08	
desc. node	-4154 Apr 28 j 18:16	28°♄40'50			-4152 Nov 03 j 11:22	0°♄	
greatest brilliancy	-4154 May 01 j 11:33	29°♄32'35	-4.7m		-4152 Nov 27 j 14:30	0°♄	
	-4154 May 02 j 16:45	0°♁			-4152 Dec 21 j 23:26	0°♄	
morning max el	-4154 Jun 08 j 23:25	27°♁32'51	45°57'48		-4151 Jan 15 j 18:15	0°♄	
	-4154 Jun 11 j 12:08	0°♁		asc. node	-4151 Feb 03 j 08:13	21°♄57'43	
	-4154 Jul 09 j 23:08	0°♁			-4151 Feb 10 j 06:47	0°♁	
	-4154 Aug 05 j 00:21	0°♄			-4151 Mar 09 j 05:10	0°♁	
asc. node	-4154 Aug 19 j 15:18	17°♄30'47		evening max el	-4151 Mar 30 j 13:30	21°♁40'23	45°07'06
	-4154 Aug 29 j 21:25	0°♄			-4151 Apr 08 j 16:49	0°♁	
	-4154 Sep 23 j 03:02	0°♄		greatest brilliancy	-4151 May 07 j 06:02	18°♁46'41	-4.7m
	-4154 Oct 17 j 01:30	0°♄		retrograde	-4151 May 17 j 19:22	20°♁44'47	
	-4154 Nov 09 j 22:39	0°♄		desc. node	-4151 May 26 j 05:39	19°♁21'31	
	-4154 Dec 03 j 21:42	0°♄		evening set	-4151 Jun 01 j 15:27	16°♁33'43	
desc. node	-4154 Dec 09 j 11:57	6°♄58'55		inferior conj	-4151 Jun 08 j 01:27	12°♁49'04	-2°57'28
morning set	-4154 Dec 11 j 11:17	9°♄26'33		minimum elong	-4151 Jun 07 j 19:09	12°♁58'43	2°55'35
	-4154 Dec 27 j 23:44	0°♄		min. Earth dist.	-4151 Jun 08 j 12:25	12°♁32'19	0.28331 AU
	-4153 Jan 21 j 04:34	0°♄		morning rise	-4151 Jun 13 j 22:16	9°♁21'01	
				direct	-4151 Jun 29 j 15:19	4°♁40'16	
superior conj	-4153 Jan 21 j 12:15	0°♄23'46	-1°17'44	greatest brilliancy	-4151 Jul 10 j 18:01	6°♁54'39	-4.8m
minimum elong	-4153 Jan 21 j 05:06	0°♄01'39	1°17'49		-4151 Aug 12 j 00:29	0°♄	
max. Earth dist.	-4153 Jan 24 j 17:25	4°♄22'15	1.72793 AU	morning max el	-4151 Aug 18 j 16:32	6°♄28'26	46°33'27
	-4153 Feb 14 j 11:54	0°♄			-4151 Sep 09 j 18:30	0°♄	
evening rise	-4153 Feb 28 j 20:41	17°♄40'08		asc. node	-4151 Sep 16 j 02:53	7°♄11'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4151 Oct 05 j 14:27	0°♌				-4148 Apr 14 j 16:34	0°♏		
	-4151 Oct 30 j 08:33	0°♍				-4148 May 11 j 07:09	0°♐		
	-4151 Nov 23 j 17:16	0°♎				-4148 Jun 09 j 01:01	0°♑		
	-4151 Dec 18 j 00:22	0°♏			evening max el	-4148 Jun 10 j 15:51	1°♑34'00	45°59'58	
desc. node	-4150 Jan 06 j 00:07	23°♏23'57			desc. node	-4148 Jun 22 j 17:12	12°♑35'58		
	-4150 Jan 11 j 08:52	0°♐				-4148 Jul 19 j 03:12	0°♒		
	-4150 Feb 04 j 19:00	0°♑			greatest brilliancy	-4148 Jul 20 j 22:07	0°♒37'35	-4.8m	
morning set	-4150 Feb 23 j 09:45	22°♑50'02			retrograde	-4148 Jul 30 j 01:57	2°♒09'41		
	-4150 Mar 01 j 06:00	0°♒				-4148 Aug 09 j 14:18	30°♒♑		
	-4150 Mar 25 j 17:03	0°♓			evening set	-4148 Aug 17 j 01:48	26°♑11'33		
max. Earth dist.	-4150 Mar 31 j 13:25	7°♓10'35	1.73735 AU		inferior conj	-4148 Aug 19 j 22:10	24°♑29'06	-8°57'37	
					minimum elong	-4148 Aug 19 j 22:44	24°♑28'14	8°57'26	
superior conj	-4150 Apr 01 j 06:17	8°♓02'17	-0°58'13		min. Earth dist.	-4148 Aug 20 j 07:33	24°♑14'54	0.27063 AU	
minimum elong	-4150 Apr 01 j 14:51	8°♓28'35	0°58'00		morning rise	-4148 Aug 22 j 19:33	22°♑44'52		
	-4150 Apr 19 j 03:39	0°♑			direct	-4148 Sep 09 j 14:52	16°♑45'16		
asc. node	-4150 Apr 28 j 19:01	11°♑50'25			greatest brilliancy	-4148 Sep 20 j 10:33	18°♑56'53	-4.9m	
evening rise	-4150 May 07 j 05:03	22°♑11'16				-4148 Oct 08 j 10:12	0°♒		
	-4150 May 13 j 13:32	0°♏			asc. node	-4148 Oct 13 j 14:08	4°♒17'28		
	-4150 Jun 06 j 22:46	0°♐			morning max el	-4148 Oct 30 j 09:34	20°♒19'16	46°51'49	
	-4150 Jul 01 j 08:05	0°♑				-4148 Nov 08 j 14:11	0°♒		
	-4150 Jul 25 j 19:04	0°♒				-4148 Dec 05 j 06:15	0°♓		
desc. node	-4150 Aug 18 j 14:51	29°♒01'10				-4148 Dec 30 j 18:41	0°♏		
	-4150 Aug 19 j 10:17	0°♒				-4147 Jan 24 j 21:55	0°♐		
	-4150 Sep 13 j 09:40	0°♓			desc. node	-4147 Feb 02 j 12:10	10°♐18'33		
	-4150 Oct 09 j 01:35	0°♏				-4147 Feb 18 j 21:15	0°♑		
	-4150 Nov 05 j 10:49	0°♐				-4147 Mar 15 j 17:42	0°♒		
evening max el	-4150 Nov 06 j 13:24	1°♐08'18	47°13'55			-4147 Apr 09 j 10:58	0°♓		
asc. node	-4150 Dec 09 j 10:46	29°♐07'37			morning set	-4147 May 02 j 01:54	27°♓37'09		
	-4150 Dec 10 j 23:32	0°♑				-4147 May 04 j 00:32	0°♑		
greatest brilliancy	-4150 Dec 16 j 13:21	2°♑39'17	-4.9m		asc. node	-4147 May 26 j 07:21	27°♑23'50		
retrograde	-4150 Dec 27 j 11:56	4°♑55'43				-4147 May 28 j 09:58	0°♏		
	-4149 Jan 12 j 02:29	30°♒♐			max. Earth dist.	-4147 Jun 02 j 18:44	6°♓37'45	1.73017 AU	
evening set	-4149 Jan 13 j 04:22	29°♐21'35							
min. Earth dist.	-4149 Jan 16 j 16:24	27°♐10'05	0.28411 AU		superior conj	-4147 Jun 06 j 22:29	11°♓46'18	0°26'53	
inferior conj	-4149 Jan 17 j 14:36	26°♐34'35	7°34'41		minimum elong	-4147 Jun 06 j 17:23	11°♓30'32	0°26'46	
minimum elong	-4149 Jan 17 j 07:26	26°♐46'03	7°33'37			-4147 Jun 21 j 15:15	0°♐		
morning rise	-4149 Jan 21 j 11:01	24°♐09'42			evening rise	-4147 Jul 12 j 22:20	26°♐31'11		
direct	-4149 Feb 07 j 16:58	18°♐25'07				-4147 Jul 15 j 17:17	0°♑		
greatest brilliancy	-4149 Feb 16 j 10:57	19°♐50'44	-4.8m			-4147 Aug 08 j 17:47	0°♒		
	-4149 Mar 07 j 00:59	0°♑				-4147 Sep 01 j 18:53	0°♒		
morning max el	-4149 Mar 28 j 12:30	18°♑22'54	45°51'55		desc. node	-4147 Sep 15 j 03:06	16°♒35'37		
desc. node	-4149 Mar 31 j 09:05	21°♑07'51				-4147 Sep 25 j 22:33	0°♓		
	-4149 Apr 09 j 06:40	0°♒				-4147 Oct 20 j 06:44	0°♏		
	-4149 May 07 j 05:36	0°♓				-4147 Nov 13 j 22:54	0°♐		
	-4149 Jun 02 j 11:37	0°♑				-4147 Dec 09 j 07:19	0°♑		
	-4149 Jun 27 j 18:49	0°♏				-4146 Jan 05 j 05:30	0°♒		
asc. node	-4149 Jul 22 j 05:35	29°♓45'52			asc. node	-4146 Jan 05 j 22:32	0°♒44'59		
	-4149 Jul 22 j 10:11	0°♐			evening max el	-4146 Jan 16 j 06:50	11°♒19'18	45°47'47	
	-4149 Aug 15 j 14:09	0°♑				-4146 Feb 06 j 09:18	0°♓		
greatest brilliancy	-4149 Sep 03 j 05:30	23°♑24'27	-3.9m		greatest brilliancy	-4146 Feb 23 j 15:58	10°♓05'44	-4.7m	
	-4149 Sep 08 j 11:01	0°♒			retrograde	-4146 Mar 06 j 09:36	12°♓12'28		
morning set	-4149 Sep 22 j 14:50	17°♒52'49			evening set	-4146 Mar 23 j 04:44	6°♓48'25		
	-4149 Oct 02 j 05:03	0°♒			inferior conj	-4146 Mar 27 j 21:27	3°♓54'32	6°13'09	
	-4149 Oct 25 j 23:41	0°♓			minimum elong	-4146 Mar 28 j 06:19	3°♓40'30	6°11'27	
					min. Earth dist.	-4146 Mar 28 j 10:55	3°♓33'13	0.29343 AU	
superior conj	-4149 Nov 02 j 23:25	10°♓03'08	0°18'46		morning rise	-4146 Apr 02 j 07:43	0°♓34'08		
minimum elong	-4149 Nov 03 j 04:28	10°♓19'01	0°18'30			-4146 Apr 03 j 07:46	30°♓♒		
max. Earth dist.	-4149 Nov 07 j 18:05	16°♓03'20	1.71139 AU		direct	-4146 Apr 18 j 15:54	25°♒27'22		
desc. node	-4149 Nov 11 j 01:44	20°♓13'21			desc. node	-4146 Apr 27 j 20:17	26°♒58'37		
	-4149 Nov 18 j 20:51	0°♏			greatest brilliancy	-4146 Apr 29 j 03:42	27°♒25'10	-4.7m	
	-4149 Dec 12 j 21:15	0°♐				-4146 May 05 j 01:19	0°♓		
evening rise	-4149 Dec 15 j 08:39	3°♐04'55			morning max el	-4146 Jun 06 j 16:11	25°♓24'39	45°56'56	
	-4148 Jan 06 j 01:12	0°♑				-4146 Jun 11 j 09:02	0°♑		
	-4148 Jan 30 j 09:40	0°♒				-4146 Jul 09 j 14:29	0°♏		
	-4148 Feb 24 j 00:44	0°♓				-4146 Aug 04 j 13:42	0°♐		
asc. node	-4148 Mar 02 j 20:26	9°♓25'57			asc. node	-4146 Aug 18 j 17:27	16°♐58'45		
	-4148 Mar 20 j 01:30	0°♑				-4146 Aug 29 j 09:49	0°♑		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4146 Sep 22 j 14:56	0°♌		greatest brilliancy	-4143 May 04 j 20:55	16°♌34'27	-4.7m
	-4146 Oct 16 j 13:08	0°♍		retrograde	-4143 May 15 j 10:09	18°♌32'13	
	-4146 Nov 09 j 10:06	0°♎		desc. node	-4143 May 25 j 07:49	16°♌38'05	
	-4146 Dec 03 j 09:01	0°♏		evening set	-4143 May 30 j 06:01	14°♌22'10	
morning set	-4146 Dec 08 j 21:15	6°♏52'43		inferior conj	-4143 Jun 05 j 16:43	10°♌36'05	-2°37'51
desc. node	-4146 Dec 08 j 14:02	6°♏30'10		minimum elong	-4143 Jun 05 j 11:02	10°♌44'47	2°36'08
	-4146 Dec 27 j 10:56	0°♐		min. Earth dist.	-4143 Jun 06 j 04:03	10°♌18'43	0.28369 AU
				morning rise	-4143 Jun 11 j 15:29	7°♌04'51	
superior conj	-4145 Jan 19 j 01:37	28°♐02'20	-1°16'23	direct	-4143 Jun 27 j 07:22	2°♌26'42	
minimum elong	-4145 Jan 18 j 17:47	27°♐38'09	1°16'25	greatest brilliancy	-4143 Jul 08 j 09:09	4°♌39'54	-4.8m
	-4145 Jan 20 j 15:39	0°♑			-4143 Aug 12 j 01:20	0°♒	
max. Earth dist.	-4145 Jan 22 j 07:16	2°♑02'27	1.72738 AU	morning max el	-4143 Aug 16 j 06:50	4°♒08'35	46°32'03
	-4145 Feb 13 j 22:55	0°♒			-4143 Sep 09 j 11:24	0°♓	
evening rise	-4145 Feb 26 j 13:08	15°♒29'29		asc. node	-4143 Sep 15 j 04:59	6°♓31'19	
greatest brilliancy	-4145 Mar 03 j 02:28	21°♒05'06	-3.9m		-4143 Oct 05 j 04:49	0°♌	
	-4145 Mar 10 j 08:52	0°♈			-4143 Oct 29 j 21:43	0°♍	
asc. node	-4145 Mar 31 j 08:44	25°♈40'17			-4143 Nov 23 j 05:44	0°♎	
	-4145 Apr 03 j 21:57	0°♉			-4143 Dec 17 j 12:23	0°♏	
	-4145 Apr 28 j 14:52	0°♊		desc. node	-4142 Jan 05 j 02:21	22°♏54'41	
	-4145 May 23 j 12:44	0°♋			-4142 Jan 10 j 20:31	0°♐	
	-4145 Jun 17 j 18:00	0°♌			-4142 Feb 04 j 06:23	0°♑	
	-4145 Jul 13 j 12:24	0°♍		morning set	-4142 Feb 21 j 01:37	20°♑37'06	
desc. node	-4145 Jul 21 j 04:53	8°♍45'04			-4142 Feb 28 j 17:10	0°♒	
	-4145 Aug 09 j 10:19	0°♎			-4142 Mar 25 j 04:07	0°♈	
evening max el	-4145 Aug 24 j 09:58	15°♎35'40	47°24'45	max. Earth dist.	-4142 Mar 29 j 11:12	5°♈16'11	1.73727 AU
	-4145 Sep 08 j 17:20	0°♏					
greatest brilliancy	-4145 Oct 04 j 12:59	16°♏55'08	-4.9m	superior conj	-4142 Mar 30 j 00:32	5°♈57'06	-1°00'24
retrograde	-4145 Oct 14 j 04:24	18°♏42'25		minimum elong	-4142 Mar 30 j 09:09	6°♈23'31	1°00'12
evening set	-4145 Oct 28 j 21:50	14°♏21'02			-4142 Apr 18 j 14:43	0°♉	
inferior conj	-4145 Nov 03 j 18:21	10°♏52'48	-1°51'37	asc. node	-4142 Apr 27 j 21:08	11°♉22'51	
minimum elong	-4145 Nov 03 j 22:28	10°♏46'28	1°50'21	evening rise	-4142 May 05 j 00:27	20°♉09'10	
min. Earth dist.	-4145 Nov 03 j 08:55	11°♏07'18	0.26468 AU		-4142 May 13 j 00:42	0°♊	
morning rise	-4145 Nov 09 j 23:32	7°♏14'17			-4142 Jun 06 j 10:10	0°♋	
asc. node	-4145 Nov 11 j 01:25	6°♏40'47			-4142 Jun 30 j 19:50	0°♌	
direct	-4145 Nov 23 j 23:40	3°♏15'45			-4142 Jul 25 j 07:21	0°♍	
greatest brilliancy	-4145 Dec 03 j 17:47	5°♏05'09	-4.9m	desc. node	-4142 Aug 17 j 16:55	28°♍28'04	
	-4144 Jan 07 j 08:09	0°♎			-4142 Aug 18 j 23:19	0°♎	
morning max el	-4144 Jan 12 j 21:39	5°♎23'09	46°24'42		-4142 Sep 12 j 23:55	0°♏	
	-4144 Feb 05 j 11:06	0°♐			-4142 Oct 08 j 18:04	0°♏	
desc. node	-4144 Mar 01 j 23:47	28°♐30'27		evening max el	-4142 Nov 04 j 04:41	28°♏47'44	47°16'05
	-4144 Mar 03 j 07:11	0°♑			-4142 Nov 05 j 09:02	0°♐	
	-4144 Mar 29 j 05:28	0°♒		asc. node	-4142 Dec 08 j 13:05	27°♐39'00	
	-4144 Apr 23 j 14:45	0°♈			-4142 Dec 13 j 07:51	0°♑	
	-4144 May 18 j 14:00	0°♉		greatest brilliancy	-4142 Dec 14 j 06:40	0°♑23'22	-4.9m
	-4144 Jun 12 j 04:22	0°♊		retrograde	-4142 Dec 25 j 03:48	2°♑38'31	
asc. node	-4144 Jun 22 j 19:41	13°♊06'14			-4141 Jan 05 j 10:28	30°♒♐	
	-4144 Jul 06 j 10:49	0°♋		evening set	-4141 Jan 10 j 17:29	27°♐09'27	
morning set	-4144 Jul 08 j 13:51	2°♋38'44		min. Earth dist.	-4141 Jan 14 j 07:35	24°♐54'51	0.28337 AU
	-4144 Jul 30 j 10:59	0°♌		inferior conj	-4141 Jan 15 j 06:24	24°♐18'19	7°26'17
max. Earth dist.	-4144 Aug 12 j 13:59	16°♌29'36	1.71302 AU	minimum elong	-4141 Jan 14 j 22:47	24°♐30'30	7°25'04
				morning rise	-4141 Jan 19 j 04:38	21°♐50'34	
superior conj	-4144 Aug 15 j 03:52	19°♌44'17	1°23'45	direct	-4141 Feb 05 j 07:49	16°♐10'13	
minimum elong	-4144 Aug 15 j 02:34	19°♌40'11	1°23'56	greatest brilliancy	-4141 Feb 14 j 01:30	17°♐35'22	-4.8m
	-4144 Aug 23 j 07:24	0°♍			-4141 Mar 07 j 15:24	0°♑	
	-4144 Sep 16 j 02:49	0°♎		morning max el	-4141 Mar 26 j 02:31	16°♑06'55	45°52'26
evening rise	-4144 Sep 24 j 02:52	10°♎04'25		desc. node	-4141 Mar 30 j 11:11	20°♑20'02	
	-4144 Oct 09 j 23:31	0°♏			-4141 Apr 09 j 01:42	0°♒	
desc. node	-4144 Oct 12 j 15:27	3°♏20'26			-4141 May 06 j 20:25	0°♈	
	-4144 Nov 02 j 22:58	0°♏			-4141 Jun 02 j 00:41	0°♉	
	-4144 Nov 27 j 02:18	0°♐			-4141 Jun 27 j 07:01	0°♊	
	-4144 Dec 21 j 11:34	0°♑		asc. node	-4141 Jul 21 j 07:43	29°♊16'19	
	-4143 Jan 15 j 07:00	0°♒			-4141 Jul 21 j 21:55	0°♋	
asc. node	-4143 Feb 02 j 10:21	21°♒24'23			-4141 Aug 15 j 01:38	0°♌	
	-4143 Feb 09 j 20:51	0°♈		greatest brilliancy	-4141 Sep 03 j 07:42	24°♌11'11	-3.9m
	-4143 Mar 08 j 22:26	0°♉			-4141 Sep 07 j 22:23	0°♍	
evening max el	-4143 Mar 28 j 05:42	19°♉30'16	45°06'54	morning set	-4141 Sep 20 j 02:35	15°♍22'25	
	-4143 Apr 08 j 21:46	0°♊			-4141 Oct 01 j 16:23	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4141 Oct 25 j 11:02	0°♊				-4138 Mar 28 j 10:20	30°♋	
				morning rise		-4138 Mar 30 j 22:13	28°♋30'01	
superior conj	-4141 Oct 31 j 08:23	7°♊24'44	0°22'39	direct		-4138 Apr 16 j 08:46	23°♋19'15	
minimum elong	-4141 Oct 31 j 14:24	7°♊43'41	0°22'22	desc. node		-4138 Apr 26 j 22:28	25°♋19'08	
max. Earth dist.	-4141 Nov 04 j 21:28	13°♊07'31	1.71102 AU	greatest brilliancy		-4138 Apr 26 j 19:08	25°♋16'08	-4.7m
desc. node	-4141 Nov 10 j 03:55	19°♊44'29				-4138 May 06 j 14:07	0°♌	
	-4141 Nov 18 j 08:14	0°♌		morning max el		-4138 Jun 04 j 09:29	23°♌17'21	45°56'05
	-4141 Dec 12 j 08:38	0°♌				-4138 Jun 11 j 05:28	0°♌	
evening rise	-4141 Dec 12 j 18:59	0°♌32'14				-4138 Jul 09 j 05:46	0°♌	
	-4140 Jan 05 j 12:37	0°♌				-4138 Aug 04 j 03:02	0°♌	
	-4140 Jan 29 j 21:13	0°♌		asc. node		-4138 Aug 17 j 19:30	16°♌26'15	
	-4140 Feb 23 j 12:37	0°♌				-4138 Aug 28 j 22:14	0°♌	
asc. node	-4140 Mar 01 j 22:30	8°♌56'01				-4138 Sep 22 j 02:52	0°♌	
	-4140 Mar 19 j 14:03	0°♌				-4138 Oct 16 j 00:48	0°♌	
	-4140 Apr 14 j 06:26	0°♌				-4138 Nov 08 j 21:33	0°♌	
	-4140 May 10 j 23:43	0°♌				-4138 Dec 02 j 20:17	0°♌	
evening max el	-4140 Jun 08 j 04:03	29°♌09'59	45°57'01	morning set		-4138 Dec 06 j 07:39	4°♌20'19	
	-4140 Jun 09 j 00:55	0°♌		desc. node		-4138 Dec 07 j 16:14	6°♌02'01	
desc. node	-4140 Jun 21 j 19:27	11°♌32'24				-4138 Dec 26 j 22:02	0°♌	
greatest brilliancy	-4140 Jul 18 j 09:44	28°♌11'37	-4.8m					
retrograde	-4140 Jul 27 j 14:06	29°♌44'23		superior conj		-4137 Jan 16 j 15:04	25°♌41'22	-1°14'53
evening set	-4140 Aug 14 j 13:09	23°♌47'38		minimum elong		-4137 Jan 16 j 06:37	25°♌15'11	1°14'53
inferior conj	-4140 Aug 17 j 10:51	22°♌03'28	-8°57'09	max. Earth dist.		-4137 Jan 19 j 23:13	29°♌49'21	1.72687 AU
minimum elong	-4140 Aug 17 j 10:25	22°♌04'06	8°56'59			-4137 Jan 20 j 02:40	0°♌	
min. Earth dist.	-4140 Aug 17 j 20:18	21°♌49'09	0.27106 AU			-4137 Feb 13 j 09:54	0°♌	
morning rise	-4140 Aug 20 j 07:33	20°♌20'21		evening rise		-4137 Feb 24 j 05:38	13°♌18'59	
direct	-4140 Sep 07 j 03:41	14°♌18'37		greatest brilliancy		-4137 Mar 01 j 16:07	19°♌59'39	-3.9m
greatest brilliancy	-4140 Sep 18 j 00:52	16°♌31'27	-4.9m			-4137 Mar 09 j 19:54	0°♌	
	-4140 Oct 08 j 23:44	0°♌		asc. node		-4137 Mar 30 j 10:51	25°♌12'43	
asc. node	-4140 Oct 12 j 16:17	3°♌10'44				-4137 Apr 03 j 09:10	0°♌	
morning max el	-4140 Oct 27 j 22:46	17°♌51'21	46°52'07			-4137 Apr 28 j 02:28	0°♌	
	-4140 Nov 08 j 09:56	0°♌				-4137 May 23 j 01:00	0°♌	
	-4140 Dec 04 j 21:50	0°♌				-4137 Jun 17 j 07:24	0°♌	
	-4140 Dec 30 j 08:26	0°♌				-4137 Jul 13 j 03:45	0°♌	
	-4139 Jan 24 j 10:37	0°♌		desc. node		-4137 Jul 20 j 06:55	8°♌05'13	
desc. node	-4139 Feb 01 j 14:10	9°♌47'11				-4137 Aug 09 j 05:47	0°♌	
	-4139 Feb 18 j 09:16	0°♌		evening max el		-4137 Aug 22 j 00:43	13°♌13'32	47°22'53
	-4139 Mar 15 j 05:14	0°♌				-4137 Sep 09 j 03:50	0°♌	
	-4139 Apr 08 j 22:12	0°♌		greatest brilliancy		-4137 Oct 02 j 02:24	14°♌25'44	-4.9m
morning set	-4139 Apr 29 j 20:46	25°♌34'01		retrograde		-4137 Oct 11 j 17:44	16°♌12'20	
	-4139 May 03 j 11:36	0°♌		evening set		-4137 Oct 26 j 12:13	11°♌49'07	
asc. node	-4139 May 25 j 09:34	26°♌56'44		inferior conj		-4137 Nov 01 j 06:48	8°♌23'34	-2°15'23
	-4139 May 27 j 20:59	0°♌		minimum elong		-4137 Nov 01 j 11:45	8°♌15'57	2°13'51
max. Earth dist.	-4139 May 31 j 16:51	4°♌43'42	1.73070 AU	min. Earth dist.		-4137 Oct 31 j 22:16	8°♌36'40	0.26440 AU
				morning rise		-4137 Nov 07 j 11:45	4°♌45'51	
superior conj	-4139 Jun 04 j 16:56	9°♌40'47	0°23'56	asc. node		-4137 Nov 10 j 03:41	3°♌27'02	
minimum elong	-4139 Jun 04 j 12:22	9°♌26'37	0°23'50	direct		-4137 Nov 21 j 12:32	0°♌47'21	
	-4139 Jun 21 j 02:20	0°♌		greatest brilliancy		-4137 Dec 01 j 06:43	2°♌37'11	-4.9m
evening rise	-4139 Jul 10 j 15:31	24°♌20'11				-4136 Jan 07 j 09:20	0°♌	
	-4139 Jul 15 j 04:30	0°♌		morning max el		-4136 Jan 10 j 11:58	3°♌02'41	46°26'07
	-4139 Aug 08 j 05:14	0°♌				-4136 Feb 05 j 03:58	0°♌	
	-4139 Sep 01 j 06:36	0°♌		desc. node		-4136 Mar 01 j 01:56	27°♌56'24	
desc. node	-4139 Sep 14 j 05:09	16°♌05'10				-4136 Mar 02 j 21:09	0°♌	
	-4139 Sep 25 j 10:35	0°♌				-4136 Mar 28 j 18:01	0°♌	
	-4139 Oct 19 j 19:13	0°♌				-4136 Apr 23 j 02:31	0°♌	
	-4139 Nov 13 j 12:08	0°♌				-4136 May 18 j 01:18	0°♌	
	-4139 Dec 08 j 22:04	0°♌				-4136 Jun 11 j 15:25	0°♌	
asc. node	-4138 Jan 05 j 00:37	0°♌01'11		asc. node		-4136 Jun 21 j 21:47	12°♌38'45	
	-4138 Jan 05 j 00:11	0°♌				-4136 Jul 05 j 21:45	0°♌	
evening max el	-4138 Jan 13 j 22:22	9°♌05'44	45°50'31	morning set		-4136 Jul 06 j 06:30	0°♌27'11	
	-4138 Feb 07 j 00:32	0°♌				-4136 Jul 29 j 21:56	0°♌	
greatest brilliancy	-4138 Feb 21 j 08:09	7°♌57'18	-4.7m	max. Earth dist.		-4136 Aug 09 j 20:53	13°♌45'47	1.71353 AU
retrograde	-4138 Mar 04 j 03:15	10°♌05'22						
evening set	-4138 Mar 21 j 00:06	4°♌37'07		superior conj		-4136 Aug 12 j 18:08	17°♌23'33	1°23'26
inferior conj	-4138 Mar 25 j 14:28	1°♌46'35	6°25'06	minimum elong		-4136 Aug 12 j 16:01	17°♌16'55	1°23'37
minimum elong	-4138 Mar 25 j 23:13	1°♌32'45	6°23'29			-4136 Aug 22 j 18:26	0°♌	
min. Earth dist.	-4138 Mar 26 j 02:56	1°♌26'52	0.29356 AU			-4136 Sep 15 j 13:59	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4136 Sep 21 j 12:34	7° \mathbb{M} 28'40		desc. node	-4133 Mar 29 j 13:20	19° \mathcal{Z} 34'18	
	-4136 Oct 09 j 10:49	0° \mathcal{A}			-4133 Apr 08 j 19:43	0° \approx	
desc. node	-4136 Oct 11 j 17:37	2° \mathcal{A} 51'47			-4133 May 06 j 10:34	0° \mathcal{H}	
	-4136 Nov 02 j 10:24	0° \mathbb{M}			-4133 Jun 01 j 13:12	0° \mathcal{Y}	
	-4136 Nov 26 j 13:55	0° \mathcal{A}			-4133 Jun 26 j 18:44	0° \mathcal{B}	
	-4136 Dec 20 j 23:28	0° \mathcal{Z}		asc. node	-4133 Jul 20 j 09:46	28° \mathcal{B} 47'43	
	-4135 Jan 14 j 19:31	0° \approx			-4133 Jul 21 j 09:14	0° \mathbb{I}	
asc. node	-4135 Feb 01 j 12:26	20° \approx 51'43			-4133 Aug 14 j 12:46	0° \mathcal{G}	
	-4135 Feb 09 j 10:42	0° \mathcal{H}		greatest brilliancy	-4133 Sep 03 j 08:22	24° \mathcal{G} 53'59	-3.9m
	-4135 Mar 08 j 15:37	0° \mathcal{Y}			-4133 Sep 07 j 09:26	0° \mathcal{Q}	
evening max el	-4135 Mar 25 j 21:17	17° \mathcal{Y} 19'45	45°06'38	morning set	-4133 Sep 17 j 14:10	12° \mathcal{Q} 52'28	
	-4135 Apr 09 j 04:19	0° \mathcal{B}			-4133 Oct 01 j 03:26	0° \mathbb{M}	
greatest brilliancy	-4135 May 02 j 12:16	14° \mathcal{B} 23'50	-4.7m		-4133 Oct 24 j 22:05	0° \mathcal{A}	
retrograde	-4135 May 13 j 00:41	16° \mathcal{B} 21'04					
desc. node	-4135 May 24 j 10:02	13° \mathcal{B} 51'21		superior conj	-4133 Oct 28 j 17:04	4° \mathcal{A} 46'22	0°26'31
evening set	-4135 May 27 j 20:53	12° \mathcal{B} 11'33		minimum elong	-4133 Oct 29 j 00:02	5° \mathcal{A} 08'15	0°26'11
inferior conj	-4135 Jun 03 j 08:08	8° \mathcal{B} 24'30	-2°18'07	max. Earth dist.	-4133 Nov 01 j 22:53	10° \mathcal{A} 06'33	1.71066 AU
minimum elong	-4135 Jun 03 j 03:09	8° \mathcal{B} 32'10	2°16'35	desc. node	-4133 Nov 09 j 06:01	19° \mathcal{A} 16'28	
min. Earth dist.	-4135 Jun 03 j 20:13	8° \mathcal{B} 05'56	0.28412 AU		-4133 Nov 17 j 19:17	0° \mathbb{M}	
morning rise	-4135 Jun 09 j 08:44	4° \mathcal{B} 50'10		evening rise	-4133 Dec 10 j 05:06	27° \mathbb{M} 59'49	
direct	-4135 Jun 24 j 23:03	0° \mathcal{B} 14'18			-4133 Dec 11 j 19:41	0° \mathcal{A}	
greatest brilliancy	-4135 Jul 06 j 01:06	2° \mathcal{B} 27'04	-4.8m		-4132 Jan 04 j 23:42	0° \mathcal{Z}	
	-4135 Aug 12 j 00:46	0° \mathbb{I}			-4132 Jan 29 j 08:26	0° \approx	
morning max el	-4135 Aug 13 j 20:42	1° \mathbb{I} 48'26	46°30'41		-4132 Feb 23 j 00:09	0° \mathcal{H}	
	-4135 Sep 09 j 03:44	0° \mathcal{G}		asc. node	-4132 Mar 01 j 00:42	8° \mathcal{H} 27'33	
asc. node	-4135 Sep 14 j 07:13	5° \mathcal{G} 52'46			-4132 Mar 19 j 02:15	0° \mathcal{Y}	
	-4135 Oct 04 j 18:45	0° \mathcal{Q}			-4132 Apr 13 j 19:56	0° \mathcal{B}	
	-4135 Oct 29 j 10:31	0° \mathbb{M}			-4132 May 10 j 16:00	0° \mathbb{I}	
	-4135 Nov 22 j 17:52	0° \mathcal{A}		evening max el	-4132 Jun 05 j 17:05	26° \mathbb{I} 49'45	45°54'07
	-4135 Dec 17 j 00:04	0° \mathbb{M}			-4132 Jun 09 j 01:17	0° \mathcal{G}	
desc. node	-4134 Jan 04 j 04:19	22° \mathbb{M} 25'34		desc. node	-4132 Jun 20 j 21:24	10° \mathcal{G} 28'07	
	-4134 Jan 10 j 07:52	0° \mathcal{A}		greatest brilliancy	-4132 Jul 15 j 20:34	25° \mathcal{G} 46'30	-4.8m
	-4134 Feb 03 j 17:26	0° \mathcal{Z}		retrograde	-4132 Jul 25 j 02:41	27° \mathcal{G} 20'42	
morning set	-4134 Feb 18 j 17:39	18° \mathcal{Z} 25'43		evening set	-4132 Aug 11 j 24:00	21° \mathcal{G} 25'49	
	-4134 Feb 28 j 03:58	0° \approx		inferior conj	-4132 Aug 14 j 23:33	19° \mathcal{G} 39'07	-8°55'38
	-4134 Mar 24 j 14:46	0° \mathcal{H}		minimum elong	-4132 Aug 14 j 22:11	19° \mathcal{G} 41'11	8°55'26
				min. Earth dist.	-4132 Aug 15 j 08:46	19° \mathcal{G} 25'12	0.27158 AU
superior conj	-4134 Mar 27 j 19:07	3° \mathcal{H} 54'11	-1°02'29	morning rise	-4132 Aug 17 j 20:13	17° \mathcal{G} 56'16	
minimum elong	-4134 Mar 28 j 03:43	4° \mathcal{H} 20'32	1°02'17	direct	-4132 Sep 04 j 17:13	11° \mathcal{G} 53'12	
max. Earth dist.	-4134 Mar 27 j 08:28	3° \mathcal{H} 21'29	1.73716 AU	greatest brilliancy	-4132 Sep 15 j 14:58	14° \mathcal{G} 06'50	-4.9m
	-4134 Apr 18 j 01:22	0° \mathcal{Y}			-4132 Oct 09 j 09:34	0° \mathcal{Q}	
asc. node	-4134 Apr 26 j 23:21	10° \mathcal{Y} 56'52		asc. node	-4132 Oct 11 j 18:30	2° \mathcal{Q} 06'31	
evening rise	-4134 May 02 j 20:07	18° \mathcal{Y} 09'08		morning max el	-4132 Oct 25 j 13:03	15° \mathcal{Q} 26'54	46°52'15
	-4134 May 12 j 11:30	0° \mathcal{B}			-4132 Nov 08 j 04:56	0° \mathbb{M}	
	-4134 Jun 05 j 21:15	0° \mathbb{I}			-4132 Dec 04 j 13:00	0° \mathcal{A}	
	-4134 Jun 30 j 07:18	0° \mathcal{G}			-4132 Dec 29 j 21:50	0° \mathbb{M}	
	-4134 Jul 24 j 19:22	0° \mathcal{Q}			-4131 Jan 23 j 22:58	0° \mathcal{A}	
desc. node	-4134 Aug 16 j 18:59	27° \mathcal{Q} 55'45		desc. node	-4131 Jan 31 j 16:17	9° \mathcal{A} 17'06	
	-4134 Aug 18 j 12:08	0° \mathbb{M}			-4131 Feb 17 j 20:56	0° \mathcal{Z}	
	-4134 Sep 12 j 13:59	0° \mathcal{A}			-4131 Mar 14 j 16:27	0° \approx	
	-4134 Oct 08 j 10:29	0° \mathbb{M}			-4131 Apr 08 j 09:06	0° \mathcal{H}	
evening max el	-4134 Nov 01 j 19:09	26° \mathbb{M} 25'57	47°18'13	morning set	-4131 Apr 27 j 15:56	23° \mathcal{H} 32'50	
	-4134 Nov 05 j 07:44	0° \mathcal{A}			-4131 May 02 j 22:20	0° \mathcal{Y}	
asc. node	-4134 Dec 07 j 15:11	26° \mathcal{A} 07'48		asc. node	-4131 May 24 j 11:40	26° \mathcal{Y} 30'19	
greatest brilliancy	-4134 Dec 12 j 00:03	28° \mathcal{A} 08'07	-4.9m		-4131 May 27 j 07:38	0° \mathcal{B}	
	-4134 Dec 18 j 12:41	0° \mathcal{Z}		max. Earth dist.	-4131 May 29 j 15:35	2° \mathcal{B} 52'42	1.73114 AU
retrograde	-4134 Dec 22 j 19:28	0° \mathcal{Z} 22'05					
	-4134 Dec 27 j 00:17	30° \mathcal{R} \mathcal{A}		superior conj	-4131 Jun 02 j 11:48	7° \mathcal{B} 37'41	0°20'58
evening set	-4133 Jan 08 j 06:26	24° \mathcal{A} 57'56		minimum elong	-4131 Jun 02 j 07:45	7° \mathcal{B} 25'10	0°20'53
min. Earth dist.	-4133 Jan 11 j 23:00	22° \mathcal{A} 39'51	0.28260 AU		-4131 Jun 20 j 13:02	0° \mathbb{I}	
inferior conj	-4133 Jan 12 j 22:08	22° \mathcal{A} 02'48	7°17'06	evening rise	-4131 Jul 08 j 09:13	22° \mathbb{I} 12'02	
minimum elong	-4133 Jan 12 j 14:07	22° \mathcal{A} 15'39	7°15'44		-4131 Jul 14 j 15:22	0° \mathcal{G}	
morning rise	-4133 Jan 16 j 22:19	19° \mathcal{A} 32'04			-4131 Aug 07 j 16:22	0° \mathcal{Q}	
direct	-4133 Feb 02 j 22:09	13° \mathcal{A} 55'54			-4131 Aug 31 j 18:04	0° \mathbb{M}	
greatest brilliancy	-4133 Feb 11 j 16:30	15° \mathcal{A} 21'18	-4.8m	desc. node	-4131 Sep 13 j 07:20	15° \mathcal{M} 35'47	
	-4133 Mar 08 j 01:39	0° \mathcal{Z}			-4131 Sep 24 j 22:28	0° \mathcal{A}	
morning max el	-4133 Mar 23 j 16:41	13° \mathcal{Z} 52'23	45°53'14		-4131 Oct 19 j 07:36	0° \mathbb{M}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4131 Nov 13 j 01:20	0°♊			-4128 Mar 28 j 06:37	0°♊		
	-4131 Dec 08 j 12:53	0°♋			-4128 Apr 22 j 14:18	0°♋		
asc. node	-4130 Jan 04 j 02:42	29°♋17'09			-4128 May 17 j 12:37	0°♌		
	-4130 Jan 04 j 19:12	0°♌			-4128 Jun 11 j 02:28	0°♍		
evening max el	-4130 Jan 11 j 14:37	6°♌54'15	45°53'26	asc. node	-4128 Jun 20 j 23:48	12°♍10'57		
	-4130 Feb 07 j 20:48	0°♎		morning set	-4128 Jul 03 j 23:13	28°♍15'52		
greatest brilliancy	-4130 Feb 19 j 00:27	5°♎49'31	-4.7m		-4128 Jul 05 j 08:43	0°♏		
retrograde	-4130 Mar 01 j 20:50	7°♎58'33			-4128 Jul 29 j 08:55	0°♐		
evening set	-4130 Mar 18 j 19:30	2°♎26'18		max. Earth dist.	-4128 Aug 07 j 04:16	11°♐03'36	1.71402 AU	
	-4130 Mar 22 j 18:13	30°♏						
inferior conj	-4130 Mar 23 j 07:27	29°♏39'03	6°36'40	superior conj	-4128 Aug 10 j 08:52	15°♐04'23	1°23'00	
minimum elong	-4130 Mar 23 j 16:02	29°♏25'27	6°35'09	minimum elong	-4128 Aug 10 j 05:58	14°♐55'17	1°23'09	
min. Earth dist.	-4130 Mar 23 j 18:42	29°♏21'13	0.29361 AU		-4128 Aug 22 j 05:29	0°♑		
morning rise	-4130 Mar 28 j 12:32	26°♏26'21			-4128 Sep 15 j 01:06	0°♒		
direct	-4130 Apr 14 j 01:58	21°♏11'44		evening rise	-4128 Sep 18 j 22:55	4°♒55'08		
greatest brilliancy	-4130 Apr 24 j 09:55	23°♏06'59	-4.7m		-4128 Oct 08 j 22:04	0°♓		
desc. node	-4130 Apr 26 j 00:39	23°♏43'33		desc. node	-4128 Oct 10 j 19:44	2°♓23'05		
	-4130 May 07 j 15:43	0°♈			-4128 Nov 01 j 21:50	0°♔		
morning max el	-4130 Jun 02 j 02:50	21°♈11'07	45°55'23		-4128 Nov 26 j 01:36	0°♕		
	-4130 Jun 11 j 00:57	0°♉			-4128 Dec 20 j 11:31	0°♖		
	-4130 Jul 08 j 20:30	0°♊			-4127 Jan 14 j 08:15	0°♗		
	-4130 Aug 03 j 15:57	0°♋		asc. node	-4127 Jan 31 j 14:39	20°♗18'35		
asc. node	-4130 Aug 16 j 21:44	15°♋55'24			-4127 Feb 09 j 00:54	0°♈		
	-4130 Aug 28 j 10:18	0°♌			-4127 Mar 08 j 09:30	0°♉		
	-4130 Sep 21 j 14:31	0°♍		evening max el	-4127 Mar 23 j 11:52	15°♉06'03	45°06'36	
	-4130 Oct 15 j 12:14	0°♎			-4127 Apr 09 j 13:50	0°♊		
	-4130 Nov 08 j 08:52	0°♏		greatest brilliancy	-4127 Apr 30 j 03:26	12°♊12'09	-4.7m	
	-4130 Dec 02 j 07:28	0°♐		retrograde	-4127 May 10 j 15:08	14°♊09'17		
morning set	-4130 Dec 03 j 17:32	1°♐46'23		desc. node	-4127 May 23 j 12:01	10°♋59'39		
desc. node	-4130 Dec 06 j 18:14	5°♐33'21		evening set	-4127 May 25 j 11:47	9°♋59'39		
	-4130 Dec 26 j 09:06	0°♑		inferior conj	-4127 May 31 j 23:28	6°♋12'08	-1°58'09	
				minimum elong	-4127 May 31 j 19:10	6°♋18'45	1°56'49	
superior conj	-4129 Jan 14 j 03:43	23°♑17'52	-1°13'12	min. Earth dist.	-4127 Jun 01 j 12:29	5°♋52'06	0.28455 AU	
minimum elong	-4129 Jan 13 j 18:41	22°♑49'52	1°13'11	morning rise	-4127 Jun 07 j 01:44	2°♋34'59		
max. Earth dist.	-4129 Jan 17 j 15:51	27°♑38'19	1.72633 AU		-4127 Jun 12 j 12:22	30°♌♑		
	-4129 Jan 19 j 13:38	0°♋		direct	-4127 Jun 22 j 14:15	28°♌00'53		
	-4129 Feb 12 j 20:49	0°♌			-4127 Jul 03 j 02:20	0°♍		
evening rise	-4129 Feb 21 j 21:33	11°♌06'51		greatest brilliancy	-4127 Jul 03 j 17:32	0°♍14'08	-4.8m	
greatest brilliancy	-4129 Feb 28 j 09:14	19°♌05'01	-3.9m	morning max el	-4127 Aug 11 j 10:36	29°♍28'01	46°29'31	
	-4129 Mar 09 j 06:51	0°♎			-4127 Aug 11 j 23:28	0°♏		
asc. node	-4129 Mar 29 j 13:03	24°♎45'33			-4127 Sep 08 j 19:55	0°♐		
	-4129 Apr 02 j 20:20	0°♏		asc. node	-4127 Sep 13 j 09:19	5°♐13'52		
	-4129 Apr 27 j 14:01	0°♑			-4127 Oct 04 j 08:39	0°♑		
	-4129 May 22 j 13:14	0°♒			-4127 Oct 28 j 23:18	0°♒		
	-4129 Jun 16 j 20:45	0°♓			-4127 Nov 22 j 06:01	0°♓		
	-4129 Jul 12 j 19:06	0°♔			-4127 Dec 16 j 11:49	0°♔		
desc. node	-4129 Jul 19 j 09:06	7°♔26'04		desc. node	-4126 Jan 03 j 06:26	21°♔56'36		
	-4129 Aug 09 j 01:31	0°♕			-4126 Jan 09 j 19:19	0°♕		
evening max el	-4129 Aug 19 j 15:21	10°♕51'57	47°20'51		-4126 Feb 03 j 04:39	0°♖		
	-4129 Sep 09 j 17:22	0°♗		morning set	-4126 Feb 16 j 09:07	16°♖31'50		
greatest brilliancy	-4129 Sep 29 j 16:01	11°♗57'21	-4.9m		-4126 Feb 27 j 15:01	0°♗		
retrograde	-4129 Oct 09 j 06:34	13°♗42'33			-4126 Mar 24 j 01:43	0°♘		
evening set	-4129 Oct 24 j 02:48	9°♗17'27		max. Earth dist.	-4126 Mar 25 j 03:40	1°♘19'36	1.73706 AU	
inferior conj	-4129 Oct 29 j 19:14	5°♗54'43	-2°38'54					
minimum elong	-4129 Oct 30 j 01:00	5°♗45'52	2°37'07	superior conj	-4126 Mar 25 j 13:09	1°♘48'44	-1°04'30	
min. Earth dist.	-4129 Oct 29 j 11:51	6°♗06'04	0.26423 AU	minimum elong	-4126 Mar 25 j 21:41	2°♘14'52	1°04'20	
morning rise	-4129 Nov 04 j 23:40	2°♘17'47			-4126 Apr 17 j 12:19	0°♙		
asc. node	-4129 Nov 09 j 05:46	0°♘18'31		asc. node	-4126 Apr 26 j 01:22	10°♙29'22		
	-4129 Nov 10 j 01:07	30°♙		evening rise	-4126 Apr 30 j 15:15	16°♙06'39		
direct	-4129 Nov 19 j 01:22	28°♙19'10			-4126 May 11 j 22:35	0°♚		
	-4129 Nov 28 j 09:20	0°♚			-4126 Jun 05 j 08:35	0°♛		
greatest brilliancy	-4129 Nov 28 j 20:06	0°♚09'30	-4.9m		-4126 Jun 29 j 19:04	0°♜		
	-4128 Jan 07 j 09:29	0°♛			-4126 Jul 24 j 07:42	0°♝		
morning max el	-4128 Jan 08 j 01:30	0°♛39'37	46°27'16	desc. node	-4126 Aug 15 j 21:10	27°♝22'50		
	-4128 Feb 04 j 20:42	0°♞			-4126 Aug 18 j 01:17	0°♞		
desc. node	-4128 Feb 29 j 04:07	27°♞22'09			-4126 Sep 12 j 04:26	0°♟		
	-4128 Mar 02 j 11:09	0°♟			-4126 Oct 08 j 03:23	0°♠		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4126 Oct 30 j 09:30	24° \mathbb{M} 03'27	47°20'26	asc. node	-4123 May 23 j 13:44	26° Υ 02'45	
	-4126 Nov 05 j 07:34	0° \mathcal{A}			-4123 May 26 j 18:40	0° \mathcal{B}	
asc. node	-4126 Dec 06 j 17:14	24° \mathcal{A} 33'00		max. Earth dist.	-4123 May 27 j 12:35	0° \mathcal{B} 55'19	1.73163 AU
greatest brilliancy	-4126 Dec 09 j 16:55	25° \mathcal{A} 51'46	-4.9m				
retrograde	-4126 Dec 20 j 11:21	28° \mathcal{A} 05'23		superior conj	-4123 May 31 j 06:29	5° \mathcal{B} 32'56	0°17'58
evening set	-4125 Jan 05 j 19:21	22° \mathcal{A} 45'47		minimum elong	-4123 May 31 j 03:00	5° \mathcal{B} 22'09	0°17'54
min. Earth dist.	-4125 Jan 09 j 14:19	20° \mathcal{A} 24'30	0.28188 AU		-4123 Jun 20 j 00:08	0° \mathbb{I}	
inferior conj	-4125 Jan 10 j 13:54	19° \mathcal{A} 46'48	7°07'04	evening rise	-4123 Jul 06 j 02:41	20° \mathbb{I} 01'57	
minimum elong	-4125 Jan 10 j 05:32	20° \mathcal{A} 00'12	7°05'35		-4123 Jul 14 j 02:39	0° \mathcal{E}	
morning rise	-4125 Jan 14 j 16:12	17° \mathcal{A} 13'01			-4123 Aug 07 j 03:53	0° \mathcal{Q}	
direct	-4125 Jan 31 j 12:22	11° \mathcal{A} 40'52			-4123 Aug 31 j 05:55	0° \mathcal{M}	
greatest brilliancy	-4125 Feb 09 j 07:37	13° \mathcal{A} 06'50	-4.8m	desc. node	-4123 Sep 12 j 09:24	15° \mathcal{M} 04'57	
	-4125 Mar 08 j 09:28	0° \mathcal{B}			-4123 Sep 24 j 10:41	0° \mathcal{L}	
morning max el	-4125 Mar 21 j 07:43	11° \mathcal{B} 39'01	45°53'52		-4123 Oct 18 j 20:21	0° \mathbb{M}	
desc. node	-4125 Mar 28 j 15:28	18° \mathcal{B} 48'19			-4123 Nov 12 j 14:56	0° \mathcal{A}	
	-4125 Apr 08 j 13:43	0° \approx			-4123 Dec 08 j 04:11	0° \mathcal{B}	
	-4125 May 06 j 00:58	0° \mathcal{H}		asc. node	-4122 Jan 03 j 04:59	28° \mathcal{B} 32'16	
	-4125 Jun 01 j 02:03	0° Υ			-4122 Jan 04 j 15:05	0° \approx	
	-4125 Jun 26 j 06:47	0° \mathcal{B}		evening max el	-4122 Jan 09 j 07:21	4° \approx 43'04	45°56'25
asc. node	-4125 Jul 19 j 12:01	28° \mathcal{B} 18'47			-4122 Feb 09 j 01:10	0° \mathcal{H}	
	-4125 Jul 20 j 20:52	0° \mathbb{I}		greatest brilliancy	-4122 Feb 16 j 17:21	3° \mathcal{H} 42'01	-4.7m
	-4125 Aug 14 j 00:11	0° \mathcal{E}		retrograde	-4122 Feb 27 j 14:17	5° \mathcal{H} 51'22	
greatest brilliancy	-4125 Sep 03 j 00:24	25° \mathcal{E} 08'48	-3.9m	evening set	-4122 Mar 16 j 15:02	0° \mathcal{H} 15'29	
	-4125 Sep 06 j 20:47	0° \mathcal{Q}			-4122 Mar 17 j 01:22	30° \mathcal{R} \approx	
morning set	-4125 Sep 15 j 01:51	10° \mathcal{Q} 21'55		inferior conj	-4122 Mar 21 j 00:36	27° \approx 31'19	6°47'32
	-4125 Sep 30 j 14:46	0° \mathcal{M}		minimum elong	-4122 Mar 21 j 08:59	27° \approx 18'02	6°46'06
	-4125 Oct 24 j 09:26	0° \mathcal{L}		min. Earth dist.	-4122 Mar 21 j 10:36	27° \approx 15'27	0.29363 AU
				morning rise	-4122 Mar 26 j 02:58	24° \approx 22'25	
superior conj	-4125 Oct 26 j 01:53	2° \mathcal{L} 07'22	0°30'19	direct	-4122 Apr 11 j 19:26	19° \approx 04'16	
minimum elong	-4125 Oct 26 j 09:42	2° \mathcal{L} 31'59	0°29'57	greatest brilliancy	-4122 Apr 22 j 00:34	20° \approx 57'19	-4.7m
max. Earth dist.	-4125 Oct 30 j 02:03	7° \mathcal{L} 09'57	1.71031 AU	desc. node	-4122 Apr 25 j 02:40	22° \approx 10'39	
desc. node	-4125 Nov 08 j 08:02	18° \mathcal{L} 47'15			-4122 May 08 j 10:45	0° \mathcal{H}	
	-4125 Nov 17 j 06:37	0° \mathbb{M}		morning max el	-4122 May 30 j 19:33	19° \mathcal{H} 02'42	45°54'26
evening rise	-4125 Dec 07 j 15:21	25° \mathbb{M} 27'02			-4122 Jun 10 j 20:12	0° Υ	
	-4125 Dec 11 j 07:00	0° \mathcal{A}			-4122 Jul 08 j 11:26	0° \mathcal{B}	
	-4124 Jan 04 j 11:01	0° \mathcal{B}			-4122 Aug 03 j 05:11	0° \mathbb{I}	
	-4124 Jan 28 j 19:54	0° \approx		asc. node	-4122 Aug 15 j 23:52	15° \mathbb{I} 23'08	
	-4124 Feb 22 j 12:00	0° \mathcal{H}			-4122 Aug 27 j 22:43	0° \mathcal{E}	
asc. node	-4124 Feb 29 j 02:50	7° \mathcal{H} 57'55			-4122 Sep 21 j 02:30	0° \mathcal{Q}	
	-4124 Mar 18 j 14:51	0° Υ			-4122 Oct 14 j 23:58	0° \mathcal{M}	
	-4124 Apr 13 j 09:58	0° \mathcal{B}			-4122 Nov 07 j 20:25	0° \mathcal{L}	
	-4124 May 10 j 09:06	0° \mathbb{I}		morning set	-4122 Dec 01 j 03:23	29° \mathcal{L} 11'36	
evening max el	-4124 Jun 03 j 07:01	24° \mathbb{I} 30'32	45°51'18		-4122 Dec 01 j 18:53	0° \mathbb{M}	
	-4124 Jun 09 j 03:33	0° \mathcal{E}		desc. node	-4122 Dec 05 j 20:21	5° \mathbb{M} 04'27	
desc. node	-4124 Jun 19 j 23:37	9° \mathcal{E} 21'10			-4122 Dec 25 j 20:23	0° \mathcal{A}	
greatest brilliancy	-4124 Jul 13 j 06:52	23° \mathcal{E} 19'41	-4.8m				
retrograde	-4124 Jul 22 j 15:29	24° \mathcal{E} 55'39		superior conj	-4121 Jan 11 j 16:19	20° \mathcal{A} 53'24	-1°11'24
evening set	-4124 Aug 09 j 10:20	19° \mathcal{E} 03'26		minimum elong	-4121 Jan 11 j 06:46	20° \mathcal{A} 23'49	1°11'20
inferior conj	-4124 Aug 12 j 12:10	17° \mathcal{E} 13'27	-8°53'06	max. Earth dist.	-4121 Jan 15 j 09:21	25° \mathcal{A} 29'14	1.72576 AU
minimum elong	-4124 Aug 12 j 09:52	17° \mathcal{E} 16'54	8°52'51		-4121 Jan 19 j 00:50	0° \mathcal{B}	
min. Earth dist.	-4124 Aug 12 j 20:48	17° \mathcal{E} 00'26	0.27205 AU		-4121 Feb 12 j 07:58	0° \approx	
morning rise	-4124 Aug 15 j 09:17	15° \mathcal{E} 30'05		evening rise	-4121 Feb 19 j 13:29	8° \approx 54'03	
direct	-4124 Sep 02 j 07:10	9° \mathcal{E} 26'47		greatest brilliancy	-4121 Feb 27 j 08:22	18° \approx 28'13	-3.9m
greatest brilliancy	-4124 Sep 13 j 04:17	11° \mathcal{E} 40'17	-4.9m		-4121 Mar 08 j 18:01	0° \mathcal{H}	
	-4124 Oct 09 j 17:12	0° \mathcal{Q}		asc. node	-4121 Mar 28 j 15:06	24° \mathcal{H} 17'24	
asc. node	-4124 Oct 10 j 20:37	1° \mathcal{Q} 02'35			-4121 Apr 02 j 07:40	0° Υ	
morning max el	-4124 Oct 23 j 03:41	13° \mathcal{Q} 02'30	46°52'18		-4121 Apr 27 j 01:46	0° \mathcal{B}	
	-4124 Nov 07 j 23:48	0° \mathcal{M}			-4121 May 22 j 01:43	0° \mathbb{I}	
	-4124 Dec 04 j 04:17	0° \mathcal{L}			-4121 Jun 16 j 10:29	0° \mathcal{E}	
	-4124 Dec 29 j 11:25	0° \mathbb{M}			-4121 Jul 12 j 11:02	0° \mathcal{Q}	
	-4123 Jan 23 j 11:32	0° \mathcal{A}		desc. node	-4121 Jul 18 j 11:15	6° \mathcal{Q} 45'21	
desc. node	-4123 Jan 30 j 18:30	8° \mathcal{A} 46'35			-4121 Aug 08 j 22:20	0° \mathcal{M}	
	-4123 Feb 17 j 08:49	0° \mathcal{B}		evening max el	-4121 Aug 17 j 05:16	8° \mathcal{M} 27'16	47°18'31
	-4123 Mar 14 j 03:54	0° \approx			-4121 Sep 10 j 12:09	0° \mathcal{L}	
	-4123 Apr 07 j 20:17	0° \mathcal{H}		greatest brilliancy	-4121 Sep 27 j 06:06	9° \mathcal{L} 27'59	-4.9m
morning set	-4123 Apr 25 j 11:03	21° \mathcal{H} 30'37		retrograde	-4121 Oct 06 j 18:40	11° \mathcal{L} 11'03	
	-4123 May 02 j 09:22	0° Υ		evening set	-4121 Oct 21 j 17:20	6° \mathcal{L} 44'00	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4121 Oct 27 j 07:30	3° Ω 24'29	-3°02'10	minimum elong	-4118 Mar 23 j 15:40	0° H 09'26	1°06'18
minimum elong	-4121 Oct 27 j 14:02	3° Ω 14'27	3°00'10	max. Earth dist.	-4118 Mar 22 j 23:21	29° \approx 19'22	1.73694 AU
min. Earth dist.	-4121 Oct 27 j 01:37	3° Ω 33'32	0.26404 AU		-4118 Mar 23 j 12:35	0° H	
morning rise	-4121 Nov 02 j 11:06	29° M 48'29			-4118 Apr 16 j 23:12	0° Y	
	-4121 Nov 02 j 02:29	30° K M		asc. node	-4118 Apr 25 j 03:30	10° Y 02'26	
asc. node	-4121 Nov 08 j 07:53	27° M 13'32		evening rise	-4118 Apr 28 j 10:39	14° Y 05'22	
direct	-4121 Nov 16 j 13:28	25° M 49'33			-4118 May 11 j 09:36	0° B	
greatest brilliancy	-4121 Nov 26 j 09:47	27° M 40'58	-4.9m		-4118 Jun 04 j 19:50	0° II	
	-4121 Dec 01 j 16:05	0° Ω			-4118 Jun 29 j 06:42	0° G	
morning max el	-4120 Jan 05 j 13:59	28° Ω 13'04	46°28'34		-4118 Jul 23 j 19:54	0° Ω	
	-4120 Jan 07 j 08:49	0° M		desc. node	-4118 Aug 14 j 23:14	26° Ω 49'55	
	-4120 Feb 04 j 13:16	0° X			-4118 Aug 17 j 14:22	0° M	
desc. node	-4120 Feb 28 j 06:09	26° X 47'22			-4118 Sep 11 j 18:55	0° Ω	
	-4120 Mar 02 j 01:08	0° B			-4118 Oct 07 j 20:35	0° M	
	-4120 Mar 27 j 19:16	0° \approx		evening max el	-4118 Oct 28 j 00:27	21° M 42'20	47°22'22
	-4120 Apr 22 j 02:09	0° H			-4118 Nov 05 j 08:39	0° X	
	-4120 May 16 j 23:59	0° Y		asc. node	-4118 Dec 05 j 19:32	22° X 54'15	
	-4120 Jun 10 j 13:35	0° B		greatest brilliancy	-4118 Dec 07 j 09:08	23° X 33'38	-4.9m
asc. node	-4120 Jun 20 j 02:04	11° B 43'46		retrograde	-4118 Dec 18 j 03:23	25° X 47'32	
morning set	-4120 Jul 01 j 16:16	26° B 05'22		evening set	-4117 Jan 03 j 07:56	20° X 32'23	
	-4120 Jul 04 j 19:46	0° II		min. Earth dist.	-4117 Jan 07 j 05:11	18° X 08'10	0.28113 AU
	-4120 Jul 28 j 20:01	0° G		inferior conj	-4117 Jan 08 j 05:22	17° X 29'37	6°56'14
max. Earth dist.	-4120 Aug 04 j 14:29	8° G 29'59	1.71463 AU	minimum elong	-4117 Jan 07 j 20:40	17° X 43'29	6°54'35
				morning rise	-4117 Jan 12 j 09:55	14° X 52'47	
superior conj	-4120 Aug 07 j 23:46	12° G 45'20	1°22'23	direct	-4117 Jan 29 j 02:35	9° X 24'41	
minimum elong	-4120 Aug 07 j 20:07	12° G 33'51	1°22'32	greatest brilliancy	-4117 Feb 06 j 22:13	10° X 51'13	-4.8m
	-4120 Aug 21 j 16:41	0° Ω			-4117 Mar 08 j 15:01	0° B	
	-4120 Sep 14 j 12:27	0° M		morning max el	-4117 Mar 18 j 23:20	9° B 27'13	45°54'39
evening rise	-4120 Sep 16 j 09:13	2° M 20'49		desc. node	-4117 Mar 27 j 17:35	18° B 03'13	
	-4120 Oct 08 j 09:33	0° Ω			-4117 Apr 08 j 07:09	0° \approx	
desc. node	-4120 Oct 09 j 21:45	1° Ω 53'23			-4117 May 05 j 15:01	0° H	
	-4120 Nov 01 j 09:28	0° M			-4117 May 31 j 14:36	0° Y	
	-4120 Nov 25 j 13:26	0° X			-4117 Jun 25 j 18:35	0° B	
	-4120 Dec 19 j 23:42	0° B		asc. node	-4117 Jul 18 j 14:05	27° B 50'06	
	-4119 Jan 13 j 21:07	0° \approx			-4117 Jul 20 j 08:14	0° II	
asc. node	-4119 Jan 30 j 16:45	19° \approx 44'48			-4117 Aug 13 j 11:20	0° G	
	-4119 Feb 08 j 15:18	0° H		greatest brilliancy	-4117 Sep 02 j 12:37	25° G 12'22	-3.9m
	-4119 Mar 08 j 03:48	0° Y			-4117 Sep 06 j 07:51	0° Ω	
evening max el	-4119 Mar 21 j 02:27	12° Y 52'30	45°06'49	morning set	-4117 Sep 12 j 14:14	7° Ω 54'33	
	-4119 Apr 10 j 02:26	0° B			-4117 Sep 30 j 01:50	0° M	
greatest brilliancy	-4119 Apr 27 j 18:26	10° B 01'06	-4.7m				
retrograde	-4119 May 08 j 06:17	11° B 58'58		superior conj	-4117 Oct 23 j 10:59	29° M 29'57	0°34'00
desc. node	-4119 May 22 j 14:13	8° B 05'39		minimum elong	-4117 Oct 23 j 19:35	29° M 57'01	0°33'38
evening set	-4119 May 23 j 03:13	7° B 48'42			-4117 Oct 23 j 20:32	0° Ω	
inferior conj	-4119 May 29 j 15:08	4° B 01'02	-1°38'14	max. Earth dist.	-4117 Oct 27 j 08:49	4° Ω 25'18	1.71007 AU
minimum elong	-4119 May 29 j 11:32	4° B 06'34	1°37'06	desc. node	-4117 Nov 07 j 10:13	18° Ω 19'15	
min. Earth dist.	-4119 May 30 j 04:53	3° B 39'54	0.28498 AU		-4117 Nov 16 j 17:45	0° M	
morning rise	-4119 Jun 04 j 19:00	0° B 21'34		evening rise	-4117 Dec 05 j 01:20	22° M 53'48	
	-4119 Jun 05 j 10:56	30° K Y			-4117 Dec 10 j 18:09	0° X	
direct	-4119 Jun 20 j 05:50	25° Y 48'44			-4116 Jan 03 j 22:13	0° B	
greatest brilliancy	-4119 Jul 01 j 10:26	28° Y 02'58	-4.8m		-4116 Jan 28 j 07:16	0° \approx	
	-4119 Jul 05 j 20:10	0° B			-4116 Feb 21 j 23:43	0° H	
morning max el	-4119 Aug 09 j 01:19	27° B 10'15	46°28'13	asc. node	-4116 Feb 28 j 04:53	7° H 28'31	
	-4119 Aug 11 j 21:08	0° II			-4116 Mar 18 j 03:19	0° Y	
	-4119 Sep 08 j 11:49	0° G			-4116 Apr 12 j 23:54	0° B	
asc. node	-4119 Sep 12 j 11:27	4° G 35'24			-4116 May 10 j 02:15	0° II	
	-4119 Oct 03 j 22:29	0° Ω		evening max el	-4116 May 31 j 21:41	22° II 14'09	45°48'32
	-4119 Oct 28 j 12:07	0° M			-4116 Jun 09 j 06:53	0° G	
	-4119 Nov 21 j 18:15	0° Ω		desc. node	-4116 Jun 19 j 01:49	8° G 13'26	
	-4119 Dec 15 j 23:38	0° M		greatest brilliancy	-4116 Jul 10 j 17:32	20° G 55'00	-4.8m
desc. node	-4118 Jan 02 j 08:40	21° M 27'50		retrograde	-4116 Jul 20 j 04:26	22° G 32'17	
	-4118 Jan 09 j 06:48	0° X		evening set	-4116 Aug 06 j 20:31	16° G 43'46	
	-4118 Feb 02 j 15:50	0° B		inferior conj	-4116 Aug 10 j 01:00	14° G 49'44	-8°49'37
morning set	-4118 Feb 14 j 00:19	13° B 57'07		minimum elong	-4116 Aug 09 j 21:48	14° G 54'34	8°49'19
	-4118 Feb 27 j 02:00	0° \approx		min. Earth dist.	-4116 Aug 10 j 09:00	14° G 37'40	0.27247 AU
				morning rise	-4116 Aug 12 j 22:59	13° G 05'04	
superior conj	-4118 Mar 23 j 07:14	29° \approx 43'35	-1°06'26	direct	-4116 Aug 30 j 21:27	7° G 02'36	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4116 Sep 10 j 17:23	9° \mathfrak{D} 15'12	-4.9m	evening rise	-4113 Feb 17 j 05:19	6° \approx 41'50	
asc. node	-4116 Oct 09 j 22:44	0° \mathcal{O} 01'35		greatest brilliancy	-4113 Feb 26 j 09:27	17° \approx 58'17	-3.9m
	-4116 Oct 09 j 22:04	0° \mathcal{O}			-4113 Mar 08 j 04:54	0° \mathfrak{H}	
morning max el	-4116 Oct 20 j 17:47	10° \mathcal{O} 38'10	46°52'15	asc. node	-4113 Mar 27 j 17:15	23° \mathfrak{H} 50'21	
	-4116 Nov 07 j 17:45	0° \mathfrak{M}			-4113 Apr 01 j 18:45	0° \mathfrak{Y}	
	-4116 Dec 03 j 19:00	0° \mathfrak{L}			-4113 Apr 26 j 13:18	0° \mathfrak{B}	
	-4116 Dec 29 j 00:35	0° \mathfrak{M}			-4113 May 21 j 14:00	0° \mathfrak{I}	
	-4115 Jan 22 j 23:47	0° \mathfrak{J}			-4113 Jun 16 j 00:01	0° \mathfrak{D}	
desc. node	-4115 Jan 29 j 20:29	8° \mathfrak{J} 16'13			-4113 Jul 12 j 02:50	0° \mathcal{O}	
	-4115 Feb 16 j 20:27	0° \mathfrak{Z}		desc. node	-4113 Jul 17 j 13:16	6° \mathcal{O} 04'53	
	-4115 Mar 13 j 15:06	0° \approx			-4113 Aug 08 j 19:25	0° \mathfrak{M}	
	-4115 Apr 07 j 07:12	0° \mathfrak{H}		evening max el	-4113 Aug 14 j 18:05	6° \mathfrak{M} 01'01	47°16'09
morning set	-4115 Apr 23 j 06:00	19° \mathfrak{H} 28'48			-4113 Sep 11 j 12:37	0° \mathfrak{L}	
	-4115 May 01 j 20:07	0° \mathfrak{Y}		greatest brilliancy	-4113 Sep 24 j 20:30	7° \mathfrak{L} 00'09	-4.9m
asc. node	-4115 May 22 j 15:57	25° \mathfrak{Y} 36'35		retrograde	-4113 Oct 04 j 06:25	8° \mathfrak{L} 41'02	
max. Earth dist.	-4115 May 25 j 08:39	28° \mathfrak{Y} 56'07	1.73206 AU	evening set	-4113 Oct 19 j 08:05	4° \mathfrak{L} 11'28	
	-4115 May 26 j 05:22	0° \mathfrak{B}		inferior conj	-4113 Oct 24 j 19:51	0° \mathfrak{L} 55'37	-3°25'03
				minimum elong	-4113 Oct 25 j 03:06	0° \mathfrak{L} 44'29	3°22'52
superior conj	-4115 May 29 j 01:11	3° \mathfrak{B} 29'21	0°14'57	min. Earth dist.	-4113 Oct 24 j 15:40	1° \mathfrak{L} 02'03	0.26390 AU
minimum elong	-4115 May 28 j 22:16	3° \mathfrak{B} 20'20	0°14'55		-4113 Oct 26 j 08:10	30° \mathfrak{R} \mathfrak{M}	
behind sun begin	-4115 May 28 j 14:44	2° \mathfrak{B} 57'05		morning rise	-4113 Oct 30 j 22:22	27° \mathfrak{M} 20'52	
behind sun end	-4115 May 29 j 05:48	3° \mathfrak{B} 43'35		asc. node	-4113 Nov 07 j 10:09	24° \mathfrak{M} 15'25	
	-4115 Jun 19 j 10:55	0° \mathfrak{I}		direct	-4113 Nov 14 j 01:13	23° \mathfrak{M} 20'55	
evening rise	-4115 Jul 03 j 20:23	17° \mathfrak{I} 53'40		greatest brilliancy	-4113 Nov 24 j 00:03	25° \mathfrak{M} 14'11	-4.9m
	-4115 Jul 13 j 13:37	0° \mathfrak{D}			-4113 Dec 03 j 13:12	0° \mathfrak{L}	
	-4115 Aug 06 j 15:06	0° \mathcal{O}		morning max el	-4112 Jan 03 j 02:21	25° \mathfrak{L} 47'07	46°30'00
	-4115 Aug 30 j 17:26	0° \mathfrak{M}			-4112 Jan 07 j 06:46	0° \mathfrak{M}	
desc. node	-4115 Sep 11 j 11:28	14° \mathfrak{M} 35'11			-4112 Feb 04 j 05:10	0° \mathfrak{J}	
	-4115 Sep 23 j 22:33	0° \mathfrak{L}		desc. node	-4112 Feb 27 j 08:17	26° \mathfrak{J} 14'10	
	-4115 Oct 18 j 08:44	0° \mathfrak{M}			-4112 Mar 01 j 14:38	0° \mathfrak{Z}	
	-4115 Nov 12 j 04:12	0° \mathfrak{J}			-4112 Mar 27 j 07:31	0° \approx	
	-4115 Dec 07 j 19:17	0° \mathfrak{Z}			-4112 Apr 21 j 13:41	0° \mathfrak{H}	
asc. node	-4114 Jan 02 j 07:03	27° \mathfrak{Z} 47'07			-4112 May 16 j 11:06	0° \mathfrak{Y}	
	-4114 Jan 04 j 11:12	0° \approx			-4112 Jun 10 j 00:30	0° \mathfrak{B}	
evening max el	-4114 Jan 06 j 23:24	2° \approx 30'55	45°59'09	asc. node	-4112 Jun 19 j 04:08	11° \mathfrak{B} 16'35	
	-4114 Feb 10 j 18:08	0° \mathfrak{H}		morning set	-4112 Jun 29 j 09:16	23° \mathfrak{B} 55'24	
greatest brilliancy	-4114 Feb 14 j 10:48	1° \mathfrak{H} 35'30	-4.7m		-4112 Jul 04 j 06:37	0° \mathfrak{I}	
retrograde	-4114 Feb 25 j 07:14	3° \mathfrak{H} 44'24			-4112 Jul 28 j 06:53	0° \mathfrak{D}	
	-4114 Mar 11 j 00:55	30° \mathfrak{R} \approx		max. Earth dist.	-4112 Aug 02 j 03:39	6° \mathfrak{D} 06'26	1.71520 AU
evening set	-4114 Mar 14 j 10:26	28° \approx 05'10					
inferior conj	-4114 Mar 18 j 17:41	25° \approx 24'01	6°57'50	superior conj	-4112 Aug 05 j 14:40	10° \mathfrak{D} 27'10	1°21'38
minimum elong	-4114 Mar 19 j 01:47	25° \approx 11'08	6°56'32	minimum elong	-4112 Aug 05 j 10:19	10° \mathfrak{D} 13'29	1°21'47
min. Earth dist.	-4114 Mar 19 j 02:42	25° \approx 09'41	0.29364 AU		-4112 Aug 21 j 03:38	0° \mathcal{O}	
morning rise	-4114 Mar 23 j 17:13	22° \approx 18'51		evening rise	-4112 Sep 13 j 19:47	29° \mathcal{O} 48'16	
direct	-4114 Apr 09 j 12:29	16° \approx 57'15			-4112 Sep 13 j 23:31	0° \mathfrak{M}	
greatest brilliancy	-4114 Apr 19 j 15:30	18° \approx 48'20	-4.7m		-4112 Oct 07 j 20:47	0° \mathfrak{L}	
desc. node	-4114 Apr 24 j 04:52	20° \approx 41'24		desc. node	-4112 Oct 08 j 23:56	1° \mathfrak{L} 25'02	
	-4114 May 09 j 00:41	0° \mathfrak{H}			-4112 Oct 31 j 20:54	0° \mathfrak{M}	
morning max el	-4114 May 28 j 11:17	16° \mathfrak{H} 52'39	45°53'38		-4112 Nov 25 j 01:04	0° \mathfrak{J}	
	-4114 Jun 10 j 14:37	0° \mathfrak{Y}			-4112 Dec 19 j 11:41	0° \mathfrak{Z}	
	-4114 Jul 08 j 01:49	0° \mathfrak{B}			-4111 Jan 13 j 09:49	0° \approx	
	-4114 Aug 02 j 17:57	0° \mathfrak{I}		asc. node	-4111 Jan 29 j 18:51	19° \approx 11'35	
asc. node	-4114 Aug 15 j 01:54	14° \mathfrak{I} 51'51			-4111 Feb 08 j 05:36	0° \mathfrak{H}	
	-4114 Aug 27 j 10:43	0° \mathfrak{D}			-4111 Mar 07 j 22:19	0° \mathfrak{Y}	
	-4114 Sep 20 j 14:06	0° \mathcal{O}		evening max el	-4111 Mar 18 j 17:11	10° \mathfrak{Y} 40'03	45°07'01
	-4114 Oct 14 j 11:20	0° \mathfrak{M}			-4111 Apr 10 j 19:03	0° \mathfrak{B}	
	-4114 Nov 07 j 07:36	0° \mathfrak{L}		greatest brilliancy	-4111 Apr 25 j 08:46	7° \mathfrak{B} 49'43	-4.7m
morning set	-4114 Nov 28 j 13:32	26° \mathfrak{L} 38'45		retrograde	-4111 May 05 j 21:51	9° \mathfrak{B} 48'52	
	-4114 Dec 01 j 05:54	0° \mathfrak{M}		evening set	-4111 May 20 j 18:42	5° \mathfrak{B} 37'39	
desc. node	-4114 Dec 04 j 22:32	4° \mathfrak{M} 36'51		desc. node	-4111 May 21 j 16:24	5° \mathfrak{B} 08'23	
	-4114 Dec 25 j 07:18	0° \mathfrak{J}		inferior conj	-4111 May 27 j 06:40	1° \mathfrak{B} 49'54	-1°18'11
				minimum elong	-4111 May 27 j 03:47	1° \mathfrak{B} 54'20	1°17'15
superior conj	-4113 Jan 09 j 05:00	18° \mathfrak{J} 30'19	-1°09'28	min. Earth dist.	-4111 May 27 j 20:52	1° \mathfrak{B} 28'05	0.28544 AU
minimum elong	-4113 Jan 08 j 19:01	17° \mathfrak{J} 59'23	1°09'22		-4111 May 30 j 06:43	30° \mathfrak{R} \mathfrak{Y}	
max. Earth dist.	-4113 Jan 13 j 03:19	23° \mathfrak{J} 22'35	1.72519 AU	morning rise	-4111 Jun 02 j 12:02	28° \mathfrak{Y} 08'29	
	-4113 Jan 18 j 11:40	0° \mathfrak{Z}		direct	-4111 Jun 17 j 21:41	23° \mathfrak{Y} 36'32	
	-4113 Feb 11 j 18:46	0° \approx		greatest brilliancy	-4111 Jun 29 j 02:59	25° \mathfrak{Y} 51'35	-4.8m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4111 Jul 07 j 12:37	0°♄				-4108 Feb 21 j 11:36	0°♄	
morning max el	-4111 Aug 06 j 16:57	24°♄55'07	46°27'00	asc. node		-4108 Feb 27 j 07:06	6°♄59'09	
	-4111 Aug 11 j 17:58	0°♄				-4108 Mar 17 j 15:58	0°♄	
	-4111 Sep 08 j 03:21	0°♄				-4108 Apr 12 j 14:04	0°♄	
asc. node	-4111 Sep 11 j 13:39	3°♄57'51				-4108 May 09 j 19:52	0°♄	
	-4111 Oct 03 j 12:02	0°♄		evening max el		-4108 May 29 j 12:10	19°♄57'07	45°45'42
	-4111 Oct 28 j 00:41	0°♄				-4108 Jun 09 j 12:08	0°♄	
	-4111 Nov 21 j 06:16	0°♄		desc. node		-4108 Jun 18 j 03:48	7°♄02'59	
	-4111 Dec 15 j 11:16	0°♄		greatest brilliancy		-4108 Jul 08 j 04:36	18°♄30'32	-4.8m
desc. node	-4110 Jan 01 j 10:37	20°♄58'42		retrograde		-4108 Jul 17 j 16:52	20°♄08'25	
	-4110 Jan 08 j 18:07	0°♄		evening set		-4108 Aug 04 j 06:20	14°♄24'19	
	-4110 Feb 02 j 02:53	0°♄		inferior conj		-4108 Aug 07 j 13:51	12°♄25'37	-8°45'15
morning set	-4110 Feb 11 j 15:27	11°♄42'27		minimum elong		-4108 Aug 07 j 09:46	12°♄31'48	8°44'50
	-4110 Feb 26 j 12:51	0°♄		min. Earth dist.		-4108 Aug 07 j 21:27	12°♄14'09	0.27292 AU
				morning rise		-4108 Aug 10 j 13:05	10°♄38'55	
superior conj	-4110 Mar 21 j 01:21	27°♄38'53	-1°08'17	direct		-4108 Aug 28 j 11:29	4°♄37'56	
minimum elong	-4110 Mar 21 j 09:38	28°♄04'19	1°08'09	greatest brilliancy		-4108 Sep 08 j 06:47	6°♄49'34	-4.9m
max. Earth dist.	-4110 Mar 20 j 20:37	27°♄24'22	1.73681 AU	asc. node		-4108 Oct 09 j 01:00	29°♄01'15	
	-4110 Mar 22 j 23:20	0°♄				-4108 Oct 10 j 01:37	0°♄	
	-4110 Apr 16 j 09:58	0°♄		morning max el		-4108 Oct 18 j 06:56	8°♄10'16	46°52'06
asc. node	-4110 Apr 24 j 05:43	9°♄36'09				-4108 Nov 07 j 11:41	0°♄	
evening rise	-4110 Apr 26 j 06:09	12°♄04'44				-4108 Dec 03 j 09:52	0°♄	
	-4110 May 10 j 20:32	0°♄				-4108 Dec 28 j 13:55	0°♄	
	-4110 Jun 04 j 07:04	0°♄				-4107 Jan 22 j 12:11	0°♄	
	-4110 Jun 28 j 18:21	0°♄		desc. node		-4107 Jan 28 j 22:39	7°♄45'52	
	-4110 Jul 23 j 08:11	0°♄				-4107 Feb 16 j 08:16	0°♄	
desc. node	-4110 Aug 14 j 01:19	26°♄16'53				-4107 Mar 13 j 02:30	0°♄	
	-4110 Aug 17 j 03:32	0°♄				-4107 Apr 06 j 18:20	0°♄	
	-4110 Sep 11 j 09:32	0°♄		morning set		-4107 Apr 21 j 01:05	17°♄26'43	
	-4110 Oct 07 j 14:04	0°♄				-4107 May 01 j 07:06	0°♄	
evening max el	-4110 Oct 25 j 16:12	19°♄23'28	47°24'22	asc. node		-4107 May 21 j 18:02	25°♄09'20	
	-4110 Nov 05 j 10:58	0°♄		max. Earth dist.		-4107 May 23 j 03:55	26°♄53'47	1.73248 AU
asc. node	-4110 Dec 04 j 21:37	21°♄11'41				-4107 May 25 j 16:18	0°♄	
greatest brilliancy	-4110 Dec 05 j 00:46	21°♄14'49	-4.9m					
retrograde	-4110 Dec 15 j 19:41	23°♄29'27		superior conj		-4107 May 26 j 20:12	1°♄26'06	0°11'57
evening set	-4110 Dec 31 j 20:29	18°♄18'39		minimum elong		-4107 May 26 j 17:51	1°♄18'52	0°11'55
min. Earth dist.	-4109 Jan 04 j 19:41	15°♄51'52	0.28037 AU	behind sun begin		-4107 May 26 j 03:08	0°♄33'24	
inferior conj	-4109 Jan 05 j 20:43	15°♄12'03	6°44'38	behind sun end		-4107 May 27 j 08:35	2°♄04'20	
minimum elong	-4109 Jan 05 j 11:47	15°♄26'16	6°42'51			-4107 Jun 18 j 21:55	0°♄	
morning rise	-4109 Jan 10 j 03:40	12°♄32'08		evening rise		-4107 Jul 01 j 14:25	15°♄45'54	
direct	-4109 Jan 26 j 17:23	7°♄08'16				-4107 Jul 13 j 00:48	0°♄	
greatest brilliancy	-4109 Feb 04 j 12:17	8°♄34'49	-4.8m			-4107 Aug 06 j 02:34	0°♄	
	-4109 Mar 08 j 18:43	0°♄				-4107 Aug 30 j 05:15	0°♄	
morning max el	-4109 Mar 16 j 15:25	7°♄16'31	45°55'28	desc. node		-4107 Sep 10 j 13:39	14°♄04'46	
desc. node	-4109 Mar 26 j 19:44	17°♄18'54				-4107 Sep 23 j 10:48	0°♄	
	-4109 Apr 08 j 00:13	0°♄				-4107 Oct 17 j 21:33	0°♄	
	-4109 May 05 j 04:56	0°♄				-4107 Nov 11 j 17:58	0°♄	
	-4109 May 31 j 03:06	0°♄				-4107 Dec 07 j 11:00	0°♄	
	-4109 Jun 25 j 06:22	0°♄		asc. node		-4106 Jan 01 j 09:11	27°♄00'25	
asc. node	-4109 Jul 17 j 16:10	27°♄21'18				-4106 Jan 04 j 08:26	0°♄	
	-4109 Jul 19 j 19:40	0°♄		evening max el		-4106 Jan 04 j 14:23	0°♄14'51	46°02'07
	-4109 Aug 12 j 22:36	0°♄		greatest brilliancy		-4106 Feb 12 j 04:36	29°♄28'21	-4.7m
greatest brilliancy	-4109 Sep 01 j 23:12	25°♄10'18	-3.9m			-4106 Feb 13 j 16:10	0°♄	
	-4109 Sep 05 j 19:04	0°♄		retrograde		-4106 Feb 22 j 23:54	1°♄36'39	
morning set	-4109 Sep 10 j 02:25	5°♄26'04				-4106 Mar 03 j 22:46	30°♄	
	-4109 Sep 29 j 13:04	0°♄		evening set		-4106 Mar 12 j 05:48	25°♄54'00	
				inferior conj		-4106 Mar 16 j 10:50	23°♄15'57	7°07'41
superior conj	-4109 Oct 20 j 19:51	26°♄51'18	0°37'39	minimum elong		-4106 Mar 16 j 18:36	23°♄03'33	7°06'29
minimum elong	-4109 Oct 21 j 05:08	27°♄20'35	0°37'16	min. Earth dist.		-4106 Mar 16 j 19:04	23°♄02'49	0.29360 AU
	-4109 Oct 23 j 07:46	0°♄		morning rise		-4106 Mar 21 j 07:29	20°♄14'35	
max. Earth dist.	-4109 Oct 24 j 16:49	1°♄44'05	1.70977 AU	direct		-4106 Apr 07 j 05:06	14°♄49'19	
desc. node	-4109 Nov 06 j 12:20	17°♄50'41		greatest brilliancy		-4106 Apr 17 j 06:59	16°♄39'02	-4.7m
	-4109 Nov 16 j 04:58	0°♄		desc. node		-4106 Apr 23 j 07:04	19°♄14'10	
evening rise	-4109 Dec 02 j 11:01	20°♄19'18				-4106 May 09 j 11:29	0°♄	
	-4109 Dec 10 j 05:23	0°♄		morning max el		-4106 May 26 j 02:28	14°♄40'21	45°53'01
	-4108 Jan 03 j 09:32	0°♄				-4106 Jun 10 j 08:54	0°♄	
	-4108 Jan 27 j 18:46	0°♄				-4106 Jul 07 j 16:21	0°♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4106 Aug 02 j 06:56	0°♐		asc. node	-4103 Jan 28 j 21:04	18°♊37'24	
asc. node	-4106 Aug 14 j 04:10	14°♐20'35			-4103 Feb 07 j 20:27	0°♋	
	-4106 Aug 26 j 22:57	0°♑			-4103 Mar 07 j 17:46	0°♌	
	-4106 Sep 20 j 01:58	0°♒		evening max el	-4103 Mar 16 j 08:43	8°♌28'38	45°07'31
	-4106 Oct 13 j 23:00	0°♓			-4103 Apr 11 j 18:06	0°♍	
	-4106 Nov 06 j 19:07	0°♈		greatest brilliancy	-4103 Apr 22 j 23:08	5°♍37'50	-4.7m
morning set	-4106 Nov 25 j 23:12	24°♈02'59		retrograde	-4103 May 03 j 13:57	7°♍38'15	
	-4106 Nov 30 j 17:20	0°♉		evening set	-4103 May 18 j 10:33	3°♍26'06	
desc. node	-4106 Dec 04 j 00:32	4°♉07'28		desc. node	-4103 May 20 j 18:24	2°♍08'30	
	-4106 Dec 24 j 18:38	0°♊			-4103 May 24 j 08:09	30°♌♑	
				inferior conj	-4103 May 24 j 22:18	29°♌38'17	-0°58'09
superior conj	-4105 Jan 06 j 17:06	16°♊04'09	-1°07'21	minimum elong	-4103 May 24 j 20:10	29°♌41'34	0°57'26
minimum elong	-4105 Jan 06 j 06:45	15°♊32'01	1°07'14	min. Earth dist.	-4103 May 25 j 12:38	29°♌16'16	0.28588 AU
max. Earth dist.	-4105 Jan 10 j 18:51	21°♊07'11	1.72457 AU	morning rise	-4103 May 31 j 05:02	25°♌55'09	
	-4105 Jan 17 j 22:53	0°♋		direct	-4103 Jun 15 j 14:04	21°♌24'03	
	-4105 Feb 11 j 05:56	0°♌		greatest brilliancy	-4103 Jun 26 j 18:54	23°♌39'05	-4.8m
evening rise	-4105 Feb 14 j 20:41	4°♌27'02			-4103 Jul 08 j 17:04	0°♍	
greatest brilliancy	-4105 Feb 25 j 01:58	17°♌00'59	-3.9m	morning max el	-4103 Aug 04 j 09:15	22°♍41'14	46°25'40
	-4105 Mar 07 j 16:07	0°♋			-4103 Aug 11 j 14:25	0°♎	
asc. node	-4105 Mar 26 j 19:26	23°♋22'17			-4103 Sep 07 j 18:55	0°♏	
	-4105 Apr 01 j 06:12	0°♌		asc. node	-4103 Sep 10 j 15:47	3°♏19'43	
	-4105 Apr 26 j 01:13	0°♍			-4103 Oct 03 j 01:42	0°♐	
	-4105 May 21 j 02:42	0°♎			-4103 Oct 27 j 13:25	0°♑	
	-4105 Jun 15 j 14:00	0°♏			-4103 Nov 20 j 18:26	0°♒	
	-4105 Jul 11 j 19:12	0°♐			-4103 Dec 14 j 23:03	0°♓	
desc. node	-4105 Jul 16 j 15:29	5°♐23'37		desc. node	-4103 Dec 31 j 12:47	20°♓29'43	
	-4105 Aug 08 j 17:33	0°♑			-4102 Jan 08 j 05:36	0°♈	
evening max el	-4105 Aug 12 j 06:02	3°♑32'04	47°13'48		-4102 Feb 01 j 14:08	0°♉	
	-4105 Sep 12 j 23:02	0°♒		morning set	-4102 Feb 09 j 06:26	9°♉26'36	
greatest brilliancy	-4105 Sep 22 j 10:38	4°♒31'22	-4.9m		-4102 Feb 25 j 23:55	0°♊	
retrograde	-4105 Oct 01 j 18:12	6°♒10'35					
evening set	-4105 Oct 16 j 22:56	1°♒37'48		superior conj	-4102 Mar 18 j 19:13	25°♒32'39	-1°10'02
	-4105 Oct 19 j 18:29	30°♒♓		minimum elong	-4102 Mar 19 j 03:18	25°♒57'28	1°09'56
inferior conj	-4105 Oct 22 j 08:14	28°♓25'59	-3°47'31	max. Earth dist.	-4102 Mar 18 j 18:33	25°♒30'36	1.73668 AU
minimum elong	-4105 Oct 22 j 16:09	28°♓13'51	3°45'10		-4102 Mar 22 j 10:20	0°♋	
min. Earth dist.	-4105 Oct 22 j 05:40	28°♓29'55	0.26386 AU		-4102 Apr 15 j 20:59	0°♌	
morning rise	-4105 Oct 28 j 09:28	24°♓53'00		asc. node	-4102 Apr 23 j 07:44	9°♌08'31	
asc. node	-4105 Nov 06 j 12:14	21°♓22'40		evening rise	-4102 Apr 24 j 01:25	10°♌02'45	
direct	-4105 Nov 11 j 13:03	20°♓51'10			-4102 May 10 j 07:40	0°♍	
greatest brilliancy	-4105 Nov 21 j 14:31	22°♓46'43	-4.9m		-4102 Jun 03 j 18:29	0°♎	
	-4105 Dec 04 j 20:32	0°♈			-4102 Jun 28 j 06:13	0°♏	
morning max el	-4105 Dec 31 j 15:24	23°♈21'19	46°31'20		-4102 Jul 22 j 20:42	0°♐	
	-4104 Jan 07 j 04:26	0°♉		desc. node	-4102 Aug 13 j 03:30	25°♐43'24	
	-4104 Feb 03 j 21:18	0°♊			-4102 Aug 16 j 17:00	0°♑	
desc. node	-4104 Feb 26 j 10:29	25°♊40'02			-4102 Sep 11 j 00:31	0°♒	
	-4104 Mar 01 j 04:27	0°♋			-4102 Oct 07 j 08:06	0°♓	
	-4104 Mar 26 j 20:06	0°♌		evening max el	-4102 Oct 23 j 08:44	17°♓06'12	47°26'14
	-4104 Apr 21 j 01:32	0°♍			-4102 Nov 05 j 14:58	0°♈	
	-4104 May 15 j 22:31	0°♎		greatest brilliancy	-4102 Dec 02 j 16:28	18°♈55'52	-4.9m
	-4104 Jun 09 j 11:43	0°♏		asc. node	-4102 Dec 03 j 23:43	19°♈25'10	
asc. node	-4104 Jun 18 j 06:12	10°♏48'28		retrograde	-4102 Dec 13 j 12:11	21°♈10'56	
morning set	-4104 Jun 27 j 02:27	21°♏45'13		evening set	-4102 Dec 29 j 09:11	16°♈04'44	
	-4104 Jul 03 j 17:46	0°♐		min. Earth dist.	-4101 Jan 02 j 10:07	13°♈35'27	0.27958 AU
	-4104 Jul 27 j 18:03	0°♑		inferior conj	-4101 Jan 03 j 12:05	12°♈54'13	6°32'18
max. Earth dist.	-4104 Jul 30 j 18:07	3°♑46'04	1.71574 AU	minimum elong	-4101 Jan 03 j 02:59	13°♈08'41	6°30'25
				morning rise	-4101 Jan 07 j 21:28	10°♈11'04	
superior conj	-4104 Aug 03 j 05:54	8°♑09'07	1°20'46	direct	-4101 Jan 24 j 08:28	4°♈51'54	
minimum elong	-4104 Aug 03 j 00:54	7°♑53'22	1°20'53	greatest brilliancy	-4101 Feb 02 j 02:00	6°♈17'49	-4.8m
	-4104 Aug 20 j 14:52	0°♒			-4101 Mar 08 j 20:55	0°♉	
evening rise	-4104 Sep 11 j 06:54	27°♒16'34		morning max el	-4101 Mar 14 j 07:16	5°♉05'03	45°56'09
	-4104 Sep 13 j 10:52	0°♓		desc. node	-4101 Mar 25 j 21:52	16°♉34'55	
	-4104 Oct 07 j 08:17	0°♈			-4101 Apr 07 j 17:03	0°♊	
desc. node	-4104 Oct 08 j 02:01	0°♈55'33			-4101 May 04 j 18:51	0°♋	
	-4104 Oct 31 j 08:34	0°♉			-4101 May 30 j 15:40	0°♌	
	-4104 Nov 24 j 13:00	0°♊			-4101 Jun 24 j 18:13	0°♍	
	-4104 Dec 19 j 00:01	0°♋		asc. node	-4101 Jul 16 j 18:25	26°♍52'52	
	-4103 Jan 12 j 22:56	0°♌			-4101 Jul 19 j 07:07	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4101 Aug 12 j 09:53	0°☿		greatest brilliancy	-4098 Feb 09 j 22:17	27°☿21'30	-4.8m
greatest brilliancy	-4101 Sep 01 j 01:01	24°☿40'36	-3.9m	retrograde	-4098 Feb 20 j 16:42	29°☿29'41	
	-4101 Sep 05 j 06:18	0°♌		evening set	-4098 Mar 10 j 01:04	23°☿43'33	
morning set	-4101 Sep 07 j 14:41	2°♌57'51		inferior conj	-4098 Mar 14 j 04:00	21°☿08'39	7°16'50
	-4101 Sep 29 j 00:19	0°♍		minimum elong	-4098 Mar 14 j 11:25	20°☿56'49	7°15'45
				min. Earth dist.	-4098 Mar 14 j 11:33	20°☿56'36	0.29353 AU
superior conj	-4101 Oct 18 j 04:54	24°♍13'06	0°41'12	morning rise	-4098 Mar 18 j 21:48	18°☿11'15	
minimum elong	-4101 Oct 18 j 14:48	24°♍44'15	0°40'48	direct	-4098 Apr 04 j 21:20	12°☿42'08	
max. Earth dist.	-4101 Oct 21 j 23:14	28°♍57'37	1.70949 AU	greatest brilliancy	-4098 Apr 14 j 22:45	14°☿31'06	-4.7m
	-4101 Oct 22 j 19:03	0°♎		desc. node	-4098 Apr 22 j 09:03	17°☿50'24	
desc. node	-4101 Nov 05 j 14:20	17°♎21'34			-4098 May 09 j 19:01	0°♏	
	-4101 Nov 15 j 16:15	0°♏		morning max el	-4098 May 23 j 17:48	12°♏29'22	45°52'26
evening rise	-4101 Nov 29 j 20:39	17°♏44'21			-4098 Jun 10 j 02:26	0°♐	
	-4101 Dec 09 j 16:39	0°♑			-4098 Jul 07 j 06:27	0°♑	
	-4100 Jan 02 j 20:50	0°♒			-4098 Aug 01 j 19:37	0°♒	
	-4100 Jan 27 j 06:14	0°♓		asc. node	-4098 Aug 13 j 06:15	13°♒49'30	
	-4100 Feb 20 j 23:28	0°♈			-4098 Aug 26 j 10:57	0°☿	
asc. node	-4100 Feb 26 j 09:13	6°♈29'33			-4098 Sep 19 j 13:36	0°♌	
	-4100 Mar 17 j 04:38	0°♐			-4098 Oct 13 j 10:23	0°♍	
	-4100 Apr 12 j 04:22	0°♑			-4098 Nov 06 j 06:22	0°♎	
	-4100 May 09 j 13:52	0°♒		morning set	-4098 Nov 23 j 08:45	21°♎27'37	
evening max el	-4100 May 27 j 02:10	17°♒39'03	45°42'56		-4098 Nov 30 j 04:28	0°♏	
	-4100 Jun 09 j 19:29	0°☿		desc. node	-4098 Dec 03 j 02:41	3°♏39'26	
desc. node	-4100 Jun 17 j 06:02	5°☿51'15			-4098 Dec 24 j 05:41	0°♑	
greatest brilliancy	-4100 Jul 05 j 16:34	16°☿07'37	-4.8m				
retrograde	-4100 Jul 15 j 05:02	17°☿45'30		superior conj	-4097 Jan 04 j 05:01	13°♑38'04	-1°05'06
evening set	-4100 Aug 01 j 16:05	12°☿06'23		minimum elong	-4097 Jan 03 j 18:21	13°♑05'00	1°04'57
inferior conj	-4100 Aug 05 j 02:57	10°☿02'38	-8°39'54	max. Earth dist.	-4097 Jan 08 j 07:45	18°♑44'19	1.72397 AU
minimum elong	-4100 Aug 04 j 22:02	10°☿10'06	8°39'22		-4097 Jan 17 j 09:52	0°♒	
min. Earth dist.	-4100 Aug 05 j 10:29	9°☿51'13	0.27336 AU		-4097 Feb 10 j 16:52	0°♓	
morning rise	-4100 Aug 08 j 03:50	8°☿13'15		evening rise	-4097 Feb 12 j 11:54	2°♓12'28	
direct	-4100 Aug 26 j 01:06	2°☿14'16		greatest brilliancy	-4097 Feb 23 j 19:42	16°♓08'09	-3.9m
greatest brilliancy	-4100 Sep 05 j 20:50	4°☿25'33	-4.9m		-4097 Mar 07 j 03:05	0°♈	
asc. node	-4100 Oct 08 j 03:05	28°☿02'23		asc. node	-4097 Mar 25 j 21:29	22°♈54'42	
	-4100 Oct 10 j 03:29	0°♌			-4097 Mar 31 j 17:23	0°♐	
morning max el	-4100 Oct 15 j 19:18	5°♌40'50	46°51'49		-4097 Apr 25 j 12:50	0°♑	
	-4100 Nov 07 j 05:07	0°♍			-4097 May 20 j 15:07	0°♒	
	-4100 Dec 03 j 00:27	0°♎			-4097 Jun 15 j 03:47	0°☿	
	-4100 Dec 28 j 03:04	0°♏			-4097 Jul 11 j 11:34	0°♌	
	-4099 Jan 22 j 00:26	0°♑		desc. node	-4097 Jul 15 j 17:36	4°♌42'25	
desc. node	-4099 Jan 28 j 00:49	7°♑15'54			-4097 Aug 08 j 16:18	0°♍	
	-4099 Feb 15 j 19:54	0°♒		evening max el	-4097 Aug 09 j 18:12	1°♍04'24	47°11'18
	-4099 Mar 12 j 13:43	0°♓			-4097 Sep 15 j 02:08	0°♎	
	-4099 Apr 06 j 05:17	0°♈		greatest brilliancy	-4097 Sep 20 j 00:06	2°♎02'04	-4.9m
morning set	-4099 Apr 18 j 20:13	15°♈25'16		retrograde	-4097 Sep 29 j 06:17	3°♎40'23	
	-4099 Apr 30 j 17:55	0°♐			-4097 Oct 12 j 19:40	30°♏♐	
asc. node	-4099 May 20 j 20:07	24°♐42'33		evening set	-4097 Oct 14 j 13:43	29°♐03'52	
max. Earth dist.	-4099 May 20 j 23:15	24°♐52'12	1.73293 AU	inferior conj	-4097 Oct 19 j 20:23	25°♐56'19	-4°09'37
				minimum elong	-4097 Oct 20 j 04:55	25°♐43'15	4°07'08
superior conj	-4099 May 24 j 15:16	29°♐23'31	0°08'56	min. Earth dist.	-4097 Oct 19 j 19:09	25°♐58'11	0.26385 AU
minimum elong	-4099 May 24 j 13:30	29°♐18'05	0°08'55	morning rise	-4097 Oct 25 j 20:08	22°♐25'44	
behind sun begin	-4099 May 23 j 19:03	28°♐21'11		asc. node	-4097 Nov 05 j 14:21	18°♐36'09	
behind sun end	-4099 May 25 j 07:57	0°♑15'00		direct	-4097 Nov 09 j 01:00	18°♐21'23	
	-4099 May 25 j 03:05	0°♒		greatest brilliancy	-4097 Nov 19 j 04:22	20°♐18'58	-4.9m
	-4099 Jun 18 j 08:49	0°♒			-4097 Dec 05 j 18:56	0°♓	
evening rise	-4099 Jun 29 j 08:30	13°♒38'47		morning max el	-4097 Dec 29 j 05:08	20°♓57'57	46°32'39
	-4099 Jul 12 j 11:53	0°☿			-4096 Jan 07 j 01:03	0°♏	
	-4099 Aug 05 j 13:55	0°♌			-4096 Feb 03 j 12:52	0°♑	
	-4099 Aug 29 j 16:55	0°♍		desc. node	-4096 Feb 25 j 12:30	25°♑06'29	
desc. node	-4099 Sep 09 j 15:42	13°♍34'24			-4096 Feb 29 j 17:51	0°♒	
	-4099 Sep 22 j 22:54	0°♎			-4096 Mar 26 j 08:19	0°♓	
	-4099 Oct 17 j 10:16	0°♏			-4096 Apr 20 j 13:02	0°♈	
	-4099 Nov 11 j 07:42	0°♑			-4096 May 15 j 09:36	0°♐	
	-4099 Dec 07 j 02:48	0°♒			-4096 Jun 08 j 22:34	0°♑	
asc. node	-4099 Dec 31 j 11:27	26°♒13'50		asc. node	-4096 Jun 17 j 08:28	10°♑22'08	
evening max el	-4098 Jan 02 j 04:47	27°♒57'33	46°05'09	morning set	-4096 Jun 24 j 19:57	19°♑37'14	
	-4098 Jan 04 j 06:15	0°♓			-4096 Jul 03 j 04:33	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4096 Jul 27 j 04:53	0°☿		inferior conj	-4093 Jan 01 j 03:06	10°♊35'31	6°19'04
max. Earth dist.	-4096 Jul 28 j 08:29	1°☿26'32	1.71633 AU	minimum elong	-4094 Dec 31 j 17:52	10°♊50'12	6°17'05
				morning rise	-4093 Jan 05 j 14:57	7°♊48'54	
superior conj	-4096 Jul 31 j 21:20	5°☿52'44	1°19'46	direct	-4093 Jan 21 j 23:11	2°♊34'50	
minimum elong	-4096 Jul 31 j 15:42	5°☿35'02	1°19'52	greatest brilliancy	-4093 Jan 30 j 15:38	4°♊00'04	-4.8m
	-4096 Aug 20 j 01:49	0°♌			-4093 Mar 08 j 21:43	0°♊	
evening rise	-4096 Sep 08 j 18:02	24°♌45'47		morning max el	-4093 Mar 11 j 21:58	2°♊50'55	45°56'53
	-4096 Sep 12 j 21:58	0°♍		desc. node	-4093 Mar 24 j 23:59	15°♊51'52	
	-4096 Oct 06 j 19:34	0°♎			-4093 Apr 07 j 09:26	0°♋	
desc. node	-4096 Oct 07 j 04:03	0°♎26'34			-4093 May 04 j 08:27	0°♋	
	-4096 Oct 30 j 20:02	0°♏			-4093 May 30 j 04:00	0°♌	
	-4096 Nov 24 j 00:41	0°♐			-4093 Jun 24 j 05:51	0°♍	
	-4096 Dec 18 j 12:06	0°♑		asc. node	-4093 Jul 15 j 20:28	26°♍24'24	
	-4095 Jan 12 j 11:51	0°♒			-4093 Jul 18 j 18:22	0°♎	
asc. node	-4095 Jan 27 j 23:10	18°♒03'29			-4093 Aug 11 j 20:57	0°☿	
	-4095 Feb 07 j 11:12	0°♈		greatest brilliancy	-4093 Aug 31 j 00:45	24°☿05'02	-3.9m
	-4095 Mar 07 j 13:29	0°♉			-4093 Sep 04 j 17:19	0°♌	
evening max el	-4095 Mar 14 j 01:05	6°♉20'00	45°08'04	morning set	-4093 Sep 05 j 03:24	0°♌31'49	
	-4095 Apr 13 j 01:32	0°♊			-4093 Sep 28 j 11:20	0°♍	
greatest brilliancy	-4095 Apr 20 j 13:53	3°♊27'28	-4.7m				
retrograde	-4095 May 01 j 05:58	5°♊28'33		superior conj	-4093 Oct 15 j 14:27	21°♍37'13	0°44'37
evening set	-4095 May 16 j 02:39	1°♋15'38		minimum elong	-4093 Oct 16 j 00:49	22°♍09'54	0°44'13
	-4095 May 18 j 08:57	30°♋♉		max. Earth dist.	-4093 Oct 19 j 03:54	26°♍06'24	1.70926 AU
desc. node	-4095 May 19 j 20:37	29°♉07'26			-4093 Oct 22 j 06:05	0°♎	
inferior conj	-4095 May 22 j 13:59	27°♉27'48	-0°38'02	desc. node	-4093 Nov 04 j 16:32	16°♎53'48	
minimum elong	-4095 May 22 j 12:34	27°♉29'58	0°37'33		-4093 Nov 15 j 03:19	0°♏	
min. Earth dist.	-4095 May 23 j 04:19	27°♉05'45	0.28626 AU	evening rise	-4093 Nov 27 j 06:07	15°♏09'21	
morning rise	-4095 May 28 j 21:52	23°♉43'04			-4093 Dec 09 j 03:46	0°♐	
direct	-4095 Jun 13 j 06:41	19°♉12'58			-4092 Jan 02 j 08:03	0°♑	
greatest brilliancy	-4095 Jun 24 j 10:05	21°♉27'01	-4.8m		-4092 Jan 26 j 17:38	0°♒	
	-4095 Jul 09 j 13:11	0°♊			-4092 Feb 20 j 11:18	0°♈	
morning max el	-4095 Aug 02 j 01:19	20°♊28'13	46°24'17	asc. node	-4092 Feb 25 j 11:16	5°♈59'52	
	-4095 Aug 11 j 09:47	0°♌			-4092 Mar 16 j 17:18	0°♉	
	-4095 Sep 07 j 09:52	0°☿			-4092 Apr 11 j 18:46	0°♊	
asc. node	-4095 Sep 09 j 17:53	2°☿42'58			-4092 May 09 j 08:17	0°♌	
	-4095 Oct 02 j 14:57	0°♌		evening max el	-4092 May 24 j 15:14	15°♌18'56	45°40'14
	-4095 Oct 27 j 01:49	0°♍			-4092 Jun 10 j 05:26	0°☿	
	-4095 Nov 20 j 06:21	0°♎		desc. node	-4092 Jun 16 j 08:12	4°☿37'22	
	-4095 Dec 14 j 10:36	0°♏		greatest brilliancy	-4092 Jul 03 j 04:50	13°☿45'09	-4.8m
desc. node	-4095 Dec 30 j 14:59	20°♏01'33		retrograde	-4092 Jul 12 j 16:59	15°☿23'01	
	-4094 Jan 07 j 16:50	0°♐		evening set	-4092 Jul 30 j 01:28	9°☿49'01	
	-4094 Feb 01 j 01:07	0°♑		inferior conj	-4092 Aug 02 j 16:00	7°☿40'01	-8°33'34
morning set	-4094 Feb 06 j 20:55	7°♑09'55		minimum elong	-4092 Aug 02 j 10:16	7°☿48'42	8°32'55
	-4094 Feb 25 j 10:44	0°♒		min. Earth dist.	-4092 Aug 02 j 23:51	7°☿28'07	0.27377 AU
				morning rise	-4092 Aug 05 j 18:52	5°☿47'33	
superior conj	-4094 Mar 16 j 12:42	23°♒26'00	-1°11'42		-4092 Aug 20 j 19:28	30°♒♌	
minimum elong	-4094 Mar 16 j 20:33	23°♒50'03	1°11'38	direct	-4092 Aug 23 j 14:15	29°♌50'42	
max. Earth dist.	-4094 Mar 16 j 17:12	23°♒39'47	1.73650 AU		-4092 Aug 26 j 09:48	0°☿	
	-4094 Mar 21 j 21:04	0°♈		greatest brilliancy	-4092 Sep 03 j 11:25	2°☿02'36	-4.9m
	-4094 Apr 15 j 07:45	0°♉		asc. node	-4092 Oct 07 j 05:14	27°☿05'22	
evening rise	-4094 Apr 21 j 20:29	8°♉00'52			-4092 Oct 10 j 03:53	0°♌	
asc. node	-4094 Apr 22 j 09:53	8°♉41'57		morning max el	-4092 Oct 13 j 07:27	3°♌11'20	46°51'48
	-4094 May 09 j 18:35	0°♊			-4092 Nov 06 j 22:00	0°♍	
	-4094 Jun 03 j 05:39	0°♌			-4092 Dec 02 j 14:42	0°♎	
	-4094 Jun 27 j 17:48	0°☿			-4092 Dec 27 j 15:59	0°♏	
	-4094 Jul 22 j 08:56	0°♌			-4091 Jan 21 j 12:34	0°♐	
desc. node	-4094 Aug 12 j 05:33	25°♌10'25		desc. node	-4091 Jan 27 j 02:49	6°♐45'44	
	-4094 Aug 16 j 06:12	0°♍			-4091 Feb 15 j 07:30	0°♑	
	-4094 Sep 10 j 15:20	0°♎			-4091 Mar 12 j 00:57	0°♒	
	-4094 Oct 07 j 02:16	0°♏			-4091 Apr 05 j 16:15	0°♈	
evening max el	-4094 Oct 21 j 01:06	14°♏48'53	47°27'42	morning set	-4091 Apr 16 j 14:56	13°♈22'28	
	-4094 Nov 05 j 20:43	0°♐			-4091 Apr 30 j 04:43	0°♉	
greatest brilliancy	-4094 Nov 30 j 08:30	16°♐36'51	-4.9m	max. Earth dist.	-4091 May 18 j 19:49	22°♉54'24	1.73337 AU
asc. node	-4094 Dec 03 j 01:59	17°♐34'19		asc. node	-4091 May 19 j 22:19	24°♉16'04	
retrograde	-4094 Dec 11 j 04:07	18°♐51'17					
evening set	-4094 Dec 26 j 21:34	13°♐50'03		superior conj	-4091 May 22 j 10:02	27°♉20'07	0°05'52
min. Earth dist.	-4094 Dec 31 j 00:34	11°♐17'42	0.27878 AU	minimum elong	-4091 May 22 j 08:52	27°♉16'32	0°05'54

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun begin	-4091 May 21 j 12:13	26° Υ 12'49		asc. node	-4089 Nov 04 j 16:37	15° \mathfrak{M} 54'53	
behind sun end	-4091 May 23 j 05:32	28° Υ 20'15		direct	-4089 Nov 06 j 13:19	15° \mathfrak{M} 50'34	
	-4091 May 24 j 13:53	0° \mathcal{B}		greatest brilliancy	-4089 Nov 16 j 17:34	17° \mathfrak{M} 49'29	-4.9m
	-4091 Jun 17 j 19:44	0° Π			-4089 Dec 06 j 11:57	0° \mathfrak{A}	
evening rise	-4091 Jun 27 j 02:34	11° Π 31'38		morning max el	-4089 Dec 26 j 19:43	18° \mathfrak{A} 36'01	46°34'09
	-4091 Jul 11 j 23:01	0° \mathfrak{E}			-4088 Jan 06 j 21:13	0° \mathfrak{M}	
	-4091 Aug 05 j 01:19	0° \mathcal{Q}			-4088 Feb 03 j 04:20	0° \mathcal{X}	
	-4091 Aug 29 j 04:38	0° \mathfrak{M}		desc. node	-4088 Feb 24 j 14:39	24° \mathcal{X} 33'13	
desc. node	-4091 Sep 08 j 17:47	13° \mathfrak{M} 03'58			-4088 Feb 29 j 07:15	0° \mathfrak{Z}	
	-4091 Sep 22 j 11:01	0° \mathfrak{A}			-4088 Mar 25 j 20:36	0° \approx	
	-4091 Oct 16 j 22:59	0° \mathfrak{M}			-4088 Apr 20 j 00:41	0° \mathcal{H}	
	-4091 Nov 10 j 21:26	0° \mathcal{X}			-4088 May 14 j 20:53	0° Υ	
	-4091 Dec 06 j 18:43	0° \mathfrak{Z}			-4088 Jun 08 j 09:41	0° \mathcal{B}	
asc. node	-4091 Dec 30 j 13:29	25° \mathfrak{Z} 26'12		asc. node	-4088 Jun 16 j 10:29	9° \mathcal{B} 54'12	
evening max el	-4091 Dec 30 j 19:05	25° \mathfrak{Z} 40'10	46°08'09	morning set	-4088 Jun 22 j 13:29	17° \mathcal{B} 28'38	
	-4090 Jan 04 j 04:51	0° \approx			-4088 Jul 02 j 15:37	0° Π	
greatest brilliancy	-4090 Feb 07 j 15:24	25° \approx 13'44	-4.8m	max. Earth dist.	-4088 Jul 25 j 20:45	28° Π 59'46	1.71690 AU
retrograde	-4090 Feb 18 j 09:50	27° \approx 22'35			-4088 Jul 26 j 15:58	0° \mathfrak{E}	
evening set	-4090 Mar 07 j 20:12	21° \approx 32'47					
inferior conj	-4090 Mar 11 j 21:11	19° \approx 00'57	7°25'18	superior conj	-4088 Jul 29 j 12:48	3° \mathfrak{E} 35'49	1°18'38
minimum elong	-4090 Mar 12 j 04:11	18° \approx 49'45	7°24'20	minimum elong	-4088 Jul 29 j 06:36	3° \mathfrak{E} 16'23	1°18'43
min. Earth dist.	-4090 Mar 12 j 03:54	18° \approx 50'13	0.29350 AU		-4088 Aug 19 j 13:00	0° \mathcal{Q}	
morning rise	-4090 Mar 16 j 12:11	16° \approx 07'40		evening rise	-4088 Sep 06 j 05:17	22° \mathcal{Q} 14'34	
direct	-4090 Apr 02 j 13:31	10° \approx 34'24			-4088 Sep 12 j 09:20	0° \mathfrak{M}	
greatest brilliancy	-4090 Apr 12 j 14:43	12° \approx 22'59	-4.7m	desc. node	-4088 Oct 06 j 06:14	29° \mathfrak{M} 57'15	
desc. node	-4090 Apr 21 j 11:17	16° \approx 29'12			-4088 Oct 06 j 07:07	0° \mathfrak{A}	
	-4090 May 10 j 00:32	0° \mathcal{H}			-4088 Oct 30 j 07:47	0° \mathfrak{M}	
morning max el	-4090 May 21 j 10:01	10° \mathcal{H} 20'03	45°51'52		-4088 Nov 23 j 12:40	0° \mathcal{X}	
	-4090 Jun 09 j 19:46	0° Υ			-4088 Dec 18 j 00:29	0° \mathfrak{Z}	
	-4090 Jul 06 j 20:33	0° \mathcal{B}			-4087 Jan 12 j 01:04	0° \approx	
	-4090 Aug 01 j 08:21	0° Π		asc. node	-4087 Jan 27 j 01:16	17° \approx 28'55	
asc. node	-4090 Aug 12 j 08:20	13° Π 18'11			-4087 Feb 07 j 02:18	0° \mathcal{H}	
	-4090 Aug 25 j 23:01	0° \mathfrak{E}			-4087 Mar 07 j 09:59	0° Υ	
	-4090 Sep 19 j 01:19	0° \mathcal{Q}		evening max el	-4087 Mar 11 j 17:44	4° Υ 11'43	45°08'39
	-4090 Oct 12 j 21:53	0° \mathfrak{M}			-4087 Apr 15 j 00:33	0° \mathcal{B}	
	-4090 Nov 05 j 17:42	0° \mathfrak{A}		greatest brilliancy	-4087 Apr 18 j 05:18	1° \mathcal{B} 17'46	-4.7m
morning set	-4090 Nov 20 j 18:39	18° \mathfrak{A} 52'56		retrograde	-4087 Apr 28 j 21:40	3° \mathcal{B} 18'47	
	-4090 Nov 29 j 15:41	0° \mathfrak{M}			-4087 May 12 j 00:12	30° $\mathcal{R}\Upsilon$	
desc. node	-4090 Dec 02 j 04:49	3° \mathfrak{M} 11'10		evening set	-4087 May 13 j 19:09	29° Υ 05'03	
	-4090 Dec 23 j 16:47	0° \mathcal{X}		desc. node	-4087 May 18 j 22:46	26° Υ 05'15	
				inferior conj	-4087 May 20 j 05:53	25° Υ 17'21	-0°18'06
superior conj	-4089 Jan 01 j 17:09	11° \mathcal{X} 12'29	-1°02'45	minimum elong	-4087 May 20 j 05:13	25° Υ 18'23	0°17'51
minimum elong	-4089 Jan 01 j 06:16	10° \mathcal{X} 38'42	1°02'34	min. Earth dist.	-4087 May 20 j 20:23	24° Υ 55'00	0.28668 AU
max. Earth dist.	-4089 Jan 05 j 20:16	16° \mathcal{X} 20'04	1.72336 AU	morning rise	-4087 May 26 j 14:43	21° Υ 30'56	
	-4089 Jan 16 j 20:52	0° \mathfrak{Z}		direct	-4087 Jun 10 j 23:31	17° Υ 01'54	
evening rise	-4089 Feb 10 j 03:21	29° \mathfrak{Z} 58'28		greatest brilliancy	-4087 Jun 22 j 01:26	19° Υ 14'32	-4.8m
	-4089 Feb 10 j 03:51	0° \approx			-4087 Jul 10 j 04:34	0° \mathcal{B}	
greatest brilliancy	-4089 Feb 21 j 17:49	14° \approx 14'49	-3.9m	morning max el	-4087 Jul 30 j 16:57	18° \mathcal{B} 13'16	46°22'49
	-4089 Mar 06 j 14:09	0° \mathcal{H}			-4087 Aug 11 j 05:00	0° Π	
asc. node	-4089 Mar 24 j 23:38	22° \mathcal{H} 26'57			-4087 Sep 07 j 00:59	0° \mathfrak{E}	
	-4089 Mar 31 j 04:43	0° Υ		asc. node	-4087 Sep 08 j 20:05	2° \mathfrak{E} 05'43	
	-4089 Apr 25 j 00:41	0° \mathcal{B}			-4087 Oct 02 j 04:25	0° \mathcal{Q}	
	-4089 May 20 j 03:49	0° Π			-4087 Oct 26 j 14:28	0° \mathfrak{M}	
	-4089 Jun 14 j 17:55	0° \mathfrak{E}			-4087 Nov 19 j 18:31	0° \mathfrak{A}	
	-4089 Jul 11 j 04:27	0° \mathcal{Q}			-4087 Dec 13 j 22:25	0° \mathfrak{M}	
desc. node	-4089 Jul 14 j 19:39	3° \mathcal{Q} 59'55		desc. node	-4087 Dec 29 j 16:55	19° \mathfrak{M} 31'40	
evening max el	-4089 Aug 07 j 07:09	28° \mathcal{Q} 38'19	47°08'45		-4086 Jan 07 j 04:21	0° \mathcal{X}	
	-4089 Aug 08 j 16:19	0° \mathfrak{M}			-4086 Jan 31 j 12:23	0° \mathfrak{Z}	
greatest brilliancy	-4089 Sep 17 j 12:51	29° \mathfrak{M} 31'18	-4.9m	morning set	-4086 Feb 04 j 11:28	4° \mathfrak{Z} 52'31	
	-4089 Sep 19 j 01:24	0° \mathfrak{A}			-4086 Feb 24 j 21:49	0° \approx	
retrograde	-4089 Sep 26 j 18:51	1° \mathfrak{A} 09'15					
	-4089 Oct 04 j 06:14	30° $\mathcal{R}\mathfrak{M}$		superior conj	-4086 Mar 14 j 06:25	21° \approx 19'14	-1°13'16
evening set	-4089 Oct 12 j 04:33	26° \mathfrak{M} 28'46		minimum elong	-4086 Mar 14 j 13:58	21° \approx 42'25	1°13'13
inferior conj	-4089 Oct 17 j 08:22	23° \mathfrak{M} 25'31	-4°31'16	max. Earth dist.	-4086 Mar 14 j 16:17	21° \approx 49'32	1.73626 AU
minimum elong	-4089 Oct 17 j 17:29	23° \mathfrak{M} 11'38	4°28'41		-4086 Mar 21 j 08:03	0° \mathcal{H}	
min. Earth dist.	-4089 Oct 17 j 08:11	23° \mathfrak{M} 25'48	0.26386 AU		-4086 Apr 14 j 18:45	0° Υ	
morning rise	-4089 Oct 23 j 06:25	19° \mathfrak{M} 57'49		evening rise	-4086 Apr 19 j 15:49	5° Υ 59'05	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4086 Apr 21 j 12:05	8°♈14'52		morning max el	-4084 Oct 10 j 20:36	0°♏43'34	46°51'32
	-4086 May 09 j 05:44	0°♉			-4084 Nov 06 j 14:56	0°♐	
	-4086 Jun 02 j 17:07	0°♊			-4084 Dec 02 j 05:09	0°♑	
	-4086 Jun 27 j 05:46	0°♋			-4084 Dec 27 j 05:09	0°♒	
	-4086 Jul 21 j 21:35	0°♌			-4083 Jan 21 j 00:55	0°♓	
desc. node	-4086 Aug 11 j 07:39	24°♍36'17		desc. node	-4083 Jan 26 j 05:00	6°♓15'25	
	-4086 Aug 15 j 19:54	0°♐			-4083 Feb 14 j 19:18	0°♑	
	-4086 Sep 10 j 06:44	0°♑			-4083 Mar 11 j 12:21	0°♒	
	-4086 Oct 06 j 21:16	0°♒			-4083 Apr 05 j 03:23	0°♓	
evening max el	-4086 Oct 18 j 16:50	12°♒28'43	47°29'06	morning set	-4083 Apr 14 j 09:46	11°♓19'23	
	-4086 Nov 06 j 05:14	0°♓			-4083 Apr 29 j 15:42	0°♈	
greatest brilliancy	-4086 Nov 28 j 01:08	14°♓17'23	-4.9m	max. Earth dist.	-4083 May 16 j 17:57	21°♈00'56	1.73375 AU
asc. node	-4086 Dec 02 j 04:01	15°♓37'57		asc. node	-4083 May 19 j 00:22	23°♈48'37	
retrograde	-4086 Dec 08 j 19:32	16°♓30'21					
evening set	-4086 Dec 24 j 10:04	11°♓34'07		superior conj	-4083 May 20 j 05:10	25°♈17'22	0°02'51
min. Earth dist.	-4086 Dec 28 j 15:26	8°♓58'15	0.27796 AU	minimum elong	-4083 May 20 j 04:35	25°♈15'34	0°02'53
inferior conj	-4086 Dec 29 j 18:08	8°♓15'49	6°05'15	behind sun begin	-4083 May 19 j 06:49	24°♈08'28	
minimum elong	-4086 Dec 29 j 08:50	8°♓30'36	6°03'09	behind sun end	-4083 May 21 j 02:22	26°♈22'42	
morning rise	-4085 Jan 03 j 08:25	5°♓25'33			-4083 May 24 j 00:50	0°♉	
direct	-4085 Jan 19 j 13:32	0°♓16'40			-4083 Jun 17 j 06:45	0°♊	
greatest brilliancy	-4085 Jan 28 j 05:52	1°♓41'42	-4.8m	evening rise	-4083 Jun 24 j 21:12	9°♊26'03	
	-4085 Mar 08 j 21:43	0°♑			-4083 Jul 11 j 10:14	0°♋	
morning max el	-4085 Mar 09 j 12:03	0°♑34'13	45°57'49		-4083 Aug 04 j 12:49	0°♌	
desc. node	-4085 Mar 24 j 02:08	15°♑08'45			-4083 Aug 28 j 16:30	0°♍	
	-4085 Apr 07 j 01:49	0°♒		desc. node	-4083 Sep 07 j 19:58	12°♍33'27	
	-4085 May 03 j 22:11	0°♓			-4083 Sep 21 j 23:21	0°♎	
	-4085 May 29 j 16:27	0°♈			-4083 Oct 16 j 12:00	0°♏	
	-4085 Jun 23 j 17:39	0°♉			-4083 Nov 10 j 11:35	0°♐	
asc. node	-4085 Jul 14 j 22:34	25°♉55'25			-4083 Dec 06 j 11:13	0°♑	
	-4085 Jul 18 j 05:51	0°♊		evening max el	-4083 Dec 28 j 10:03	23°♑23'32	46°11'21
	-4085 Aug 11 j 08:18	0°♋		asc. node	-4083 Dec 29 j 15:37	24°♑37'10	
greatest brilliancy	-4085 Aug 30 j 00:54	23°♋29'45	-3.9m		-4082 Jan 04 j 04:51	0°♒	
morning set	-4085 Sep 02 j 16:02	28°♋04'30		greatest brilliancy	-4082 Feb 05 j 07:51	23°♒04'14	-4.8m
	-4085 Sep 04 j 04:39	0°♌		retrograde	-4082 Feb 16 j 03:18	25°♒14'24	
	-4085 Sep 27 j 22:42	0°♍		evening set	-4082 Mar 05 j 15:06	19°♒21'03	
				inferior conj	-4082 Mar 09 j 14:12	16°♒52'08	7°33'17
superior conj	-4085 Oct 12 j 23:51	18°♍59'43	0°47'56	minimum elong	-4082 Mar 09 j 20:46	16°♒41'40	7°32'26
minimum elong	-4085 Oct 13 j 10:37	19°♍33'42	0°47'33	min. Earth dist.	-4082 Mar 09 j 19:47	16°♒43'14	0.29342 AU
max. Earth dist.	-4085 Oct 16 j 04:48	23°♍02'13	1.70904 AU	morning rise	-4082 Mar 14 j 02:27	14°♒03'07	
	-4085 Oct 21 j 17:28	0°♎		direct	-4082 Mar 31 j 05:49	8°♒25'38	
desc. node	-4085 Nov 03 j 18:37	16°♎24'33		greatest brilliancy	-4082 Apr 10 j 06:08	10°♒13'41	-4.7m
	-4085 Nov 14 j 14:43	0°♏		desc. node	-4082 Apr 20 j 13:26	15°♒09'51	
evening rise	-4085 Nov 24 j 15:11	12°♏32'07			-4082 May 10 j 04:24	0°♓	
	-4085 Dec 08 j 15:11	0°♐		morning max el	-4082 May 19 j 03:02	8°♓12'30	45°51'28
	-4084 Jan 01 j 19:34	0°♑			-4082 Jun 09 j 12:50	0°♈	
	-4084 Jan 26 j 05:22	0°♒			-4082 Jul 06 j 10:33	0°♉	
	-4084 Feb 19 j 23:26	0°♓			-4082 Jul 31 j 21:01	0°♊	
asc. node	-4084 Feb 24 j 13:29	5°♓29'46		asc. node	-4082 Aug 11 j 10:34	12°♊47'31	
	-4084 Mar 16 j 06:18	0°♈			-4082 Aug 25 j 11:01	0°♋	
	-4084 Apr 11 j 09:32	0°♉			-4082 Sep 18 j 12:58	0°♌	
	-4084 May 09 j 03:18	0°♊			-4082 Oct 12 j 09:21	0°♍	
evening max el	-4084 May 22 j 04:09	12°♊58'27	45°37'45		-4082 Nov 05 j 05:05	0°♎	
	-4084 Jun 10 j 18:46	0°♋		morning set	-4082 Nov 18 j 04:17	16°♎17'05	
desc. node	-4084 Jun 15 j 10:11	3°♋20'58			-4082 Nov 29 j 03:00	0°♏	
greatest brilliancy	-4084 Jun 30 j 16:47	11°♋22'41	-4.8m	desc. node	-4082 Dec 01 j 06:49	2°♏42'07	
retrograde	-4084 Jul 10 j 05:25	13°♋01'20			-4082 Dec 23 j 04:00	0°♐	
evening set	-4084 Jul 27 j 10:51	7°♌32'15					
inferior conj	-4084 Jul 31 j 05:19	5°♌17'49	-8°26'19	superior conj	-4082 Dec 30 j 04:27	8°♓43'48	-1°00'13
minimum elong	-4084 Jul 30 j 22:48	5°♌27'40	8°25'31	minimum elong	-4082 Dec 29 j 17:25	8°♓09'31	1°00'00
min. Earth dist.	-4084 Jul 31 j 13:20	5°♌05'39	0.27426 AU	max. Earth dist.	-4081 Jan 03 j 07:33	13°♓51'32	1.72279 AU
morning rise	-4084 Aug 03 j 10:30	3°♌21'58			-4081 Jan 16 j 08:00	0°♑	
	-4084 Aug 09 j 20:41	30°♍11		evening rise	-4081 Feb 07 j 18:06	27°♑41'57	
direct	-4084 Aug 21 j 03:43	27°♍27'18			-4081 Feb 09 j 14:56	0°♒	
greatest brilliancy	-4084 Sep 01 j 02:37	29°♍40'25	-4.9m	greatest brilliancy	-4081 Feb 18 j 16:37	11°♒09'30	-3.9m
	-4084 Sep 01 j 22:12	0°♎			-4081 Mar 06 j 01:20	0°♓	
asc. node	-4084 Oct 06 j 07:27	26°♎09'00		asc. node	-4081 Mar 24 j 01:47	21°♓58'59	
	-4084 Oct 10 j 03:32	0°♏			-4081 Mar 30 j 16:09	0°♈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4081 Apr 24 j 12:37	0°♄		asc. node	-4079 Sep 07 j 22:13	1°♄29'20	
	-4081 May 19 j 16:36	0°♅			-4079 Oct 01 j 17:33	0°♅	
	-4081 Jun 14 j 08:10	0°♆			-4079 Oct 26 j 02:47	0°♆	
	-4081 Jul 10 j 21:33	0°♇			-4079 Nov 19 j 06:19	0°♇	
desc. node	-4081 Jul 13 j 21:52	3°♇17'46			-4079 Dec 13 j 09:51	0°♈	
evening max el	-4081 Aug 04 j 21:14	26°♇15'49	47°06'16	desc. node	-4079 Dec 28 j 19:07	19°♈03'42	
	-4081 Aug 08 j 17:11	0°♉			-4078 Jan 06 j 15:31	0°♉	
greatest brilliancy	-4081 Sep 15 j 01:20	27°♉01'34	-4.9m		-4078 Jan 30 j 23:20	0°♊	
retrograde	-4081 Sep 24 j 07:41	28°♉39'18		morning set	-4078 Feb 02 j 01:54	2°♊35'36	
evening set	-4081 Oct 09 j 19:42	23°♉54'58			-4078 Feb 24 j 08:38	0°♋	
inferior conj	-4081 Oct 14 j 20:33	20°♉55'56	-4°52'14				
minimum elong	-4081 Oct 15 j 06:09	20°♉41'21	4°49'34	superior conj	-4078 Mar 11 j 23:52	19°♋12'23	-1°14'45
min. Earth dist.	-4081 Oct 14 j 21:04	20°♉55'09	0.26392 AU	minimum elong	-4078 Mar 12 j 07:04	19°♋34'28	1°14'43
morning rise	-4081 Oct 20 j 16:39	17°♉31'20		max. Earth dist.	-4078 Mar 12 j 13:34	19°♋54'27	1.73604 AU
asc. node	-4081 Nov 03 j 18:39	13°♉21'19			-4078 Mar 20 j 18:49	0°♌	
direct	-4081 Nov 04 j 02:17	13°♉21'11			-4078 Apr 14 j 05:33	0°♍	
greatest brilliancy	-4081 Nov 14 j 06:33	15°♉20'37	-4.9m	evening rise	-4078 Apr 17 j 10:42	3°♍56'36	
	-4081 Dec 07 j 00:26	0°♎		asc. node	-4078 Apr 20 j 14:06	7°♍47'51	
morning max el	-4081 Dec 24 j 10:20	16°♎14'25	46°35'12		-4078 May 08 j 16:41	0°♏	
	-4080 Jan 06 j 16:42	0°♏			-4078 Jun 02 j 04:22	0°♐	
	-4080 Feb 02 j 19:35	0°♑			-4078 Jun 26 j 17:30	0°♑	
desc. node	-4080 Feb 23 j 16:50	24°♑00'07			-4078 Jul 21 j 10:03	0°♒	
	-4080 Feb 28 j 20:34	0°♓		desc. node	-4078 Aug 10 j 09:49	24°♒03'04	
	-4080 Mar 25 j 08:49	0°♈			-4078 Aug 15 j 09:25	0°♓	
	-4080 Apr 19 j 12:15	0°♉			-4078 Sep 09 j 22:01	0°♔	
	-4080 May 14 j 08:05	0°♊			-4078 Oct 06 j 16:23	0°♕	
asc. node	-4080 Jun 07 j 20:41	0°♋		evening max el	-4078 Oct 16 j 07:47	10°♕07'37	47°30'31
morning set	-4080 Jun 15 j 12:35	9°♋26'50			-4078 Nov 06 j 16:01	0°♌	
	-4080 Jun 20 j 07:01	15°♋20'28		greatest brilliancy	-4078 Nov 25 j 18:11	11°♌59'38	-4.9m
	-4080 Jul 02 j 02:33	0°♍		asc. node	-4078 Dec 01 j 06:11	13°♌38'40	
max. Earth dist.	-4080 Jul 23 j 07:09	26°♍27'41	1.71746 AU	retrograde	-4078 Dec 06 j 10:39	14°♌10'56	
	-4080 Jul 26 j 02:56	0°♎		evening set	-4078 Dec 21 j 22:45	9°♌19'24	
				min. Earth dist.	-4078 Dec 26 j 06:46	6°♌39'52	0.27715 AU
superior conj	-4080 Jul 27 j 04:35	1°♎20'23	1°17'23	inferior conj	-4078 Dec 27 j 09:16	5°♌57'43	5°50'45
minimum elong	-4080 Jul 26 j 21:53	0°♎59'24	1°17'27	minimum elong	-4078 Dec 26 j 23:59	6°♌12'29	5°48'33
	-4080 Aug 19 j 00:03	0°♏		morning rise	-4077 Jan 01 j 01:59	3°♌03'46	
evening rise	-4080 Sep 03 j 17:00	19°♏45'27			-4077 Jan 07 j 05:14	30°♍	
	-4080 Sep 11 j 20:30	0°♐		direct	-4077 Jan 17 j 03:26	27°♍59'58	
desc. node	-4080 Oct 05 j 08:19	29°♐28'20		greatest brilliancy	-4077 Jan 25 j 20:46	29°♍25'27	-4.8m
	-4080 Oct 05 j 18:26	0°♑			-4077 Jan 27 j 13:16	0°♎	
	-4080 Oct 29 j 19:16	0°♒		morning max el	-4077 Mar 07 j 01:47	28°♎17'48	45°58'38
	-4080 Nov 23 j 00:26	0°♓			-4077 Mar 08 j 20:11	0°♏	
	-4080 Dec 17 j 12:43	0°♔		desc. node	-4077 Mar 23 j 04:16	14°♏27'18	
	-4079 Jan 11 j 14:14	0°♕			-4077 Apr 06 j 17:33	0°♐	
asc. node	-4079 Jan 26 j 03:29	16°♕54'43			-4077 May 03 j 11:30	0°♑	
	-4079 Feb 06 j 17:33	0°♒			-4077 May 29 j 04:37	0°♓	
	-4079 Mar 07 j 07:11	0°♔			-4077 Jun 23 j 05:10	0°♕	
evening max el	-4079 Mar 09 j 09:48	2°♔01'56	45°09'16	asc. node	-4077 Jul 14 j 00:50	25°♕27'51	
greatest brilliancy	-4079 Apr 15 j 21:13	29°♔08'38	-4.7m		-4077 Jul 17 j 17:02	0°♖	
	-4079 Apr 18 j 13:19	0°♕			-4077 Aug 10 j 19:20	0°♗	
retrograde	-4079 Apr 26 j 12:51	1°♕09'02		greatest brilliancy	-4077 Aug 28 j 20:58	22°♕42'38	-3.9m
	-4079 May 04 j 05:25	30°♖		morning set	-4077 Aug 31 j 04:39	25°♕38'08	
evening set	-4079 May 11 j 11:42	26°♖54'19			-4077 Sep 03 j 15:40	0°♘	
inferior conj	-4079 May 17 j 21:43	23°♖07'07	0°01'46		-4077 Sep 27 j 09:44	0°♙	
minimum elong	-4079 May 17 j 21:47	23°♖07'01	0°01'50				
transit middle	-4079 May 17 j 21:47	23°♖07'01	0°01'50	superior conj	-4077 Oct 10 j 09:18	16°♖23'23	0°51'09
transit begin	-4079 May 17 j 17:44	23°♖13'17		minimum elong	-4077 Oct 10 j 20:24	16°♖58'23	0°50'46
transit end	-4079 May 18 j 01:50	23°♖00'44		max. Earth dist.	-4077 Oct 13 j 04:44	19°♖56'00	1.70888 AU
desc. node	-4079 May 18 j 00:46	23°♖02'24			-4077 Oct 21 j 04:31	0°♗	
min. Earth dist.	-4079 May 18 j 12:40	22°♖43'59	0.28707 AU	desc. node	-4077 Nov 02 j 20:38	15°♗56'07	
morning rise	-4079 May 24 j 07:16	19°♖19'05			-4077 Nov 14 j 01:46	0°♘	
direct	-4079 Jun 08 j 15:50	14°♖51'04		evening rise	-4077 Nov 22 j 00:17	9°♘55'56	
greatest brilliancy	-4079 Jun 19 j 17:03	17°♖02'40	-4.8m		-4077 Dec 08 j 02:16	0°♙	
	-4079 Jul 10 j 15:54	0°♕			-4076 Jan 01 j 06:42	0°♚	
morning max el	-4079 Jul 28 j 07:32	15°♕56'22	46°21'24		-4076 Jan 25 j 16:41	0°♈	
	-4079 Aug 10 j 23:30	0°♖			-4076 Feb 19 j 11:12	0°♉	
	-4079 Sep 06 j 15:41	0°♗		asc. node	-4076 Feb 23 j 15:36	5°♉00'33	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4076 Mar 15 j 18:59	0°♄			-4074 Aug 24 j 22:54	0°♅	
	-4076 Apr 11 j 00:09	0°♈			-4074 Sep 18 j 00:31	0°♎	
	-4076 May 08 j 22:35	0°♊			-4074 Oct 11 j 20:42	0°♏	
evening max el	-4076 May 19 j 17:23	10°♊39'34	45°35'17		-4074 Nov 04 j 16:18	0°♐	
	-4076 Jun 11 j 12:14	0°♅		morning set	-4074 Nov 15 j 13:53	13°♐41'34	
desc. node	-4076 Jun 14 j 12:26	2°♅03'11			-4074 Nov 28 j 14:07	0°♑	
greatest brilliancy	-4076 Jun 28 j 04:02	9°♅00'03	-4.8m	desc. node	-4074 Nov 30 j 09:00	2°♑14'09	
retrograde	-4076 Jul 07 j 18:18	10°♅40'16			-4074 Dec 22 j 15:03	0°♒	
evening set	-4076 Jul 24 j 19:59	5°♅16'03					
inferior conj	-4076 Jul 28 j 18:29	2°♅56'06	-8°18'11	superior conj	-4074 Dec 27 j 15:36	6°♒15'00	-0°57'32
minimum elong	-4076 Jul 28 j 11:16	3°♅06'59	8°17'13	minimum elong	-4074 Dec 27 j 04:30	5°♒40'31	0°57'19
min. Earth dist.	-4076 Jul 29 j 02:26	2°♅44'04	0.27474 AU	max. Earth dist.	-4074 Dec 31 j 20:48	11°♒29'29	1.72222 AU
morning rise	-4076 Aug 01 j 02:17	0°♅56'36			-4073 Jan 15 j 18:58	0°♓	
	-4076 Aug 02 j 17:43	30°♋♊		evening rise	-4073 Feb 05 j 08:57	25°♓26'07	
direct	-4076 Aug 18 j 17:27	25°♊04'27			-4073 Feb 09 j 01:52	0°♈	
greatest brilliancy	-4076 Aug 29 j 17:24	27°♊18'39	-4.9m	greatest brilliancy	-4073 Feb 17 j 06:09	10°♈03'42	-3.9m
	-4076 Sep 04 j 10:50	0°♅			-4073 Mar 05 j 12:20	0°♉	
asc. node	-4076 Oct 05 j 09:34	25°♅14'27		asc. node	-4073 Mar 23 j 03:52	21°♉31'19	
morning max el	-4076 Oct 08 j 10:31	28°♅18'52	46°51'16		-4073 Mar 30 j 03:25	0°♊	
	-4076 Oct 10 j 01:52	0°♎			-4073 Apr 24 j 00:23	0°♈	
	-4076 Nov 06 j 07:12	0°♏			-4073 May 19 j 05:16	0°♊	
	-4076 Dec 01 j 19:07	0°♐			-4073 Jun 13 j 22:24	0°♅	
	-4076 Dec 26 j 17:53	0°♑			-4073 Jul 10 j 14:55	0°♎	
desc. node	-4075 Jan 20 j 12:52	0°♒		desc. node	-4073 Jul 12 j 23:59	2°♎35'02	
	-4075 Jan 25 j 07:09	5°♒46'09		evening max el	-4073 Aug 02 j 11:38	23°♎54'03	47°03'21
	-4075 Feb 14 j 06:43	0°♓			-4073 Aug 08 j 19:27	0°♏	
	-4075 Mar 10 j 23:22	0°♈		greatest brilliancy	-4073 Sep 12 j 13:48	24°♏31'13	-4.9m
	-4075 Apr 04 j 14:09	0°♉		retrograde	-4073 Sep 21 j 19:57	26°♏08'11	
morning set	-4075 Apr 12 j 04:43	9°♉17'47		evening set	-4073 Oct 07 j 10:48	21°♏20'10	
	-4075 Apr 29 j 02:21	0°♊		inferior conj	-4073 Oct 12 j 08:29	18°♏25'26	-5°12'49
max. Earth dist.	-4075 May 14 j 17:07	19°♊11'39	1.73417 AU	minimum elong	-4073 Oct 12 j 18:29	18°♏10'13	5°10'06
				min. Earth dist.	-4073 Oct 12 j 09:50	18°♏23'23	0.26397 AU
superior conj	-4075 May 18 j 00:16	23°♊15'24	-0°00'13	morning rise	-4073 Oct 18 j 02:16	15°♏04'04	
minimum elong	-4075 May 18 j 00:17	23°♊15'29	0°00'10	direct	-4073 Nov 01 j 15:05	10°♏51'01	
behind sun begin	-4075 May 17 j 02:23	22°♊08'00		asc. node	-4073 Nov 02 j 20:51	10°♏52'55	
behind sun end	-4075 May 18 j 22:12	24°♊22'59		greatest brilliancy	-4073 Nov 11 j 19:19	12°♏50'39	-4.9m
asc. node	-4075 May 18 j 02:32	23°♊22'27			-4073 Dec 07 j 09:52	0°♐	
	-4075 May 23 j 11:30	0°♈		morning max el	-4073 Dec 21 j 23:56	13°♐49'56	46°36'23
	-4075 Jun 16 j 17:34	0°♊			-4072 Jan 06 j 11:41	0°♑	
evening rise	-4075 Jun 22 j 15:44	7°♊20'58			-4072 Feb 02 j 10:35	0°♒	
	-4075 Jul 10 j 21:15	0°♅		desc. node	-4072 Feb 22 j 18:51	23°♒26'59	
	-4075 Aug 04 j 00:07	0°♎			-4072 Feb 28 j 09:43	0°♓	
	-4075 Aug 28 j 04:09	0°♏			-4072 Mar 24 j 20:56	0°♈	
desc. node	-4075 Sep 06 j 22:01	12°♏03'09			-4072 Apr 18 j 23:44	0°♉	
	-4075 Sep 21 j 11:29	0°♐			-4072 May 13 j 19:12	0°♊	
	-4075 Oct 16 j 00:49	0°♑			-4072 Jun 07 j 07:37	0°♈	
	-4075 Nov 10 j 01:34	0°♒		asc. node	-4072 Jun 14 j 14:51	9°♈00'14	
	-4075 Dec 06 j 03:42	0°♓		morning set	-4072 Jun 18 j 01:02	13°♈14'09	
evening max el	-4075 Dec 26 j 02:09	21°♓10'31	46°14'37		-4072 Jul 01 j 13:25	0°♊	
asc. node	-4075 Dec 28 j 17:55	23°♓48'39		max. Earth dist.	-4072 Jul 20 j 18:46	23°♊59'38	1.71811 AU
	-4074 Jan 04 j 05:35	0°♈					
greatest brilliancy	-4074 Feb 03 j 00:11	20°♈55'43	-4.8m	superior conj	-4072 Jul 24 j 20:48	29°♊06'33	1°16'02
retrograde	-4074 Feb 13 j 21:11	23°♈07'23		minimum elong	-4072 Jul 24 j 13:39	28°♊44'09	1°16'03
evening set	-4074 Mar 03 j 10:03	17°♈10'45			-4072 Jul 25 j 13:52	0°♅	
inferior conj	-4074 Mar 07 j 07:21	14°♈44'31	7°40'38		-4072 Aug 18 j 11:08	0°♎	
minimum elong	-4074 Mar 07 j 13:27	14°♈34'47	7°39'52	evening rise	-4072 Sep 01 j 04:56	17°♎16'50	
min. Earth dist.	-4074 Mar 07 j 11:26	14°♈38'00	0.29329 AU		-4072 Sep 11 j 07:46	0°♏	
morning rise	-4074 Mar 11 j 16:56	11°♈59'40		desc. node	-4072 Oct 04 j 10:21	28°♏58'50	
direct	-4074 Mar 28 j 22:44	6°♈18'18			-4072 Oct 05 j 05:54	0°♐	
greatest brilliancy	-4074 Apr 07 j 20:59	8°♈05'05	-4.7m		-4072 Oct 29 j 06:57	0°♑	
desc. node	-4074 Apr 19 j 15:27	13°♈53'59			-4072 Nov 22 j 12:22	0°♒	
	-4074 May 10 j 06:12	0°♉			-4072 Dec 17 j 01:08	0°♓	
morning max el	-4074 May 16 j 20:29	6°♉07'09	45°50'57		-4071 Jan 11 j 03:36	0°♈	
	-4074 Jun 09 j 05:14	0°♊		asc. node	-4071 Jan 25 j 05:35	16°♈19'47	
	-4074 Jul 06 j 00:12	0°♈			-4071 Feb 06 j 09:05	0°♉	
	-4074 Jul 31 j 09:29	0°♊		evening max el	-4071 Mar 07 j 01:10	29°♉50'20	45°10'03
asc. node	-4074 Aug 10 j 12:40	12°♊16'54			-4071 Mar 07 j 05:13	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4071 Apr 13 j 13:37	27° Υ 00'21	-4.7m			-4069 Sep 26 j 20:59	0° \mathfrak{M}	
retrograde	-4071 Apr 24 j 04:10	29° Υ 00'13						
evening set	-4071 May 09 j 04:39	24° Υ 44'03		superior conj	-4069 Oct 07 j 19:18	13° \mathfrak{M} 48'02	0°54'13	
inferior conj	-4071 May 15 j 13:51	20° Υ 57'47	0°21'33	minimum elong	-4069 Oct 08 j 06:36	14° \mathfrak{M} 23'41	0°53'51	
minimum elong	-4071 May 15 j 14:39	20° Υ 56'33	0°21'22	max. Earth dist.	-4069 Oct 10 j 08:11	17° \mathfrak{M} 00'01	1.70880 AU	
min. Earth dist.	-4071 May 16 j 05:28	20° Υ 33'35	0.28743 AU		-4069 Oct 20 j 15:48	0° Ω		
desc. node	-4071 May 17 j 03:01	20° Υ 00'16		desc. node	-4069 Nov 01 j 22:51	15° Ω 27'29		
morning rise	-4071 May 21 j 23:58	17° Υ 08'22			-4069 Nov 13 j 13:07	0° \mathfrak{M}		
direct	-4071 Jun 06 j 07:55	12° Υ 41'01		evening rise	-4069 Nov 19 j 09:31	7° \mathfrak{M} 19'13		
greatest brilliancy	-4071 Jun 17 j 09:26	14° Υ 52'17	-4.8m		-4069 Dec 07 j 13:42	0° \mathfrak{X}		
	-4071 Jul 11 j 00:08	0° \mathfrak{X}			-4069 Dec 31 j 18:15	0° \mathfrak{Z}		
morning max el	-4071 Jul 25 j 21:47	13° \mathfrak{X} 38'52	46°20'04		-4068 Jan 25 j 04:27	0° \approx		
	-4071 Aug 10 j 17:30	0° Π			-4068 Feb 18 j 23:26	0° \mathfrak{H}		
	-4071 Sep 06 j 06:16	0° \mathfrak{E}		asc. node	-4068 Feb 22 j 17:40	4° \mathfrak{H} 29'51		
asc. node	-4071 Sep 07 j 00:20	0° \mathfrak{E} 53'01			-4068 Mar 15 j 08:10	0° Υ		
	-4071 Oct 01 j 06:42	0° Ω			-4068 Apr 10 j 15:21	0° \mathfrak{X}		
	-4071 Oct 25 j 15:14	0° \mathfrak{M}			-4068 May 08 j 18:50	0° Π		
	-4071 Nov 18 j 18:21	0° Ω		evening max el	-4068 May 17 j 07:28	8° Π 22'06	45°33'03	
	-4071 Dec 12 j 21:33	0° \mathfrak{M}			-4068 Jun 12 j 12:11	0° \mathfrak{E}		
desc. node	-4071 Dec 27 j 21:16	18° \mathfrak{M} 34'41		desc. node	-4068 Jun 13 j 14:34	0° \mathfrak{E} 42'02		
	-4070 Jan 06 j 02:56	0° \mathfrak{X}		greatest brilliancy	-4068 Jun 25 j 14:59	6° \mathfrak{E} 36'52	-4.8m	
	-4070 Jan 30 j 10:32	0° \mathfrak{Z}		retrograde	-4068 Jul 05 j 07:47	8° \mathfrak{E} 19'03		
morning set	-4070 Jan 30 j 15:47	0° \mathfrak{Z} 16'13		evening set	-4068 Jul 22 j 05:17	2° \mathfrak{E} 59'46		
	-4070 Feb 23 j 19:40	0° \approx		inferior conj	-4068 Jul 26 j 07:49	0° \mathfrak{E} 34'08	-8°09'12	
				minimum elong	-4068 Jul 25 j 23:59	0° \mathfrak{E} 45'56	8°08'05	
superior conj	-4070 Mar 09 j 17:09	17° \approx 04'24	-1°16'07	min. Earth dist.	-4068 Jul 26 j 15:22	0° \mathfrak{E} 22'44	0.27518 AU	
minimum elong	-4070 Mar 09 j 23:56	17° \approx 25'15	1°16'07		-4068 Jul 27 j 06:26	30° \mathfrak{X} Π		
max. Earth dist.	-4070 Mar 10 j 09:36	17° \approx 54'54	1.73576 AU	morning rise	-4068 Jul 29 j 18:27	28° Π 30'43		
	-4070 Mar 20 j 05:46	0° \mathfrak{H}		direct	-4068 Aug 16 j 07:57	22° Π 41'35		
	-4070 Apr 13 j 16:32	0° Υ		greatest brilliancy	-4068 Aug 27 j 07:43	24° Π 56'07	-4.9m	
evening rise	-4070 Apr 15 j 05:38	1° Υ 53'44			-4068 Sep 06 j 01:27	0° \mathfrak{E}		
asc. node	-4070 Apr 19 j 16:16	7° Υ 20'42		asc. node	-4068 Oct 04 j 11:42	24° \mathfrak{E} 20'30		
	-4070 May 08 j 03:49	0° \mathfrak{X}		morning max el	-4068 Oct 06 j 01:11	25° \mathfrak{E} 55'41	46°51'00	
	-4070 Jun 01 j 15:49	0° Π			-4068 Oct 09 j 23:35	0° Ω		
	-4070 Jun 26 j 05:26	0° \mathfrak{E}			-4068 Nov 05 j 23:25	0° \mathfrak{M}		
	-4070 Jul 20 j 22:42	0° Ω			-4068 Dec 01 j 09:11	0° Ω		
desc. node	-4070 Aug 09 j 11:53	23° Ω 29'02			-4068 Dec 26 j 06:49	0° \mathfrak{M}		
	-4070 Aug 14 j 23:10	0° \mathfrak{M}			-4067 Jan 20 j 01:08	0° \mathfrak{X}		
	-4070 Sep 09 j 13:41	0° Ω		desc. node	-4067 Jan 24 j 09:08	5° \mathfrak{X} 15'23		
	-4070 Oct 06 j 12:20	0° \mathfrak{M}			-4067 Feb 13 j 18:29	0° \mathfrak{Z}		
evening max el	-4070 Oct 13 j 21:50	7° \mathfrak{M} 43'12	47°31'30		-4067 Mar 10 j 10:47	0° \approx		
	-4070 Nov 07 j 07:13	0° \mathfrak{X}			-4067 Apr 04 j 01:19	0° \mathfrak{H}		
greatest brilliancy	-4070 Nov 23 j 10:50	9° \mathfrak{X} 39'13	-4.9m	morning set	-4067 Apr 09 j 23:19	7° \mathfrak{H} 13'53		
asc. node	-4070 Nov 30 j 08:27	11° \mathfrak{X} 32'28			-4067 Apr 28 j 13:23	0° Υ		
retrograde	-4070 Dec 04 j 01:22	11° \mathfrak{X} 49'08		max. Earth dist.	-4067 May 12 j 16:23	17° Υ 21'36	1.73450 AU	
evening set	-4070 Dec 19 j 11:05	7° \mathfrak{X} 01'51						
min. Earth dist.	-4070 Dec 23 j 21:56	4° \mathfrak{X} 18'35	0.27638 AU	superior conj	-4067 May 15 j 19:06	21° Υ 11'39	-0°03'19	
inferior conj	-4070 Dec 25 j 00:02	3° \mathfrak{X} 37'08	5°35'13	minimum elong	-4067 May 15 j 19:44	21° Υ 13'35	0°03'13	
minimum elong	-4070 Dec 24 j 14:49	3° \mathfrak{X} 51'47	5°32'58	behind sun begin	-4067 May 14 j 22:03	20° Υ 06'46		
morning rise	-4070 Dec 29 j 19:17	0° \mathfrak{X} 39'34		behind sun end	-4067 May 16 j 17:26	22° Υ 20'25		
	-4070 Dec 30 j 23:09	30° \mathfrak{X} \mathfrak{M}		asc. node	-4067 May 17 j 04:42	22° Υ 55'09		
direct	-4069 Jan 14 j 16:44	25° \mathfrak{M} 40'27			-4067 May 22 j 22:31	0° \mathfrak{X}		
greatest brilliancy	-4069 Jan 23 j 11:52	27° \mathfrak{M} 07'10	-4.8m		-4067 Jun 16 j 04:42	0° Π		
	-4069 Jan 30 j 09:31	0° \mathfrak{X}		evening rise	-4067 Jun 20 j 10:16	5° Π 14'54		
morning max el	-4069 Mar 04 j 15:38	26° \mathfrak{X} 00'03	45°59'42		-4067 Jul 10 j 08:36	0° \mathfrak{E}		
	-4069 Mar 08 j 18:21	0° \mathfrak{Z}			-4067 Aug 03 j 11:45	0° Ω		
desc. node	-4069 Mar 22 j 06:22	13° \mathfrak{Z} 45'04			-4067 Aug 27 j 16:09	0° \mathfrak{M}		
	-4069 Apr 06 j 09:25	0° \approx		desc. node	-4067 Sep 06 j 00:06	11° \mathfrak{M} 31'59		
	-4069 May 03 j 01:01	0° \mathfrak{H}			-4067 Sep 20 j 23:58	0° Ω		
	-4069 May 28 j 16:58	0° Υ			-4067 Oct 15 j 13:59	0° \mathfrak{M}		
	-4069 Jun 22 j 16:55	0° \mathfrak{X}			-4067 Nov 09 j 15:57	0° \mathfrak{X}		
asc. node	-4069 Jul 13 j 02:50	24° \mathfrak{X} 58'43			-4067 Dec 05 j 20:46	0° \mathfrak{Z}		
	-4069 Jul 17 j 04:27	0° Π		evening max el	-4067 Dec 23 j 18:37	18° \mathfrak{Z} 57'21	46°17'39	
	-4069 Aug 10 j 06:37	0° \mathfrak{E}		asc. node	-4067 Dec 27 j 19:56	22° \mathfrak{Z} 57'44		
greatest brilliancy	-4069 Aug 27 j 20:19	22° \mathfrak{E} 05'08	-3.9m		-4066 Jan 04 j 08:05	0° \approx		
morning set	-4069 Aug 28 j 17:56	23° \mathfrak{E} 13'17		greatest brilliancy	-4066 Jan 31 j 16:35	18° \approx 45'53	-4.8m	
	-4069 Sep 03 j 02:54	0° Ω		retrograde	-4066 Feb 11 j 14:47	20° \approx 58'27		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4066 Mar 01 j 04:42	14° \approx 59'02		-4064 Jul 25 j 00:56	0° \mathfrak{C}	
inferior conj	-4066 Mar 05 j 00:18	12° \approx 35'07	7°47'19	-4064 Aug 17 j 22:19	0° Ω	
minimum elong	-4066 Mar 05 j 05:54	12° \approx 26'11	7°46'41	evening rise	-4064 Aug 29 j 16:57	14° Ω 48'15
min. Earth dist.	-4066 Mar 05 j 02:47	12° \approx 31'09	0.29314 AU		-4064 Sep 10 j 19:08	0° \mathfrak{M}
morning rise	-4066 Mar 09 j 07:16	9° \approx 54'15		desc. node	-4064 Oct 03 j 12:32	28° \mathfrak{M} 29'33
direct	-4066 Mar 26 j 15:52	4° \approx 09'23			-4064 Oct 04 j 17:27	0° $\underline{\Omega}$
greatest brilliancy	-4066 Apr 05 j 11:22	5° \approx 54'19	-4.7m		-4064 Oct 28 j 18:42	0° \mathfrak{M}
desc. node	-4066 Apr 18 j 17:41	12° \approx 39'13			-4064 Nov 22 j 00:25	0° \mathfrak{X}
	-4066 May 10 j 07:18	0° \mathfrak{X}			-4064 Dec 16 j 13:40	0° \mathfrak{Z}
morning max el	-4066 May 14 j 13:27	3° \mathfrak{X} 59'22	45°50'27		-4063 Jan 10 j 17:07	0° \approx
	-4066 Jun 08 j 21:48	0° \mathfrak{Y}		asc. node	-4063 Jan 24 j 07:42	15° \approx 44'35
	-4066 Jul 05 j 14:05	0° \mathfrak{B}			-4063 Feb 06 j 00:53	0° \mathfrak{X}
	-4066 Jul 30 j 22:10	0° \mathfrak{II}		evening max el	-4063 Mar 04 j 15:34	27° \mathfrak{X} 36'23 45°10'55
asc. node	-4066 Aug 09 j 14:45	11° \mathfrak{II} 45'35			-4063 Mar 07 j 04:10	0° \mathfrak{Y}
	-4066 Aug 24 j 10:57	0° \mathfrak{C}		greatest brilliancy	-4063 Apr 11 j 05:34	24° \mathfrak{Y} 51'25 -4.7m
	-4066 Sep 17 j 12:15	0° Ω		retrograde	-4063 Apr 21 j 19:35	26° \mathfrak{Y} 51'24
	-4066 Oct 11 j 08:16	0° \mathfrak{M}		evening set	-4063 May 06 j 21:38	22° \mathfrak{Y} 33'11
	-4066 Nov 04 j 03:45	0° $\underline{\Omega}$		inferior conj	-4063 May 13 j 05:56	18° \mathfrak{Y} 48'12 0°41'13
morning set	-4066 Nov 12 j 23:47	11° $\underline{\Omega}$ 06'14		minimum elong	-4063 May 13 j 07:27	18° \mathfrak{Y} 45'51 0°40'50
	-4066 Nov 28 j 01:28	0° \mathfrak{M}		min. Earth dist.	-4063 May 13 j 22:15	18° \mathfrak{Y} 22'54 0.28786 AU
desc. node	-4066 Nov 29 j 11:07	1° \mathfrak{M} 45'18		desc. node	-4063 May 16 j 05:08	16° \mathfrak{Y} 58'33
	-4066 Dec 22 j 02:17	0° \mathfrak{X}		morning rise	-4063 May 19 j 16:30	14° \mathfrak{Y} 57'46
				direct	-4063 Jun 03 j 23:42	10° \mathfrak{Y} 30'28
superior conj	-4066 Dec 25 j 02:50	3° \mathfrak{X} 45'46	-0°54'45	greatest brilliancy	-4063 Jun 15 j 02:15	12° \mathfrak{Y} 42'10 -4.8m
minimum elong	-4066 Dec 24 j 15:48	3° \mathfrak{X} 11'27	0°54'31		-4063 Jul 11 j 06:14	0° \mathfrak{B}
max. Earth dist.	-4066 Dec 29 j 12:46	9° \mathfrak{X} 15'08	1.72164 AU	morning max el	-4063 Jul 23 j 12:28	11° \mathfrak{B} 22'08 46°18'46
	-4065 Jan 15 j 06:07	0° \mathfrak{Z}			-4063 Aug 10 j 11:15	0° \mathfrak{II}
evening rise	-4065 Feb 02 j 23:47	23° \mathfrak{Z} 09'32			-4063 Sep 05 j 20:45	0° \mathfrak{C}
	-4065 Feb 08 j 13:01	0° \approx		asc. node	-4063 Sep 06 j 02:32	0° \mathfrak{C} 17'00
greatest brilliancy	-4065 Feb 16 j 09:46	9° \approx 40'30	-3.9m		-4063 Sep 30 j 19:49	0° Ω
	-4065 Mar 04 j 23:36	0° \mathfrak{X}			-4063 Oct 25 j 03:37	0° \mathfrak{M}
asc. node	-4065 Mar 22 j 06:02	21° \mathfrak{X} 03'04			-4063 Nov 18 j 06:16	0° $\underline{\Omega}$
	-4065 Mar 29 j 14:58	0° \mathfrak{Y}			-4063 Dec 12 j 09:09	0° \mathfrak{M}
	-4065 Apr 23 j 12:29	0° \mathfrak{B}		desc. node	-4063 Dec 26 j 23:14	18° \mathfrak{M} 05'20
	-4065 May 18 j 18:17	0° \mathfrak{II}			-4062 Jan 05 j 14:16	0° \mathfrak{X}
	-4065 Jun 13 j 13:03	0° \mathfrak{C}		morning set	-4062 Jan 28 j 05:30	27° \mathfrak{X} 56'17
	-4065 Jul 10 j 08:55	0° Ω			-4062 Jan 29 j 21:39	0° \mathfrak{Z}
desc. node	-4065 Jul 12 j 02:01	1° Ω 50'53			-4062 Feb 23 j 06:38	0° \approx
evening max el	-4065 Jul 31 j 01:15	21° Ω 29'50	47°00'27			
	-4065 Aug 08 j 23:29	0° \mathfrak{M}		superior conj	-4062 Mar 07 j 10:25	14° \approx 56'35 -1°17'23
greatest brilliancy	-4065 Sep 10 j 02:37	22° \mathfrak{M} 01'01	-4.9m	minimum elong	-4062 Mar 07 j 16:47	15° \approx 16'08 1°17'24
retrograde	-4065 Sep 19 j 07:42	23° \mathfrak{M} 36'36		max. Earth dist.	-4062 Mar 08 j 04:23	15° \approx 51'47 1.73547 AU
evening set	-4065 Oct 05 j 02:00	18° \mathfrak{M} 44'55			-4062 Mar 19 j 16:39	0° \mathfrak{X}
inferior conj	-4065 Oct 09 j 20:27	15° \mathfrak{M} 54'36	-5°32'40	evening rise	-4062 Apr 13 j 00:35	29° \mathfrak{X} 51'15
minimum elong	-4065 Oct 10 j 06:47	15° \mathfrak{M} 38'52	5°29'58		-4062 Apr 13 j 03:26	0° \mathfrak{Y}
min. Earth dist.	-4065 Oct 09 j 22:50	15° \mathfrak{M} 50'58	0.26406 AU	asc. node	-4062 Apr 18 j 18:27	6° \mathfrak{Y} 53'54
morning rise	-4065 Oct 15 j 11:37	12° \mathfrak{M} 36'36			-4062 May 07 j 14:53	0° \mathfrak{B}
direct	-4065 Oct 30 j 03:26	8° \mathfrak{M} 20'24			-4062 Jun 01 j 03:13	0° \mathfrak{II}
asc. node	-4065 Nov 01 j 23:06	8° \mathfrak{M} 30'02			-4062 Jun 25 j 17:22	0° \mathfrak{C}
greatest brilliancy	-4065 Nov 09 j 08:30	10° \mathfrak{M} 20'31	-4.9m		-4062 Jul 20 j 11:24	0° Ω
	-4065 Dec 07 j 16:57	0° $\underline{\Omega}$		desc. node	-4062 Aug 08 j 13:59	22° Ω 54'57
morning max el	-4065 Dec 19 j 12:34	11° $\underline{\Omega}$ 22'16	46°37'36		-4062 Aug 14 j 13:02	0° \mathfrak{M}
	-4064 Jan 06 j 06:19	0° \mathfrak{M}			-4062 Sep 09 j 05:32	0° $\underline{\Omega}$
	-4064 Feb 02 j 01:31	0° \mathfrak{X}			-4062 Oct 06 j 08:48	0° \mathfrak{M}
desc. node	-4064 Feb 21 j 21:01	22° \mathfrak{X} 54'03		evening max el	-4062 Oct 11 j 11:51	5° \mathfrak{M} 18'58 47°32'40
	-4064 Feb 27 j 22:53	0° \mathfrak{Z}			-4062 Nov 08 j 03:18	0° \mathfrak{X}
	-4064 Mar 24 j 09:07	0° \approx		greatest brilliancy	-4062 Nov 21 j 02:49	7° \mathfrak{X} 18'11 -4.9m
	-4064 Apr 18 j 11:21	0° \mathfrak{X}		asc. node	-4062 Nov 29 j 10:28	9° \mathfrak{X} 21'27
	-4064 May 13 j 06:29	0° \mathfrak{Y}		retrograde	-4062 Dec 01 j 16:16	9° \mathfrak{X} 27'38
	-4064 Jun 06 j 18:43	0° \mathfrak{B}		evening set	-4062 Dec 16 j 23:25	4° \mathfrak{X} 44'00
asc. node	-4064 Jun 13 j 16:52	8° \mathfrak{B} 32'15		min. Earth dist.	-4062 Dec 21 j 12:45	1° \mathfrak{X} 57'42 0.27563 AU
morning set	-4064 Jun 15 j 18:47	11° \mathfrak{B} 06'25		inferior conj	-4062 Dec 22 j 14:42	1° \mathfrak{X} 16'36 5°19'06
	-4064 Jul 01 j 00:28	0° \mathfrak{II}		minimum elong	-4062 Dec 22 j 05:36	1° \mathfrak{X} 31'02 5°16'47
max. Earth dist.	-4064 Jul 18 j 07:37	21° \mathfrak{II} 35'04	1.71873 AU		-4062 Dec 24 j 15:21	30° \mathfrak{M}
				morning rise	-4062 Dec 27 j 12:29	28° \mathfrak{M} 15'42
superior conj	-4064 Jul 22 j 12:51	26° \mathfrak{II} 51'50	1°14'32	direct	-4061 Jan 12 j 06:06	23° \mathfrak{M} 20'53
minimum elong	-4064 Jul 22 j 05:17	26° \mathfrak{II} 28'10	1°14'33	greatest brilliancy	-4061 Jan 21 j 02:37	24° \mathfrak{M} 48'51 -4.8m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4061 Feb 01 j 02:53	0°♂				-4059 Jul 09 j 19:37	0°♄		
morning max el	-4061 Mar 02 j 06:20	23°♂44'49	46°00'50			-4059 Aug 02 j 23:03	0°♄		
	-4061 Mar 08 j 15:30	0°♄				-4059 Aug 27 j 03:51	0°♄		
desc. node	-4061 Mar 21 j 08:32	13°♄04'07		desc. node		-4059 Sep 05 j 02:17	11°♄02'04		
	-4061 Apr 06 j 00:51	0°♄				-4059 Sep 20 j 12:12	0°♄		
	-4061 May 02 j 14:14	0°♄				-4059 Oct 15 j 03:00	0°♄		
	-4061 May 28 j 05:04	0°♄				-4059 Nov 09 j 06:14	0°♄		
	-4061 Jun 22 j 04:25	0°♄				-4059 Dec 05 j 13:56	0°♄		
asc. node	-4061 Jul 12 j 04:59	24°♄30'38		evening max el		-4059 Dec 21 j 10:57	16°♄44'21	46°20'50	
	-4061 Jul 16 j 15:40	0°♄		asc. node		-4059 Dec 26 j 22:05	22°♄06'54		
	-4061 Aug 09 j 17:43	0°♄				-4058 Jan 04 j 11:54	0°♄		
morning set	-4061 Aug 26 j 07:03	20°♄48'24		greatest brilliancy		-4058 Jan 29 j 09:40	16°♄37'31	-4.8m	
	-4061 Sep 02 j 14:01	0°♄		retrograde		-4058 Feb 09 j 08:06	18°♄50'06		
	-4061 Sep 26 j 08:07	0°♄		evening set		-4058 Feb 26 j 23:12	12°♄48'29		
				inferior conj		-4058 Mar 02 j 17:16	10°♄26'33	7°53'27	
superior conj	-4061 Oct 05 j 04:58	11°♄11'55	0°57'11	minimum elong		-4058 Mar 02 j 22:19	10°♄18'30	7°52'54	
minimum elong	-4061 Oct 05 j 16:22	11°♄47'53	0°56'50	min. Earth dist.		-4058 Mar 02 j 18:12	10°♄25'04	0.29292 AU	
max. Earth dist.	-4061 Oct 07 j 13:01	14°♄08'44	1.70871 AU	morning rise		-4058 Mar 06 j 21:37	7°♄49'27		
	-4061 Oct 20 j 02:57	0°♄		direct		-4058 Mar 24 j 08:54	2°♄01'30		
desc. node	-4061 Nov 01 j 00:54	14°♄58'52		greatest brilliancy		-4058 Apr 03 j 01:38	3°♄44'18	-4.7m	
	-4061 Nov 13 j 00:17	0°♄		desc. node		-4058 Apr 17 j 19:49	11°♄27'28		
evening rise	-4061 Nov 16 j 18:18	4°♄41'41				-4058 May 10 j 06:49	0°♄		
	-4061 Dec 07 j 00:55	0°♄		morning max el		-4058 May 12 j 05:34	1°♄50'34	45°49'58	
	-4061 Dec 31 j 05:34	0°♄				-4058 Jun 08 j 13:41	0°♄		
	-4060 Jan 24 j 15:59	0°♄				-4058 Jul 05 j 03:29	0°♄		
	-4060 Feb 18 j 11:27	0°♄				-4058 Jul 30 j 10:25	0°♄		
asc. node	-4060 Feb 21 j 19:52	4°♄00'14		asc. node		-4058 Aug 08 j 16:58	11°♄15'50		
	-4060 Mar 14 j 21:11	0°♄				-4058 Aug 23 j 22:37	0°♄		
	-4060 Apr 10 j 06:28	0°♄				-4058 Sep 16 j 23:36	0°♄		
	-4060 May 08 j 15:23	0°♄				-4058 Oct 10 j 19:28	0°♄		
evening max el	-4060 May 14 j 22:23	6°♄07'44	45°30'54			-4058 Nov 03 j 14:53	0°♄		
desc. node	-4060 Jun 12 j 16:34	29°♄19'06		morning set		-4058 Nov 10 j 09:35	8°♄31'27		
	-4060 Jun 13 j 20:35	0°♄				-4058 Nov 27 j 12:32	0°♄		
greatest brilliancy	-4060 Jun 23 j 01:53	4°♄15'03	-4.8m	desc. node		-4058 Nov 28 j 13:07	1°♄16'57		
retrograde	-4060 Jul 02 j 21:22	5°♄58'58				-4058 Dec 21 j 13:15	0°♄		
evening set	-4060 Jul 19 j 14:37	0°♄44'58							
	-4060 Jul 20 j 21:48	30°♄♄		superior conj		-4058 Dec 22 j 13:34	1°♄15'40	-0°51'50	
inferior conj	-4060 Jul 23 j 21:11	28°♄13'20	-7°59'22	minimum elong		-4058 Dec 22 j 02:42	0°♄41'49	0°51'33	
minimum elong	-4060 Jul 23 j 12:48	28°♄26'00	7°58'05	max. Earth dist.		-4058 Dec 27 j 04:14	6°♄59'55	1.72104 AU	
min. Earth dist.	-4060 Jul 24 j 04:04	28°♄02'56	0.27564 AU			-4057 Jan 14 j 17:00	0°♄		
morning rise	-4060 Jul 27 j 10:45	26°♄05'42		evening rise		-4057 Jan 31 j 14:00	20°♄51'48		
direct	-4060 Aug 13 j 22:44	20°♄20'08				-4057 Feb 07 j 23:53	0°♄		
greatest brilliancy	-4060 Aug 24 j 21:25	22°♄33'54	-4.9m	greatest brilliancy		-4057 Feb 15 j 23:07	9°♄48'02	-3.9m	
	-4060 Sep 07 j 04:07	0°♄				-4057 Mar 04 j 10:35	0°♄		
morning max el	-4060 Oct 03 j 15:48	23°♄33'08	46°50'26	asc. node		-4057 Mar 21 j 08:10	20°♄35'39		
asc. node	-4060 Oct 03 j 13:56	23°♄28'22				-4057 Mar 29 j 02:15	0°♄		
	-4060 Oct 09 j 20:20	0°♄				-4057 Apr 23 j 00:19	0°♄		
	-4060 Nov 05 j 15:13	0°♄				-4057 May 18 j 07:05	0°♄		
	-4060 Nov 30 j 22:58	0°♄				-4057 Jun 13 j 03:34	0°♄		
	-4060 Dec 25 j 19:30	0°♄				-4057 Jul 10 j 02:58	0°♄		
	-4059 Jan 19 j 13:05	0°♄		desc. node		-4057 Jul 11 j 04:15	1°♄07'45		
desc. node	-4059 Jan 23 j 11:20	4°♄46'08		evening max el		-4057 Jul 28 j 13:59	19°♄04'38	46°57'33	
	-4059 Feb 13 j 05:55	0°♄				-4057 Aug 09 j 04:48	0°♄		
	-4059 Mar 09 j 21:51	0°♄		greatest brilliancy		-4057 Sep 07 j 15:59	19°♄33'04	-4.9m	
	-4059 Apr 03 j 12:08	0°♄		retrograde		-4057 Sep 16 j 19:09	21°♄06'57		
morning set	-4059 Apr 07 j 17:55	5°♄10'58		evening set		-4057 Oct 02 j 17:24	16°♄11'24		
	-4059 Apr 28 j 00:05	0°♄		inferior conj		-4057 Oct 07 j 08:36	13°♄25'45	-5°51'37	
max. Earth dist.	-4059 May 10 j 14:39	15°♄29'26	1.73480 AU	minimum elong		-4057 Oct 07 j 19:10	13°♄09'39	5°48'57	
				min. Earth dist.		-4057 Oct 07 j 12:14	13°♄20'13	0.26418 AU	
superior conj	-4059 May 13 j 14:06	19°♄09'20	-0°06'21	morning rise		-4057 Oct 12 j 20:55	10°♄11'19		
minimum elong	-4059 May 13 j 15:19	19°♄13'06	0°06'14	direct		-4057 Oct 27 j 15:27	5°♄51'27		
behind sun begin	-4059 May 12 j 18:52	18°♄10'07		asc. node		-4057 Nov 01 j 01:06	6°♄14'36		
behind sun end	-4059 May 14 j 11:47	20°♄16'06		greatest brilliancy		-4057 Nov 06 j 22:20	7°♄52'42	-4.9m	
asc. node	-4059 May 16 j 06:44	22°♄28'22				-4057 Dec 07 j 21:28	0°♄		
	-4059 May 22 j 09:14	0°♄		morning max el		-4057 Dec 17 j 00:38	8°♄53'55	46°38'40	
	-4059 Jun 15 j 15:31	0°♄				-4056 Jan 06 j 00:11	0°♄		
evening rise	-4059 Jun 18 j 05:01	3°♄10'35				-4056 Feb 01 j 16:02	0°♄		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4056 Feb 20 j 23:10	22° ♊ 21'48		evening max el	-4054 Oct 09 j 02:46	2° ♎ 57'16	47°33'44
	-4056 Feb 27 j 11:45	0° ♊			-4054 Nov 09 j 06:37	0° ♊	
	-4056 Mar 23 j 21:02	0° ♋		greatest brilliancy	-4054 Nov 18 j 18:24	4° ♊ 56'43	-4.9m
	-4056 Apr 17 j 22:41	0° ♋		asc. node	-4054 Nov 28 j 12:37	7° ♊ 05'30	
	-4056 May 12 j 17:28	0° ♌		retrograde	-4054 Nov 29 j 07:41	7° ♊ 06'17	
	-4056 Jun 06 j 05:32	0° ♌		evening set	-4054 Dec 14 j 11:55	2° ♊ 26'00	
asc. node	-4056 Jun 12 j 18:58	8° ♌ 05'21			-4054 Dec 18 j 12:47	30° ♋	
morning set	-4056 Jun 13 j 12:35	8° ♌ 59'44		min. Earth dist.	-4054 Dec 19 j 03:17	29° ♋ 37'13	0.27485 AU
	-4056 Jun 30 j 11:15	0° ♍		inferior conj	-4054 Dec 20 j 05:20	28° ♋ 56'06	5°02'21
max. Earth dist.	-4056 Jul 15 j 22:38	19° ♍ 18'05	1.71938 AU	minimum elong	-4054 Dec 19 j 20:25	29° ♋ 10'11	5°00'00
				morning rise	-4054 Dec 25 j 05:41	25° ♋ 52'05	
superior conj	-4056 Jul 20 j 05:08	24° ♍ 38'40	1°12'56	direct	-4053 Jan 09 j 19:54	21° ♋ 01'30	
minimum elong	-4056 Jul 19 j 21:13	24° ♍ 13'54	1°12'56	greatest brilliancy	-4053 Jan 18 j 16:49	22° ♋ 30'15	-4.8m
	-4056 Jul 24 j 11:47	0° ♎			-4053 Feb 02 j 07:17	0° ♊	
	-4056 Aug 17 j 09:17	0° ♎		morning max el	-4053 Feb 27 j 21:46	21° ♊ 31'38	46°01'54
evening rise	-4056 Aug 27 j 05:30	12° ♎ 22'13			-4053 Mar 08 j 11:49	0° ♊	
	-4056 Sep 10 j 06:15	0° ♏		desc. node	-4053 Mar 20 j 10:37	12° ♊ 23'39	
desc. node	-4056 Oct 02 j 14:36	28° ♏ 00'44			-4053 Apr 05 j 16:00	0° ♋	
	-4056 Oct 04 j 04:44	0° ♏			-4053 May 02 j 03:19	0° ♋	
	-4056 Oct 28 j 06:11	0° ♎			-4053 May 27 j 17:08	0° ♌	
	-4056 Nov 21 j 12:11	0° ♊			-4053 Jun 21 j 15:56	0° ♌	
	-4056 Dec 16 j 01:59	0° ♊		asc. node	-4053 Jul 11 j 07:12	24° ♌ 02'41	
	-4055 Jan 10 j 06:31	0° ♋			-4053 Jul 16 j 02:54	0° ♍	
asc. node	-4055 Jan 23 j 09:54	15° ♋ 09'59			-4053 Aug 09 j 04:51	0° ♎	
	-4055 Feb 05 j 16:44	0° ♋		morning set	-4053 Aug 23 j 20:22	18° ♎ 24'16	
evening max el	-4055 Mar 02 j 06:05	25° ♋ 23'11	45°12'00		-4053 Sep 02 j 01:08	0° ♎	
	-4055 Mar 07 j 03:58	0° ♌			-4053 Sep 25 j 19:16	0° ♏	
greatest brilliancy	-4055 Apr 08 j 21:13	22° ♌ 42'46	-4.7m				
retrograde	-4055 Apr 19 j 11:36	24° ♌ 43'33		superior conj	-4053 Oct 02 j 14:51	8° ♏ 36'21	1°00'00
evening set	-4055 May 04 j 14:53	20° ♌ 22'54		minimum elong	-4053 Oct 03 j 02:15	9° ♏ 12'18	0°59'42
inferior conj	-4055 May 10 j 22:08	16° ♌ 39'24	1°00'37	max. Earth dist.	-4053 Oct 04 j 19:35	11° ♏ 22'44	1.70867 AU
minimum elong	-4055 May 11 j 00:21	16° ♌ 35'59	1°00'02		-4053 Oct 19 j 14:10	0° ♏	
min. Earth dist.	-4055 May 11 j 14:55	16° ♌ 13'23	0.28828 AU	desc. node	-4053 Oct 31 j 02:56	14° ♏ 29'53	
desc. node	-4055 May 15 j 07:08	13° ♌ 59'20			-4053 Nov 12 j 11:33	0° ♐	
morning rise	-4055 May 17 j 09:02	12° ♌ 48'26		evening rise	-4053 Nov 14 j 03:05	2° ♐ 03'45	
direct	-4055 Jun 01 j 15:44	8° ♌ 20'43			-4053 Dec 06 j 12:14	0° ♊	
greatest brilliancy	-4055 Jun 12 j 19:06	10° ♌ 33'04	-4.7m		-4053 Dec 30 j 16:58	0° ♊	
	-4055 Jul 11 j 10:05	0° ♍			-4052 Jan 24 j 03:35	0° ♋	
morning max el	-4055 Jul 21 j 04:04	9° ♍ 08'31	46°17'27		-4052 Feb 17 j 23:32	0° ♋	
	-4055 Aug 10 j 04:24	0° ♍		asc. node	-4052 Feb 20 j 21:59	3° ♋ 30'10	
asc. node	-4055 Sep 05 j 04:37	29° ♍ 41'25			-4052 Mar 14 j 10:20	0° ♌	
	-4055 Sep 05 j 10:55	0° ♎			-4052 Apr 09 j 21:55	0° ♌	
	-4055 Sep 30 j 08:41	0° ♎			-4052 May 08 j 12:50	0° ♍	
	-4055 Oct 24 j 15:47	0° ♏		evening max el	-4052 May 12 j 13:43	3° ♍ 54'05	45°28'40
	-4055 Nov 17 j 18:00	0° ♏		desc. node	-4052 Jun 11 j 18:49	27° ♍ 53'18	
	-4055 Dec 11 j 20:32	0° ♎			-4052 Jun 15 j 20:56	0° ♎	
desc. node	-4055 Dec 26 j 01:26	17° ♎ 37'19		greatest brilliancy	-4052 Jun 20 j 13:36	1° ♎ 53'57	-4.8m
	-4054 Jan 05 j 01:24	0° ♊		retrograde	-4052 Jun 30 j 10:48	3° ♎ 38'38	
morning set	-4054 Jan 25 j 19:12	25° ♊ 36'46			-4052 Jul 14 j 05:15	30° ♎	
	-4054 Jan 29 j 08:36	0° ♊		evening set	-4052 Jul 17 j 00:08	28° ♎ 30'18	
	-4054 Feb 22 j 17:27	0° ♋		inferior conj	-4052 Jul 21 j 10:42	25° ♎ 52'39	-7°48'49
				minimum elong	-4052 Jul 21 j 01:49	26° ♎ 06'05	7°47'22
superior conj	-4054 Mar 05 j 03:35	12° ♋ 48'49	-1°18'32	min. Earth dist.	-4052 Jul 21 j 17:12	25° ♎ 42'47	0.27607 AU
minimum elong	-4054 Mar 05 j 09:28	13° ♋ 06'53	1°18'35	morning rise	-4052 Jul 25 j 03:17	23° ♎ 40'26	
max. Earth dist.	-4054 Mar 05 j 22:54	13° ♋ 48'07	1.73522 AU	direct	-4052 Aug 11 j 13:28	17° ♎ 58'53	
	-4054 Mar 19 j 03:25	0° ♋		greatest brilliancy	-4052 Aug 22 j 11:05	20° ♎ 11'26	-4.9m
evening rise	-4054 Apr 10 j 19:23	27° ♋ 48'39			-4052 Sep 07 j 23:50	0° ♎	
	-4054 Apr 12 j 14:15	0° ♌		morning max el	-4052 Oct 01 j 05:41	21° ♎ 08'26	46°49'45
asc. node	-4054 Apr 17 j 20:27	6° ♌ 26'46		asc. node	-4052 Oct 02 j 16:00	22° ♎ 36'25	
	-4054 May 07 j 01:52	0° ♍			-4052 Oct 09 j 16:35	0° ♏	
	-4054 May 31 j 14:33	0° ♍			-4052 Nov 05 j 06:56	0° ♏	
	-4054 Jun 25 j 05:16	0° ♎			-4052 Nov 30 j 12:48	0° ♏	
	-4054 Jul 20 j 00:06	0° ♎			-4052 Dec 25 j 08:18	0° ♐	
desc. node	-4054 Aug 07 j 16:08	22° ♎ 21'04			-4051 Jan 19 j 01:12	0° ♊	
	-4054 Aug 14 j 02:57	0° ♏		desc. node	-4051 Jan 22 j 13:27	4° ♊ 16'00	
	-4054 Sep 08 j 21:35	0° ♏			-4051 Feb 12 j 17:32	0° ♊	
	-4054 Oct 06 j 05:54	0° ♎			-4051 Mar 09 j 09:05	0° ♋	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4051 Apr 02 j 23:07	0° H				-4049 Aug 09 j 12:56	0° M	
morning set	-4051 Apr 05 j 12:44	3° H 08'18		greatest brilliancy	-4049 Sep 05 j 05:17	17° M 03'17	-4.9m	
	-4051 Apr 27 j 10:59	0° Y		retrograde	-4049 Sep 14 j 06:18	18° M 35'38		
max. Earth dist.	-4051 May 08 j 12:11	13° Y 34'35	1.73511 AU	evening set	-4049 Sep 30 j 08:39	13° M 35'40		
				inferior conj	-4049 Oct 04 j 20:35	10° M 55'01	-6°10'00	
superior conj	-4051 May 11 j 09:18	17° Y 07'12	-0°09'21	minimum elong	-4049 Oct 05 j 07:17	10° M 38'42	6°07'24	
minimum elong	-4051 May 11 j 11:07	17° Y 12'47	0°09'13	min. Earth dist.	-4049 Oct 05 j 01:34	10° M 47'25	0.26436 AU	
behind sun begin	-4051 May 10 j 17:01	16° Y 17'04		morning rise	-4049 Oct 10 j 05:49	7° M 44'42		
behind sun end	-4051 May 12 j 05:13	18° Y 08'30		direct	-4049 Oct 25 j 03:04	3° M 20'18		
asc. node	-4051 May 15 j 08:53	22° Y 01'25		asc. node	-4049 Oct 31 j 03:19	4° M 02'54		
	-4051 May 21 j 20:10	0° B		greatest brilliancy	-4049 Nov 04 j 12:20	5° M 23'23	-4.9m	
	-4051 Jun 15 j 02:35	0° II			-4049 Dec 08 j 00:52	0° B		
evening rise	-4051 Jun 15 j 23:54	1° II 06'03		morning max el	-4049 Dec 14 j 12:58	6° B 24'42	46°39'53	
	-4051 Jul 09 j 06:53	0° B			-4048 Jan 05 j 18:05	0° M		
	-4051 Aug 02 j 10:38	0° B			-4048 Feb 01 j 06:45	0° B		
	-4051 Aug 26 j 15:50	0° M			-4048 Feb 20 j 01:12	21° B 48'23		
desc. node	-4051 Sep 04 j 04:19	10° M 30'51		desc. node	-4048 Feb 27 j 00:54	0° B		
	-4051 Sep 20 j 00:44	0° B			-4048 Mar 23 j 09:16	0° B		
	-4051 Oct 14 j 16:19	0° M			-4048 Apr 17 j 10:21	0° H		
	-4051 Nov 08 j 20:57	0° B			-4048 May 12 j 04:48	0° Y		
	-4051 Dec 05 j 07:46	0° B			-4048 Jun 05 j 16:40	0° B		
evening max el	-4051 Dec 19 j 02:40	14° B 28'36	46°23'54	morning set	-4048 Jun 11 j 06:45	6° B 53'20		
asc. node	-4051 Dec 26 j 00:20	21° B 14'23		asc. node	-4048 Jun 11 j 21:13	7° B 38'00		
	-4050 Jan 04 j 18:04	0° B			-4048 Jun 29 j 22:19	0° II		
greatest brilliancy	-4050 Jan 27 j 03:27	14° B 28'51	-4.8m	max. Earth dist.	-4048 Jul 13 j 16:13	17° II 08'15	1.72002 AU	
retrograde	-4050 Feb 07 j 01:04	16° B 40'45						
evening set	-4050 Feb 24 j 17:36	10° B 37'19		superior conj	-4048 Jul 17 j 21:46	22° II 25'43	1°11'15	
inferior conj	-4050 Feb 28 j 10:17	8° B 17'12	7°58'59	minimum elong	-4048 Jul 17 j 13:33	22° II 00'03	1°11'13	
minimum elong	-4050 Feb 28 j 14:44	8° B 10'04	7°58'31		-4048 Jul 23 j 22:55	0° B		
min. Earth dist.	-4050 Feb 28 j 09:59	8° B 17'41	0.29265 AU		-4048 Aug 16 j 20:35	0° B		
morning rise	-4050 Mar 04 j 12:04	5° B 43'37		evening rise	-4048 Aug 24 j 18:25	9° B 56'22		
	-4050 Mar 19 j 14:23	30° B 3			-4048 Sep 09 j 17:44	0° M		
direct	-4050 Mar 22 j 01:26	29° B 52'52		desc. node	-4048 Oct 01 j 16:39	27° M 30'40		
	-4050 Mar 24 j 13:14	0° B			-4048 Oct 03 j 16:25	0° B		
greatest brilliancy	-4050 Mar 31 j 16:14	1° B 33'47	-4.7m		-4048 Oct 27 j 18:06	0° M		
desc. node	-4050 Apr 16 j 21:50	10° B 16'44			-4048 Nov 21 j 00:25	0° B		
morning max el	-4050 May 09 j 20:52	29° B 39'07	45°49'37		-4048 Dec 15 j 14:46	0° B		
	-4050 May 10 j 05:37	0° H			-4047 Jan 09 j 20:25	0° B		
	-4050 Jun 08 j 05:35	0° Y		asc. node	-4047 Jan 22 j 11:59	14° B 33'38		
	-4050 Jul 04 j 17:04	0° B			-4047 Feb 05 j 09:18	0° H		
	-4050 Jul 29 j 22:57	0° II		evening max el	-4047 Feb 27 j 21:13	23° H 10'21	45°13'12	
asc. node	-4050 Aug 07 j 19:03	10° II 44'40			-4047 Mar 07 j 05:29	0° Y		
	-4050 Aug 23 j 10:36	0° B		greatest brilliancy	-4047 Apr 06 j 12:23	20° Y 32'32	-4.7m	
	-4050 Sep 16 j 11:18	0° B		retrograde	-4047 Apr 17 j 04:03	22° Y 34'31		
	-4050 Oct 10 j 07:01	0° M		evening set	-4047 May 02 j 08:13	18° Y 11'21		
	-4050 Nov 03 j 02:20	0° B		inferior conj	-4047 May 08 j 14:15	14° Y 29'22	1°20'03	
morning set	-4050 Nov 07 j 19:13	5° B 55'00		minimum elong	-4047 May 08 j 17:09	14° Y 24'53	1°19'15	
	-4050 Nov 26 j 23:54	0° M		min. Earth dist.	-4047 May 09 j 07:13	14° Y 03'05	0.28866 AU	
desc. node	-4050 Nov 27 j 15:19	0° M 48'14		desc. node	-4047 May 14 j 09:25	11° Y 00'20		
				morning rise	-4047 May 15 j 01:21	10° Y 38'15		
superior conj	-4050 Dec 20 j 00:04	28° M 43'48	-0°48'46	direct	-4047 May 30 j 08:04	6° Y 09'51		
minimum elong	-4050 Dec 19 j 13:26	28° M 10'41	0°48'30	greatest brilliancy	-4047 Jun 10 j 11:19	8° Y 22'24	-4.7m	
	-4050 Dec 21 j 00:33	0° B			-4047 Jul 11 j 12:42	0° B		
max. Earth dist.	-4050 Dec 24 j 18:31	4° B 39'57	1.72044 AU	morning max el	-4047 Jul 18 j 20:34	6° B 56'36	46°16'17	
	-4049 Jan 14 j 04:15	0° B			-4047 Aug 09 j 21:28	0° II		
evening rise	-4049 Jan 29 j 04:01	18° B 32'12		asc. node	-4047 Sep 04 j 06:46	29° II 05'33		
	-4049 Feb 07 j 11:09	0° B			-4047 Sep 05 j 01:11	0° B		
greatest brilliancy	-4049 Feb 17 j 23:18	12° B 55'03	-3.9m		-4047 Sep 29 j 21:43	0° B		
	-4049 Mar 03 j 21:57	0° H			-4047 Oct 24 j 04:12	0° M		
asc. node	-4049 Mar 20 j 10:13	20° H 06'55			-4047 Nov 17 j 06:01	0° B		
	-4049 Mar 28 j 13:54	0° Y			-4047 Dec 11 j 08:15	0° M		
	-4049 Apr 22 j 12:31	0° B		desc. node	-4047 Dec 25 j 03:34	17° M 08'01		
	-4049 May 17 j 20:15	0° II			-4046 Jan 04 j 12:52	0° B		
	-4049 Jun 12 j 18:34	0° B		morning set	-4046 Jan 23 j 08:18	23° B 14'12		
	-4049 Jul 09 j 21:51	0° B			-4046 Jan 28 j 19:52	0° B		
desc. node	-4049 Jul 10 j 06:20	0° B 22'33			-4046 Feb 22 j 04:34	0° B		
evening max el	-4049 Jul 26 j 01:43	16° B 35'53	46°54'24					

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4046 Mar 02 j 20:19	10° \approx 38'42	-1°19'35	min. Earth dist.	-4044 Jul 19 j 06:48	23° Π 22'04	0.27648 AU
minimum elong	-4046 Mar 03 j 01:40	10° \approx 55'09	1°19'39	morning rise	-4044 Jul 22 j 19:51	21° Π 15'04	
max. Earth dist.	-4046 Mar 03 j 18:26	11° \approx 46'40	1.73494 AU	direct	-4044 Aug 09 j 03:47	15° Π 37'39	
	-4046 Mar 18 j 14:28	0° X		greatest brilliancy	-4044 Aug 20 j 01:17	17° Π 49'32	-4.9m
evening rise	-4046 Apr 08 j 14:02	25° X 44'42			-4044 Sep 08 j 14:35	0° E	
	-4046 Apr 12 j 01:21	0° Υ		morning max el	-4044 Sep 28 j 18:40	18° E 41'37	46°49'17
asc. node	-4046 Apr 16 j 22:38	5° Υ 59'19		asc. node	-4044 Oct 01 j 18:11	21° E 45'48	
	-4046 May 06 j 13:10	0° B			-4044 Oct 09 j 12:09	0° Ω	
	-4046 May 31 j 02:12	0° Π			-4044 Nov 04 j 22:17	0° M	
	-4046 Jun 24 j 17:26	0° E			-4044 Nov 30 j 02:22	0° E	
	-4046 Jul 19 j 13:02	0° Ω			-4044 Dec 24 j 20:52	0° M	
desc. node	-4046 Aug 06 j 18:11	21° Ω 46'20			-4043 Jan 18 j 13:08	0° X	
	-4046 Aug 13 j 17:06	0° M		desc. node	-4043 Jan 21 j 15:28	3° X 46'04	
	-4046 Sep 08 j 14:00	0° E			-4043 Feb 12 j 05:00	0° Z	
	-4046 Oct 06 j 03:55	0° M			-4043 Mar 08 j 20:14	0° \approx	
evening max el	-4046 Oct 06 j 18:29	0° M 37'11	47°34'31		-4043 Apr 02 j 10:03	0° X	
	-4046 Nov 10 j 22:20	0° X		morning set	-4043 Apr 03 j 07:15	1° X 04'46	
greatest brilliancy	-4046 Nov 16 j 09:31	2° X 33'35	-4.9m		-4043 Apr 26 j 21:48	0° Υ	
retrograde	-4046 Nov 26 j 23:13	4° X 43'17		max. Earth dist.	-4043 May 06 j 08:20	11° Υ 35'44	1.73540 AU
asc. node	-4046 Nov 27 j 14:53	4° X 42'44					
evening set	-4046 Dec 12 j 00:22	0° X 06'19		superior conj	-4043 May 09 j 04:17	15° Υ 04'39	-0°12'22
	-4046 Dec 12 j 04:49	30° R M		minimum elong	-4043 May 09 j 06:40	15° Υ 12'00	0°12'12
min. Earth dist.	-4046 Dec 16 j 17:31	27° M 15'11	0.27411 AU	behind sun begin	-4043 May 08 j 16:31	14° Υ 28'27	
inferior conj	-4046 Dec 17 j 19:44	26° M 33'54	4°44'40	behind sun end	-4043 May 09 j 20:50	15° Υ 55'33	
minimum elong	-4046 Dec 17 j 11:06	26° M 47'31	4°42'19	asc. node	-4043 May 14 j 11:04	21° Υ 34'50	
morning rise	-4046 Dec 22 j 22:40	23° M 26'47			-4043 May 21 j 07:00	0° B	
direct	-4045 Jan 07 j 09:58	18° M 40'34		evening rise	-4043 Jun 13 j 18:39	29° B 01'31	
greatest brilliancy	-4045 Jan 16 j 06:33	20° M 09'34	-4.8m		-4043 Jun 14 j 13:32	0° Π	
	-4045 Feb 03 j 04:35	0° X			-4043 Jul 08 j 18:05	0° E	
morning max el	-4045 Feb 25 j 13:14	19° X 17'31	46°02'55		-4043 Aug 01 j 22:08	0° Ω	
	-4045 Mar 08 j 07:52	0° Z			-4043 Aug 26 j 03:45	0° M	
desc. node	-4045 Mar 19 j 12:46	11° Z 42'58		desc. node	-4043 Sep 03 j 06:25	10° M 00'08	
	-4045 Apr 05 j 07:12	0° \approx			-4043 Sep 19 j 13:11	0° E	
	-4045 May 01 j 16:31	0° X			-4043 Oct 14 j 05:32	0° M	
	-4045 May 27 j 05:19	0° Υ			-4043 Nov 08 j 11:31	0° X	
	-4045 Jun 21 j 03:34	0° B			-4043 Dec 05 j 01:38	0° Z	
asc. node	-4045 Jul 10 j 09:12	23° B 33'41		evening max el	-4043 Dec 16 j 17:30	12° Z 11'29	46°26'59
	-4045 Jul 15 j 14:15	0° Π		asc. node	-4043 Dec 25 j 02:22	20° Z 21'22	
	-4045 Aug 08 j 16:05	0° E			-4042 Jan 05 j 02:05	0° \approx	
morning set	-4045 Aug 21 j 10:08	16° E 01'18		greatest brilliancy	-4042 Jan 24 j 21:25	12° \approx 21'14	-4.8m
	-4045 Sep 01 j 12:19	0° Ω		retrograde	-4042 Feb 04 j 17:51	14° \approx 32'30	
	-4045 Sep 25 j 06:27	0° M		evening set	-4042 Feb 22 j 11:51	8° \approx 27'28	
				inferior conj	-4042 Feb 26 j 03:26	6° \approx 08'55	8°03'45
superior conj	-4045 Sep 30 j 01:22	6° M 02'42	1°02'40	minimum elong	-4042 Feb 26 j 07:17	6° \approx 02'45	8°03'22
minimum elong	-4045 Sep 30 j 12:38	6° M 38'16	1°02'22	min. Earth dist.	-4042 Feb 26 j 02:11	6° \approx 10'56	0.29241 AU
max. Earth dist.	-4045 Oct 02 j 02:31	8° M 37'47	1.70860 AU	morning rise	-4042 Mar 02 j 02:52	3° \approx 38'36	
	-4045 Oct 19 j 01:23	0° E			-4042 Mar 09 j 01:55	30° R Z	
desc. node	-4045 Oct 30 j 05:09	14° E 01'32		direct	-4042 Mar 19 j 17:39	27° Z 45'04	
evening rise	-4045 Nov 11 j 12:04	29° E 26'17		greatest brilliancy	-4042 Mar 29 j 07:39	29° Z 24'54	-4.7m
	-4045 Nov 11 j 22:50	0° M			-4042 Mar 30 j 22:54	0° \approx	
	-4045 Dec 05 j 23:35	0° X		desc. node	-4042 Apr 16 j 00:06	9° \approx 09'02	
	-4045 Dec 30 j 04:26	0° Z		morning max el	-4042 May 07 j 12:03	27° \approx 27'54	45°49'17
	-4044 Jan 23 j 15:19	0° \approx			-4042 May 10 j 03:19	0° X	
	-4044 Feb 17 j 11:48	0° X			-4042 Jun 07 j 21:04	0° Υ	
asc. node	-4044 Feb 20 j 00:03	2° X 59'34			-4042 Jul 04 j 06:20	0° B	
	-4044 Mar 13 j 23:44	0° Υ			-4042 Jul 29 j 11:10	0° Π	
	-4044 Apr 09 j 13:42	0° B		asc. node	-4042 Aug 06 j 21:10	10° Π 14'29	
	-4044 May 08 j 11:14	0° Π			-4042 Aug 22 j 22:18	0° E	
evening max el	-4044 May 10 j 04:34	1° Π 39'01	45°26'29		-4042 Sep 15 j 22:44	0° Ω	
desc. node	-4044 Jun 10 j 20:56	26° Π 24'01			-4042 Oct 09 j 18:19	0° M	
greatest brilliancy	-4044 Jun 18 j 01:56	29° Π 33'27	-4.8m		-4042 Nov 02 j 13:32	0° E	
	-4044 Jun 19 j 11:21	0° E		morning set	-4042 Nov 05 j 04:56	3° E 19'27	
retrograde	-4044 Jun 27 j 23:33	1° E 18'14			-4042 Nov 26 j 11:00	0° M	
	-4044 Jul 06 j 03:51	30° R Π		desc. node	-4042 Nov 26 j 17:24	0° M 20'02	
evening set	-4044 Jul 14 j 09:42	26° Π 15'34					
inferior conj	-4044 Jul 19 j 00:12	23° Π 32'05	-7°37'31	superior conj	-4042 Dec 17 j 10:45	26° M 13'22	-0°45'37
minimum elong	-4044 Jul 18 j 14:54	23° Π 46'12	7°35'54	minimum elong	-4042 Dec 17 j 00:26	25° M 41'16	0°45'21

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4042 Dec 20 j 11:31	0°♊		morning max el	-4039 Jul 16 j 13:40	4°♊47'31	46°14'52
max. Earth dist.	-4042 Dec 22 j 06:43	2°♊14'28	1.71978 AU		-4039 Aug 09 j 13:52	0°♊	
	-4041 Jan 13 j 15:08	0°♊		asc. node	-4039 Sep 03 j 08:58	28°♊30'56	
evening rise	-4041 Jan 26 j 18:14	16°♊14'17			-4039 Sep 04 j 15:00	0°♊	
	-4041 Feb 06 j 22:02	0°♊			-4039 Sep 29 j 10:24	0°♊	
	-4041 Mar 03 j 08:58	0°♊			-4039 Oct 23 j 16:14	0°♊	
asc. node	-4041 Mar 19 j 12:26	19°♊39'41			-4039 Nov 16 j 17:39	0°♊	
	-4041 Mar 28 j 01:14	0°♊			-4039 Dec 10 j 19:36	0°♊	
	-4041 Apr 22 j 00:26	0°♊		desc. node	-4039 Dec 24 j 05:32	16°♊39'18	
	-4041 May 17 j 09:14	0°♊			-4038 Jan 04 j 00:00	0°♊	
	-4041 Jun 12 j 09:27	0°♊		morning set	-4038 Jan 20 j 21:19	20°♊52'21	
desc. node	-4041 Jul 09 j 08:24	29°♊37'33			-4038 Jan 28 j 06:48	0°♊	
	-4041 Jul 09 j 16:55	0°♊			-4038 Feb 21 j 15:21	0°♊	
evening max el	-4041 Jul 23 j 13:18	14°♊07'59	46°51'23				
	-4041 Aug 09 j 23:21	0°♊		superior conj	-4038 Feb 28 j 13:05	8°♊29'41	-1°20'31
greatest brilliancy	-4041 Sep 02 j 18:09	14°♊34'12	-4.9m	minimum elong	-4038 Feb 28 j 17:53	8°♊44'25	1°20'36
retrograde	-4041 Sep 11 j 17:49	16°♊05'41		max. Earth dist.	-4038 Mar 01 j 15:15	9°♊50'06	1.73461 AU
evening set	-4041 Sep 27 j 23:55	11°♊00'48			-4038 Mar 18 j 01:10	0°♊	
inferior conj	-4041 Oct 02 j 08:33	8°♊25'18	-6°27'33	evening rise	-4038 Apr 06 j 08:52	23°♊42'31	
minimum elong	-4041 Oct 02 j 19:20	8°♊08'54	6°25'01		-4038 Apr 11 j 12:03	0°♊	
min. Earth dist.	-4041 Oct 02 j 14:43	8°♊15'56	0.26459 AU	asc. node	-4038 Apr 16 j 00:49	5°♊33'08	
morning rise	-4041 Oct 07 j 14:34	5°♊19'37			-4038 May 06 j 00:04	0°♊	
direct	-4041 Oct 22 j 14:54	0°♊49'58			-4038 May 30 j 13:29	0°♊	
asc. node	-4041 Oct 30 j 05:33	1°♊57'33			-4038 Jun 24 j 05:18	0°♊	
greatest brilliancy	-4041 Nov 02 j 02:16	2°♊55'03	-4.9m		-4038 Jul 19 j 01:46	0°♊	
	-4041 Dec 08 j 02:23	0°♊		desc. node	-4038 Aug 05 j 20:19	21°♊12'18	
morning max el	-4041 Dec 12 j 02:28	3°♊59'17	46°41'12		-4038 Aug 13 j 07:09	0°♊	
	-4040 Jan 05 j 11:13	0°♊			-4038 Sep 08 j 06:29	0°♊	
	-4040 Jan 31 j 20:53	0°♊		evening max el	-4038 Oct 04 j 10:45	28°♊19'06	47°35'11
desc. node	-4040 Feb 19 j 03:21	21°♊16'39			-4038 Oct 06 j 02:34	0°♊	
	-4040 Feb 26 j 13:31	0°♊			-4038 Nov 13 j 13:36	0°♊	
	-4040 Mar 22 j 21:00	0°♊		greatest brilliancy	-4038 Nov 14 j 00:44	0°♊10'59	-4.9m
	-4040 Apr 16 j 21:34	0°♊		retrograde	-4038 Nov 24 j 14:34	2°♊20'10	
	-4040 May 11 j 15:43	0°♊		asc. node	-4038 Nov 26 j 16:53	2°♊14'37	
	-4040 Jun 05 j 03:27	0°♊			-4038 Dec 05 j 03:07	30°♊	
morning set	-4040 Jun 09 j 01:01	4°♊48'23		evening set	-4038 Dec 09 j 12:52	27°♊46'42	
asc. node	-4040 Jun 10 j 23:14	7°♊10'59		min. Earth dist.	-4038 Dec 14 j 07:43	24°♊53'08	0.27334 AU
	-4040 Jun 29 j 09:04	0°♊		inferior conj	-4038 Dec 15 j 09:58	24°♊11'49	4°26'24
max. Earth dist.	-4040 Jul 11 j 09:22	14°♊58'15	1.72064 AU	minimum elong	-4038 Dec 15 j 01:39	24°♊24'54	4°24'05
				morning rise	-4038 Dec 20 j 15:22	21°♊01'34	
superior conj	-4040 Jul 15 j 14:23	20°♊13'50	1°09'27	direct	-4037 Jan 05 j 00:02	16°♊19'58	
minimum elong	-4040 Jul 15 j 05:56	19°♊47'25	1°09'23	greatest brilliancy	-4037 Jan 13 j 20:03	17°♊48'49	-4.8m
	-4040 Jul 23 j 09:44	0°♊			-4037 Feb 03 j 20:10	0°♊	
	-4040 Aug 16 j 07:32	0°♊		morning max el	-4037 Feb 23 j 04:16	17°♊02'52	46°04'00
evening rise	-4040 Aug 22 j 07:25	7°♊31'56			-4037 Mar 08 j 03:02	0°♊	
	-4040 Sep 09 j 04:52	0°♊		desc. node	-4037 Mar 18 j 14:55	11°♊03'28	
desc. node	-4040 Sep 30 j 18:51	27°♊02'12			-4037 Apr 04 j 21:54	0°♊	
	-4040 Oct 03 j 03:45	0°♊			-4037 May 01 j 05:19	0°♊	
	-4040 Oct 27 j 05:41	0°♊			-4037 May 26 j 17:08	0°♊	
	-4040 Nov 20 j 12:20	0°♊			-4037 Jun 20 j 14:52	0°♊	
	-4040 Dec 15 j 03:16	0°♊		asc. node	-4037 Jul 09 j 11:23	23°♊06'08	
	-4039 Jan 09 j 10:03	0°♊			-4037 Jul 15 j 01:19	0°♊	
asc. node	-4039 Jan 21 j 14:08	13°♊58'29			-4037 Aug 08 j 03:04	0°♊	
	-4039 Feb 05 j 01:39	0°♊		morning set	-4037 Aug 18 j 23:54	13°♊39'05	
evening max el	-4039 Feb 25 j 13:21	21°♊01'28	45°14'37		-4037 Aug 31 j 23:19	0°♊	
	-4039 Mar 07 j 07:41	0°♊			-4037 Sep 24 j 17:30	0°♊	
greatest brilliancy	-4039 Apr 04 j 03:37	18°♊24'29	-4.7m				
retrograde	-4039 Apr 14 j 20:52	20°♊27'36		superior conj	-4037 Sep 27 j 11:47	3°♊29'09	1°05'12
evening set	-4039 Apr 30 j 02:00	16°♊01'58		minimum elong	-4037 Sep 27 j 22:49	4°♊03'57	1°04'56
inferior conj	-4039 May 06 j 06:38	12°♊21'28	1°39'08	max. Earth dist.	-4037 Sep 29 j 05:15	5°♊40'01	1.70860 AU
minimum elong	-4039 May 06 j 10:11	12°♊15'57	1°38'09		-4037 Oct 18 j 12:30	0°♊	
min. Earth dist.	-4039 May 06 j 23:27	11°♊55'23	0.28906 AU	desc. node	-4037 Oct 29 j 07:12	13°♊32'58	
morning rise	-4039 May 12 j 17:46	8°♊30'21		evening rise	-4037 Nov 08 j 20:28	26°♊47'15	
desc. node	-4039 May 13 j 11:28	8°♊06'34			-4037 Nov 11 j 10:01	0°♊	
direct	-4039 May 28 j 01:06	4°♊01'16			-4037 Dec 05 j 10:50	0°♊	
greatest brilliancy	-4039 Jun 08 j 03:11	6°♊13'09	-4.7m		-4037 Dec 29 j 15:48	0°♊	
	-4039 Jul 11 j 13:26	0°♊			-4036 Jan 23 j 02:56	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4036 Feb 16 j 23:59	0° H			-4034 Jul 28 j 23:26	0° II	
asc. node	-4036 Feb 19 j 02:16	2° H 29'42		asc. node	-4034 Aug 05 j 23:23	9° II 44'22	
	-4036 Mar 13 j 13:04	0° Y			-4034 Aug 22 j 10:02	0° E	
	-4036 Apr 09 j 05:32	0° B			-4034 Sep 15 j 10:12	0° O	
evening max el	-4036 May 07 j 18:55	29° B 23'43	45°24'33		-4034 Oct 09 j 05:40	0° M	
	-4036 May 08 j 10:12	0° II			-4034 Nov 02 j 00:50	0° A	
desc. node	-4036 Jun 09 j 22:57	24° II 52'50		morning set	-4034 Nov 02 j 14:49	0° A 44'00	
greatest brilliancy	-4036 Jun 15 j 14:50	27° II 15'11	-4.8m	desc. node	-4034 Nov 25 j 19:25	29° A 51'11	
retrograde	-4036 Jun 25 j 12:18	29° II 00'05			-4034 Nov 25 j 22:14	0° M	
evening set	-4036 Jul 11 j 19:42	24° II 02'42					
inferior conj	-4036 Jul 16 j 14:07	21° II 13'40	-7°25'28	superior conj	-4034 Dec 14 j 20:58	23° M 40'46	-0°42'20
minimum elong	-4036 Jul 16 j 04:28	21° II 28'20	7°23'43	minimum elong	-4034 Dec 14 j 11:06	23° M 10'00	0°42'04
min. Earth dist.	-4036 Jul 16 j 21:01	21° II 03'11	0.27691 AU	max. Earth dist.	-4034 Dec 19 j 15:13	29° M 36'41	1.71922 AU
morning rise	-4036 Jul 20 j 12:53	18° II 51'51			-4034 Dec 19 j 22:43	0° A	
direct	-4036 Aug 06 j 18:01	13° II 18'22			-4033 Jan 13 j 02:18	0° Z	
greatest brilliancy	-4036 Aug 17 j 16:27	15° II 30'21	-4.9m	evening rise	-4033 Jan 24 j 07:47	13° Z 53'25	
	-4036 Sep 09 j 01:12	0° E			-4033 Feb 06 j 09:13	0° \approx	
morning max el	-4036 Sep 26 j 07:20	16° E 14'35	46°48'29		-4033 Mar 02 j 20:17	0° H	
asc. node	-4036 Sep 30 j 20:23	20° E 56'32		asc. node	-4033 Mar 18 j 14:32	19° H 11'15	
	-4036 Oct 09 j 07:04	0° O			-4033 Mar 27 j 12:52	0° Y	
	-4036 Nov 04 j 13:27	0° M			-4033 Apr 21 j 12:41	0° B	
	-4036 Nov 29 j 15:53	0° A			-4033 May 16 j 22:34	0° II	
	-4036 Dec 24 j 09:27	0° M			-4033 Jun 12 j 00:49	0° E	
	-4035 Jan 18 j 01:04	0° A		desc. node	-4033 Jul 08 j 10:38	28° E 51'43	
desc. node	-4035 Jan 20 j 17:41	3° A 16'41			-4033 Jul 09 j 12:45	0° O	
	-4035 Feb 11 j 16:28	0° Z		evening max el	-4033 Jul 21 j 01:51	11° O 42'16	46°48'32
	-4035 Mar 08 j 07:21	0° \approx			-4033 Aug 10 j 13:21	0° M	
morning set	-4035 Apr 01 j 01:33	29° \approx 00'38		greatest brilliancy	-4033 Aug 31 j 06:26	12° M 04'40	-4.9m
	-4035 Apr 01 j 20:58	0° H		retrograde	-4033 Sep 09 j 06:02	13° M 36'07	
	-4035 Apr 26 j 08:38	0° Y		evening set	-4033 Sep 25 j 15:21	8° M 26'08	
max. Earth dist.	-4035 May 04 j 04:05	9° Y 35'45	1.73565 AU	inferior conj	-4033 Sep 29 j 20:39	5° M 55'45	-6°44'04
				minimum elong	-4033 Sep 30 j 07:26	5° M 39'24	6°41'40
superior conj	-4035 May 06 j 23:22	13° Y 02'34	-0°15'21	min. Earth dist.	-4033 Sep 30 j 03:31	5° M 45'20	0.26484 AU
minimum elong	-4035 May 07 j 02:20	13° Y 11'39	0°15'11	morning rise	-4033 Oct 04 j 23:19	2° M 55'07	
behind sun begin	-4035 May 06 j 20:12	12° Y 52'48			-4033 Oct 11 j 04:34	30° R 0	
behind sun end	-4035 May 07 j 08:28	13° Y 30'30		direct	-4033 Oct 20 j 03:27	28° O 19'56	
asc. node	-4035 May 13 j 13:06	21° Y 07'48		asc. node	-4033 Oct 29 j 07:33	29° O 57'15	
	-4035 May 20 j 17:50	0° B			-4033 Oct 29 j 10:46	0° M	
evening rise	-4035 Jun 11 j 13:44	26° B 58'15		greatest brilliancy	-4033 Oct 30 j 15:45	0° M 26'22	-4.9m
	-4035 Jun 14 j 00:28	0° II			-4033 Dec 08 j 02:48	0° A	
	-4035 Jul 08 j 05:12	0° E		morning max el	-4033 Dec 09 j 16:47	1° A 35'31	46°42'10
	-4035 Aug 01 j 09:35	0° O			-4032 Jan 05 j 04:16	0° M	
	-4035 Aug 25 j 15:39	0° M			-4032 Jan 31 j 11:13	0° A	
desc. node	-4035 Sep 02 j 08:36	9° M 29'45		desc. node	-4032 Feb 18 j 05:30	20° A 43'55	
	-4035 Sep 19 j 01:41	0° A			-4032 Feb 26 j 02:28	0° Z	
	-4035 Oct 13 j 18:55	0° M			-4032 Mar 22 j 09:07	0° \approx	
	-4035 Nov 08 j 02:28	0° A			-4032 Apr 16 j 09:09	0° H	
	-4035 Dec 04 j 20:15	0° Z			-4032 May 11 j 02:58	0° Y	
evening max el	-4035 Dec 14 j 07:48	9° Z 51'54	46°30'05		-4032 Jun 04 j 14:32	0° B	
asc. node	-4035 Dec 24 j 04:33	19° Z 26'37		morning set	-4032 Jun 06 j 19:04	2° B 41'51	
	-4034 Jan 05 j 13:40	0° \approx		asc. node	-4032 Jun 10 j 01:21	6° B 43'20	
greatest brilliancy	-4034 Jan 22 j 14:48	10° \approx 11'24	-4.8m		-4032 Jun 28 j 20:07	0° II	
retrograde	-4034 Feb 02 j 10:28	12° \approx 22'43		max. Earth dist.	-4032 Jul 09 j 01:21	12° II 43'43	1.72123 AU
evening set	-4034 Feb 20 j 05:33	6° \approx 16'09					
inferior conj	-4034 Feb 23 j 20:17	3° \approx 59'01	8°07'50	superior conj	-4032 Jul 13 j 06:57	18° II 00'53	1°07'31
minimum elong	-4034 Feb 23 j 23:28	3° \approx 53'53	8°07'32	minimum elong	-4032 Jul 12 j 22:19	17° II 33'55	1°07'27
min. Earth dist.	-4034 Feb 23 j 18:08	4° \approx 02'28	0.29212 AU		-4032 Jul 22 j 20:52	0° E	
morning rise	-4034 Feb 27 j 17:32	1° \approx 31'55			-4032 Aug 15 j 18:49	0° O	
	-4034 Mar 02 j 08:26	30° R 3		evening rise	-4032 Aug 19 j 20:39	5° O 07'14	
direct	-4034 Mar 17 j 09:18	25° Z 35'32			-4032 Sep 08 j 16:18	0° M	
greatest brilliancy	-4034 Mar 26 j 23:06	27° Z 14'56	-4.7m	desc. node	-4032 Sep 29 j 20:52	26° M 32'21	
	-4034 Apr 02 j 11:05	0° \approx			-4032 Oct 02 j 15:21	0° A	
desc. node	-4034 Apr 15 j 02:12	8° \approx 01'57			-4032 Oct 26 j 17:30	0° M	
morning max el	-4034 May 05 j 03:28	25° \approx 16'33	45°49'10		-4032 Nov 20 j 00:31	0° A	
	-4034 May 10 j 00:30	0° H			-4032 Dec 14 j 16:04	0° Z	
	-4034 Jun 07 j 12:28	0° Y			-4031 Jan 09 j 00:08	0° \approx	
	-4034 Jul 03 j 19:36	0° B		asc. node	-4031 Jan 20 j 16:19	13° \approx 21'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4031 Feb 04 j 18:45	0°♄				-4029 Sep 24 j 04:49	0°♍	
evening max el	-4031 Feb 23 j 05:56	18°♄52'11	45°15'54					
	-4031 Mar 07 j 12:15	0°♍		superior conj	-4029 Sep 24 j 22:17	0°♍55'07	1°07'34	
greatest brilliancy	-4031 Apr 01 j 19:11	16°♍14'58	-4.7m	minimum elong	-4029 Sep 25 j 09:00	1°♍28'57	1°07'22	
retrograde	-4031 Apr 12 j 13:12	18°♍18'27		max. Earth dist.	-4029 Sep 26 j 05:22	2°♍33'12	1.70863 AU	
evening set	-4031 Apr 27 j 19:44	13°♍50'32			-4029 Oct 17 j 23:53	0°♎		
inferior conj	-4031 May 03 j 22:48	10°♍11'33	1°58'04	desc. node	-4029 Oct 28 j 09:13	13°♎03'31		
minimum elong	-4031 May 04 j 02:59	10°♍05'03	1°56'56	evening rise	-4029 Nov 06 j 04:51	24°♎07'15		
min. Earth dist.	-4031 May 04 j 15:26	9°♍45'43	0.28943 AU		-4029 Nov 10 j 21:28	0°♏		
morning rise	-4031 May 10 j 09:45	6°♍20'31			-4029 Dec 04 j 22:19	0°♐		
desc. node	-4031 May 12 j 13:31	5°♍13'20			-4029 Dec 29 j 03:23	0°♑		
direct	-4031 May 25 j 18:07	1°♍50'53			-4028 Jan 22 j 14:46	0°♒		
greatest brilliancy	-4031 Jun 05 j 18:25	4°♍01'26	-4.7m		-4028 Feb 16 j 12:24	0°♓		
	-4031 Jul 11 j 13:35	0°♔		asc. node	-4028 Feb 18 j 04:22	1°♓58'51		
morning max el	-4031 Jul 14 j 05:54	2°♔35'10	46°13'28		-4028 Mar 13 j 02:42	0°♕		
	-4031 Aug 09 j 06:24	0°♖			-4028 Apr 08 j 21:55	0°♔		
asc. node	-4031 Sep 02 j 11:04	27°♖55'11		evening max el	-4028 May 05 j 08:25	27°♔05'29	45°22'28	
	-4031 Sep 04 j 05:04	0°♗			-4028 May 08 j 10:40	0°♖		
	-4031 Sep 28 j 23:19	0°♘		desc. node	-4028 Jun 09 j 01:13	23°♖17'14		
	-4031 Oct 23 j 04:32	0°♙		greatest brilliancy	-4028 Jun 13 j 03:32	24°♖55'22	-4.8m	
	-4031 Nov 16 j 05:32	0°♚		retrograde	-4028 Jun 23 j 01:07	26°♖40'47		
	-4031 Dec 10 j 07:12	0°♛		evening set	-4028 Jul 09 j 05:33	21°♖48'14		
desc. node	-4031 Dec 23 j 07:44	16°♛10'35		inferior conj	-4028 Jul 14 j 03:53	18°♖53'57	-7°12'36	
	-4030 Jan 03 j 11:22	0°♜		minimum elong	-4028 Jul 13 j 17:55	19°♖09'05	7°10'42	
morning set	-4030 Jan 18 j 10:26	18°♜30'01		min. Earth dist.	-4028 Jul 14 j 11:15	18°♖42'44	0.27736 AU	
	-4030 Jan 27 j 18:00	0°♝		morning rise	-4028 Jul 18 j 05:52	16°♖27'21		
	-4030 Feb 21 j 02:26	0°♞		direct	-4028 Aug 04 j 07:51	10°♖57'33		
				greatest brilliancy	-4028 Aug 15 j 08:04	13°♖10'38	-4.9m	
superior conj	-4030 Feb 26 j 05:40	6°♞19'02	-1°21'20		-4028 Sep 09 j 09:28	0°♗		
minimum elong	-4030 Feb 26 j 09:51	6°♞31'56	1°21'26	morning max el	-4028 Sep 23 j 20:03	13°♗46'53	46°47'52	
max. Earth dist.	-4030 Feb 27 j 13:10	7°♞55'54	1.73432 AU	asc. node	-4028 Sep 29 j 22:28	20°♗06'52		
	-4030 Mar 17 j 12:12	0°♈			-4028 Oct 09 j 01:47	0°♘		
evening rise	-4030 Apr 04 j 03:19	21°♈37'55			-4028 Nov 04 j 04:37	0°♙		
	-4030 Apr 10 j 23:10	0°♉			-4028 Nov 29 j 05:28	0°♚		
asc. node	-4030 Apr 15 j 02:48	5°♉05'04			-4028 Dec 23 j 22:07	0°♛		
	-4030 May 05 j 11:24	0°♊			-4027 Jan 17 j 13:06	0°♜		
	-4030 May 30 j 01:12	0°♋		desc. node	-4027 Jan 19 j 19:45	2°♜46'30		
	-4030 Jun 23 j 17:36	0°♌			-4027 Feb 11 j 04:01	0°♝		
	-4030 Jul 18 j 14:57	0°♍			-4027 Mar 07 j 18:34	0°♞		
desc. node	-4030 Aug 04 j 22:27	20°♍37'00		morning set	-4027 Mar 29 j 20:00	26°♞56'41		
	-4030 Aug 12 j 21:43	0°♎			-4027 Apr 01 j 07:57	0°♈		
	-4030 Sep 07 j 23:39	0°♏			-4027 Apr 25 j 19:32	0°♉		
evening max el	-4030 Oct 02 j 02:46	25°♏59'12	47°35'41	max. Earth dist.	-4027 May 02 j 01:29	7°♉40'31	1.73595 AU	
	-4030 Oct 06 j 02:37	0°♐						
greatest brilliancy	-4030 Nov 11 j 16:32	27°♐48'03	-4.9m	superior conj	-4027 May 04 j 18:37	11°♉00'40	-0°18'18	
retrograde	-4030 Nov 22 j 05:29	29°♐55'50		minimum elong	-4027 May 04 j 22:07	11°♉11'27	0°18'07	
asc. node	-4030 Nov 25 j 19:06	29°♐39'45		asc. node	-4027 May 12 j 15:15	20°♉40'52		
evening set	-4030 Dec 07 j 01:33	25°♐25'56			-4027 May 20 j 04:46	0°♊		
min. Earth dist.	-4030 Dec 11 j 22:16	22°♐29'39	0.27255 AU	evening rise	-4027 Jun 09 j 08:55	24°♊54'53		
inferior conj	-4030 Dec 13 j 00:09	21°♐48'52	4°07'37		-4027 Jun 13 j 11:34	0°♋		
minimum elong	-4030 Dec 12 j 16:14	22°♐01'20	4°05'20		-4027 Jul 07 j 16:33	0°♌		
morning rise	-4030 Dec 18 j 07:55	18°♐35'23			-4027 Jul 31 j 21:16	0°♍		
direct	-4029 Jan 02 j 13:50	13°♐58'36			-4027 Aug 25 j 03:47	0°♎		
greatest brilliancy	-4029 Jan 11 j 09:56	15°♐27'33	-4.8m	desc. node	-4027 Sep 01 j 10:37	8°♎58'10		
	-4029 Feb 04 j 08:04	0°♏			-4027 Sep 18 j 14:25	0°♏		
morning max el	-4029 Feb 20 j 18:16	14°♏45'02	46°05'02		-4027 Oct 13 j 08:31	0°♐		
	-4029 Mar 07 j 21:54	0°♑			-4027 Nov 07 j 17:40	0°♑		
desc. node	-4029 Mar 17 j 17:00	10°♑23'35			-4027 Dec 04 j 15:24	0°♒		
	-4029 Apr 04 j 12:42	0°♒		evening max el	-4027 Dec 11 j 22:24	7°♒32'56	46°33'19	
	-4029 Apr 30 j 18:22	0°♓		asc. node	-4027 Dec 23 j 06:46	18°♒30'41		
	-4029 May 26 j 05:16	0°♔			-4026 Jan 06 j 05:12	0°♓		
	-4029 Jun 20 j 02:32	0°♕		greatest brilliancy	-4026 Jan 20 j 07:43	8°♓00'57	-4.8m	
asc. node	-4029 Jul 08 j 13:35	22°♕37'36		retrograde	-4026 Jan 31 j 03:38	10°♓13'10		
	-4029 Jul 14 j 12:44	0°♖		evening set	-4026 Feb 17 j 23:07	4°♓05'14		
	-4029 Aug 07 j 14:22	0°♗		inferior conj	-4026 Feb 21 j 13:13	1°♓49'14	8°11'17	
morning set	-4029 Aug 16 j 13:33	11°♗15'33		minimum elong	-4026 Feb 21 j 15:45	1°♓45'10	8°11'02	
	-4029 Aug 31 j 10:36	0°♘		min. Earth dist.	-4026 Feb 21 j 09:55	1°♓54'32	0.29179 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4026 Feb 24 j 10:00	30° $\text{R}\overline{\text{Z}}$				-4024 Aug 15 j 05:52	0° Ω	
morning rise	-4026 Feb 25 j 08:31	29° $\overline{\text{Z}}25'15$		evening rise		-4024 Aug 17 j 10:20	2° $\Omega44'44$	
direct	-4026 Mar 15 j 01:03	23° $\overline{\text{Z}}26'10$				-4024 Sep 08 j 03:33	0° M	
greatest brilliancy	-4026 Mar 24 j 14:27	25° $\overline{\text{Z}}05'15$	-4.7m	desc. node		-4024 Sep 28 j 22:57	26° $\text{M}03'04$	
	-4026 Apr 04 j 00:54	0° \approx				-4024 Oct 02 j 02:50	0° $\underline{\Omega}$	
desc. node	-4026 Apr 14 j 04:13	6° $\approx56'44$				-4024 Oct 26 j 05:15	0° M	
morning max el	-4026 May 02 j 19:44	23° $\approx07'39$	45°49'06			-4024 Nov 19 j 12:38	0° Z	
	-4026 May 09 j 20:51	0° H				-4024 Dec 14 j 04:49	0° $\overline{\text{Z}}$	
	-4026 Jun 07 j 03:35	0° Y				-4023 Jan 08 j 14:09	0° \approx	
	-4026 Jul 03 j 08:46	0° B		asc. node		-4023 Jan 19 j 18:23	12° $\approx45'30$	
	-4026 Jul 28 j 11:40	0° II				-4023 Feb 04 j 11:57	0° H	
asc. node	-4026 Aug 05 j 01:26	9° $\text{II}13'42$		evening max el		-4023 Feb 20 j 22:23	16° $\text{H}43'17$	45°17'22
	-4026 Aug 21 j 21:49	0° E				-4023 Mar 07 j 18:23	0° Y	
	-4026 Sep 14 j 21:45	0° Ω		greatest brilliancy		-4023 Mar 30 j 11:39	14° $\text{Y}07'49$	-4.7m
	-4026 Oct 08 j 17:05	0° M		retrograde		-4023 Apr 10 j 05:24	16° $\text{Y}10'55$	
morning set	-4026 Oct 31 j 00:32	28° $\text{M}07'51$		evening set		-4023 Apr 25 j 13:52	11° $\text{Y}40'46$	
	-4026 Nov 01 j 12:10	0° $\underline{\Omega}$		inferior conj		-4023 May 01 j 15:15	8° $\text{Y}03'26$	2°16'43
desc. node	-4026 Nov 24 j 21:38	29° $\underline{\Omega}22'54$		minimum elong		-4023 May 01 j 20:02	7° $\text{Y}55'58$	2°15'25
	-4026 Nov 25 j 09:28	0° M		min. Earth dist.		-4023 May 02 j 07:50	7° $\text{Y}37'36$	0.28975 AU
				morning rise		-4023 May 08 j 01:47	4° $\text{Y}12'31$	
superior conj	-4026 Dec 12 j 06:55	21° $\text{M}07'14$	-0°38'57	desc. node		-4023 May 11 j 15:47	2° $\text{Y}25'06$	
minimum elong	-4026 Dec 11 j 21:33	20° $\text{M}38'01$	0°38'40			-4023 May 19 j 14:24	30° RH	
max. Earth dist.	-4026 Dec 16 j 23:46	26° $\text{M}59'03$	1.71863 AU	direct		-4023 May 23 j 11:13	29° $\text{H}42'25$	
	-4026 Dec 19 j 09:52	0° Z				-4023 May 27 j 09:38	0° Y	
	-4025 Jan 12 j 13:24	0° $\overline{\text{Z}}$		greatest brilliancy		-4023 Jun 03 j 09:50	1° $\text{Y}51'24$	-4.7m
evening rise	-4025 Jan 21 j 21:19	11° $\overline{\text{Z}}32'42$				-4023 Jul 11 j 12:11	0° B	
	-4025 Feb 05 j 20:20	0° \approx		morning max el		-4023 Jul 11 j 21:29	0° $\text{B}22'36$	46°12'10
	-4025 Mar 02 j 07:32	0° H				-4023 Aug 08 j 22:13	0° II	
asc. node	-4025 Mar 17 j 16:35	18° $\text{H}42'57$		asc. node		-4023 Sep 01 j 13:10	27° $\text{II}20'49$	
	-4025 Mar 27 j 00:24	0° Y				-4023 Sep 03 j 18:37	0° E	
	-4025 Apr 21 j 00:50	0° B				-4023 Sep 28 j 11:51	0° Ω	
	-4025 May 16 j 11:50	0° II				-4023 Oct 22 j 16:31	0° M	
	-4025 Jun 11 j 16:13	0° E				-4023 Nov 15 j 17:10	0° $\underline{\Omega}$	
desc. node	-4025 Jul 07 j 12:41	28° $\text{E}05'01$				-4023 Dec 09 j 18:35	0° M	
	-4025 Jul 09 j 09:05	0° Ω		desc. node		-4023 Dec 22 j 09:50	15° $\text{M}42'07$	
evening max el	-4025 Jul 18 j 15:08	9° $\Omega18'42$	46°45'20			-4022 Jan 02 j 22:33	0° Z	
	-4025 Aug 11 j 08:02	0° M		morning set		-4022 Jan 15 j 22:59	16° $\text{Z}06'24$	
greatest brilliancy	-4025 Aug 28 j 17:48	9° $\text{M}33'49$	-4.9m			-4022 Jan 27 j 04:59	0° $\overline{\text{Z}}$	
retrograde	-4025 Sep 06 j 18:13	11° $\text{M}05'38$				-4022 Feb 20 j 13:15	0° \approx	
evening set	-4025 Sep 23 j 06:33	5° $\text{M}50'38$						
inferior conj	-4025 Sep 27 j 08:27	3° $\text{M}25'14$	-6°59'55	superior conj		-4022 Feb 23 j 21:51	4° $\approx07'57$	-1°22'02
minimum elong	-4025 Sep 27 j 19:07	3° $\text{M}09'04$	6°57'40	minimum elong		-4022 Feb 24 j 01:23	4° $\approx18'50$	1°22'09
min. Earth dist.	-4025 Sep 27 j 15:42	3° $\text{M}14'15$	0.26513 AU	max. Earth dist.		-4022 Feb 25 j 10:55	6° $\approx01'58$	1.73394 AU
morning rise	-4025 Oct 02 j 07:33	0° $\text{M}29'56$				-4022 Mar 16 j 22:57	0° H	
	-4025 Oct 03 j 05:29	30° $\text{R}\Omega$		evening rise		-4022 Apr 01 j 21:37	19° $\text{H}33'46$	
direct	-4025 Oct 17 j 16:17	25° $\Omega49'07$				-4022 Apr 10 j 10:00	0° Y	
greatest brilliancy	-4025 Oct 28 j 04:32	27° $\Omega56'05$	-4.9m	asc. node		-4022 Apr 14 j 05:00	4° $\text{Y}38'38$	
asc. node	-4025 Oct 28 j 09:46	28° $\Omega01'09$				-4022 May 04 j 22:27	0° B	
	-4025 Nov 01 j 18:24	0° M				-4022 May 29 j 12:37	0° II	
morning max el	-4025 Dec 07 j 07:11	29° $\text{M}11'45$	46°43'14			-4022 Jun 23 j 05:35	0° E	
	-4025 Dec 08 j 02:12	0° $\underline{\Omega}$				-4022 Jul 18 j 03:47	0° Ω	
	-4024 Jan 04 j 20:55	0° M		desc. node		-4022 Aug 04 j 00:31	20° $\Omega02'31$	
	-4024 Jan 31 j 01:16	0° Z				-4022 Aug 12 j 11:59	0° M	
desc. node	-4024 Feb 17 j 07:32	20° $\text{Z}11'31$				-4022 Sep 07 j 16:40	0° $\underline{\Omega}$	
	-4024 Feb 25 j 15:09	0° $\overline{\text{Z}}$		evening max el		-4022 Sep 29 j 17:43	23° $\underline{\Omega}37'45$	47°35'48
	-4024 Mar 21 j 20:59	0° \approx				-4022 Oct 06 j 03:18	0° M	
	-4024 Apr 15 j 20:30	0° H		greatest brilliancy		-4022 Nov 09 j 08:35	25° $\text{M}25'53$	-4.9m
	-4024 May 10 j 13:59	0° Y		retrograde		-4022 Nov 19 j 19:35	27° $\text{M}31'42$	
	-4024 Jun 04 j 01:22	0° B		asc. node		-4022 Nov 24 j 21:17	26° $\text{M}59'20$	
morning set	-4024 Jun 04 j 13:40	0° $\text{B}37'53$		evening set		-4022 Dec 04 j 14:14	23° $\text{M}05'06$	
asc. node	-4024 Jun 09 j 03:35	6° $\text{B}16'48$		min. Earth dist.		-4022 Dec 09 j 13:07	20° $\text{M}05'45$	0.27183 AU
	-4024 Jun 28 j 06:55	0° II		inferior conj		-4022 Dec 10 j 14:13	19° $\text{M}26'13$	3°48'05
max. Earth dist.	-4024 Jul 06 j 17:01	10° $\text{II}29'06$	1.72184 AU	minimum elong		-4022 Dec 10 j 06:46	19° $\text{M}37'57$	3°45'53
				morning rise		-4022 Dec 16 j 00:16	16° $\text{M}09'26$	
superior conj	-4024 Jul 11 j 00:06	15° $\text{II}50'39$	1°05'32	direct		-4022 Dec 31 j 03:09	11° $\text{M}37'17$	
minimum elong	-4024 Jul 10 j 15:21	15° $\text{II}23'22$	1°05'27	greatest brilliancy		-4021 Jan 09 j 00:29	13° $\text{M}07'02$	-4.8m
	-4024 Jul 22 j 07:46	0° E				-4021 Feb 04 j 16:43	0° Z	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4021 Feb 18 j 07:27	12° ♁ 25'22	46°06'10		-4019 Oct 12 j 21:54	0° ♁	
	-4021 Mar 07 j 16:05	0° ♁			-4019 Nov 07 j 08:43	0° ♁	
desc. node	-4021 Mar 16 j 19:07	9° ♁ 44'45			-4019 Dec 04 j 10:42	0° ♁	
	-4021 Apr 04 j 03:02	0° ♁		evening max el	-4019 Dec 09 j 13:45	5° ♁ 16'48	46°36'32
	-4021 Apr 30 j 07:00	0° ♁		asc. node	-4019 Dec 22 j 08:47	17° ♁ 34'06	
	-4021 May 25 j 17:01	0° ♁			-4018 Jan 07 j 01:35	0° ♁	
	-4021 Jun 19 j 13:48	0° ♁		greatest brilliancy	-4018 Jan 17 j 23:58	5° ♁ 50'29	-4.8m
asc. node	-4021 Jul 07 j 15:34	22° ♁ 09'34		retrograde	-4018 Jan 28 j 21:08	8° ♁ 04'12	
	-4021 Jul 13 j 23:46	0° ♁		evening set	-4018 Feb 15 j 16:24	1° ♁ 55'08	
	-4021 Aug 07 j 01:18	0° ♁			-4018 Feb 18 j 17:30	30° ♁	
morning set	-4021 Aug 14 j 03:43	8° ♁ 54'53		inferior conj	-4018 Feb 19 j 06:06	29° ♁ 39'51	8°14'01
	-4021 Aug 30 j 21:30	0° ♁		minimum elong	-4018 Feb 19 j 07:59	29° ♁ 36'52	8°13'48
				min. Earth dist.	-4018 Feb 19 j 01:18	29° ♁ 47'32	0.29149 AU
superior conj	-4021 Sep 22 j 09:29	28° ♁ 24'30	1°09'47	morning rise	-4018 Feb 22 j 23:42	27° ♁ 18'41	
minimum elong	-4021 Sep 22 j 19:50	28° ♁ 57'10	1°09'36	direct	-4018 Mar 12 j 17:19	21° ♁ 17'12	
max. Earth dist.	-4021 Sep 23 j 06:32	29° ♁ 30'55	1.70870 AU	greatest brilliancy	-4018 Mar 22 j 05:25	22° ♁ 55'38	-4.7m
	-4021 Sep 23 j 15:45	0° ♁			-4018 Apr 05 j 03:11	0° ♁	
	-4021 Oct 17 j 10:53	0° ♁		desc. node	-4018 Apr 13 j 06:29	5° ♁ 53'58	
desc. node	-4021 Oct 27 j 11:27	12° ♁ 35'57		morning max el	-4018 Apr 30 j 12:42	21° ♁ 00'49	45°48'57
evening rise	-4021 Nov 03 j 13:39	21° ♁ 29'48			-4018 May 09 j 16:28	0° ♁	
	-4021 Nov 10 j 08:32	0° ♁			-4018 Jun 06 j 18:23	0° ♁	
	-4021 Dec 04 j 09:29	0° ♁			-4018 Jul 02 j 21:41	0° ♁	
	-4021 Dec 28 j 14:41	0° ♁			-4018 Jul 27 j 23:41	0° ♁	
	-4020 Jan 22 j 02:22	0° ♁		asc. node	-4018 Aug 04 j 03:34	8° ♁ 43'58	
	-4020 Feb 16 j 00:38	0° ♁			-4018 Aug 21 j 09:22	0° ♁	
asc. node	-4020 Feb 17 j 06:25	1° ♁ 28'31			-4018 Sep 14 j 09:05	0° ♁	
	-4020 Mar 12 j 16:13	0° ♁			-4018 Oct 08 j 04:20	0° ♁	
	-4020 Apr 08 j 14:17	0° ♁		morning set	-4018 Oct 28 j 10:27	25° ♁ 32'45	
evening max el	-4020 May 02 j 21:51	24° ♁ 48'18	45°20'46		-4018 Oct 31 j 23:20	0° ♁	
	-4020 May 08 j 11:56	0° ♁		desc. node	-4018 Nov 23 j 23:40	28° ♁ 54'36	
desc. node	-4020 Jun 08 j 03:16	21° ♁ 39'12			-4018 Nov 24 j 20:33	0° ♁	
greatest brilliancy	-4020 Jun 10 j 15:49	22° ♁ 36'36	-4.7m				
retrograde	-4020 Jun 20 j 14:31	24° ♁ 23'19		superior conj	-4018 Dec 09 j 16:49	18° ♁ 33'55	-0°35'27
evening set	-4020 Jul 06 j 15:40	19° ♁ 35'00		minimum elong	-4018 Dec 09 j 08:03	18° ♁ 06'32	0°35'12
inferior conj	-4020 Jul 11 j 17:46	16° ♁ 35'46	-6°59'10	max. Earth dist.	-4018 Dec 14 j 10:24	24° ♁ 28'16	1.71805 AU
minimum elong	-4020 Jul 11 j 07:34	16° ♁ 51'13	6°57'06		-4018 Dec 18 j 20:51	0° ♁	
min. Earth dist.	-4020 Jul 12 j 01:23	16° ♁ 24'11	0.27782 AU		-4017 Jan 12 j 00:21	0° ♁	
morning rise	-4020 Jul 15 j 23:01	14° ♁ 04'34		evening rise	-4017 Jan 19 j 10:55	9° ♁ 12'37	
direct	-4020 Aug 01 j 22:01	8° ♁ 38'10			-4017 Feb 05 j 07:18	0° ♁	
greatest brilliancy	-4020 Aug 12 j 23:44	10° ♁ 52'33	-4.9m		-4017 Mar 01 j 18:39	0° ♁	
	-4020 Sep 09 j 14:56	0° ♁		asc. node	-4017 Mar 16 j 18:48	18° ♁ 15'22	
morning max el	-4020 Sep 21 j 09:49	11° ♁ 23'09	46°47'20		-4017 Mar 26 j 11:53	0° ♁	
asc. node	-4020 Sep 29 j 00:37	19° ♁ 19'21			-4017 Apr 20 j 12:59	0° ♁	
	-4020 Oct 08 j 19:38	0° ♁			-4017 May 16 j 01:11	0° ♁	
	-4020 Nov 03 j 19:13	0° ♁			-4017 Jun 11 j 07:50	0° ♁	
	-4020 Nov 28 j 18:34	0° ♁		desc. node	-4017 Jul 06 j 14:46	27° ♁ 17'46	
	-4020 Dec 23 j 10:22	0° ♁			-4017 Jul 09 j 06:03	0° ♁	
	-4019 Jan 17 j 00:46	0° ♁		evening max el	-4017 Jul 16 j 04:57	6° ♁ 56'46	46°42'14
desc. node	-4019 Jan 18 j 21:47	2° ♁ 17'14			-4017 Aug 12 j 08:57	0° ♁	
	-4019 Feb 10 j 15:16	0° ♁		greatest brilliancy	-4017 Aug 26 j 05:06	7° ♁ 03'42	-4.9m
	-4019 Mar 07 j 05:31	0° ♁		retrograde	-4017 Sep 04 j 06:24	8° ♁ 35'40	
morning set	-4019 Mar 27 j 14:04	24° ♁ 52'07		evening set	-4017 Sep 20 j 21:54	3° ♁ 15'56	
	-4019 Mar 31 j 18:44	0° ♁		inferior conj	-4017 Sep 24 j 20:20	0° ♁ 55'20	-7°14'57
	-4019 Apr 25 j 06:13	0° ♁		minimum elong	-4017 Sep 25 j 06:50	0° ♁ 39'27	7°12'49
max. Earth dist.	-4019 Apr 29 j 23:41	5° ♁ 48'27	1.73620 AU	min. Earth dist.	-4017 Sep 25 j 03:47	0° ♁ 44'03	0.26542 AU
					-4017 Sep 26 j 08:59	30° ♁	
superior conj	-4019 May 02 j 13:33	8° ♁ 58'33	-0°21'16	morning rise	-4017 Sep 29 j 15:40	28° ♁ 05'26	
minimum elong	-4019 May 02 j 17:35	9° ♁ 10'59	0°21'03	direct	-4017 Oct 15 j 05:24	23° ♁ 19'08	
asc. node	-4019 May 11 j 17:24	20° ♁ 14'39		greatest brilliancy	-4017 Oct 25 j 17:05	25° ♁ 25'54	-4.9m
	-4019 May 19 j 15:28	0° ♁		asc. node	-4017 Oct 27 j 12:00	26° ♁ 10'05	
evening rise	-4019 Jun 07 j 04:00	22° ♁ 52'09			-4017 Nov 03 j 16:13	0° ♁	
	-4019 Jun 12 j 22:23	0° ♁		morning max el	-4017 Dec 04 j 21:05	26° ♁ 46'48	46°44'10
	-4019 Jul 07 j 03:38	0° ♁			-4017 Dec 08 j 00:35	0° ♁	
	-4019 Jul 31 j 08:43	0° ♁			-4016 Jan 04 j 13:15	0° ♁	
	-4019 Aug 24 j 15:42	0° ♁			-4016 Jan 30 j 15:09	0° ♁	
desc. node	-4019 Aug 31 j 12:43	8° ♁ 27'35		desc. node	-4016 Feb 16 j 09:42	19° ♁ 39'46	
	-4019 Sep 18 j 02:55	0° ♁			-4016 Feb 25 j 03:43	0° ♁	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4016 Mar 21 j 08:46	0°♊				-4014 Oct 06 j 05:47	0°♌	
	-4016 Apr 15 j 07:48	0°♋		greatest brilliancy		-4014 Nov 07 j 00:46	23°♌02'34	-4.9m
	-4016 May 10 j 01:00	0°♌		retrograde		-4014 Nov 17 j 09:24	25°♌06'25	
morning set	-4016 Jun 02 j 08:10	28°♌33'28		asc. node		-4014 Nov 23 j 23:19	24°♌12'01	
	-4016 Jun 03 j 12:16	0°♍		evening set		-4014 Dec 02 j 02:58	20°♌42'33	
asc. node	-4016 Jun 08 j 05:35	5°♍49'19		min. Earth dist.		-4014 Dec 07 j 04:04	17°♌40'23	0.27112 AU
	-4016 Jun 27 j 17:50	0°♎		inferior conj		-4014 Dec 08 j 04:13	17°♌02'23	3°27'59
max. Earth dist.	-4016 Jul 04 j 06:56	8°♎08'52	1.72247 AU	minimum elong		-4014 Dec 07 j 21:17	17°♌13'19	3°25'53
				morning rise		-4014 Dec 13 j 16:27	13°♌42'32	
superior conj	-4016 Jul 08 j 17:10	13°♎40'02	1°03'28	direct		-4014 Dec 28 j 15:55	9°♌14'35	
minimum elong	-4016 Jul 08 j 08:21	13°♎12'32	1°03'20	greatest brilliancy		-4013 Jan 06 j 15:20	10°♌45'44	-4.8m
	-4016 Jul 21 j 18:45	0°♏				-4013 Feb 04 j 23:19	0°♐	
	-4016 Aug 14 j 17:00	0°♑		morning max el		-4013 Feb 15 j 20:34	10°♐04'31	46°07'22
evening rise	-4016 Aug 15 j 00:01	0°♑22'00				-4013 Mar 07 j 10:09	0°♑	
	-4016 Sep 07 j 14:52	0°♒		desc. node		-4013 Mar 15 j 21:18	9°♑05'39	
desc. node	-4016 Sep 28 j 01:08	25°♒33'57				-4013 Apr 03 j 17:31	0°♒	
	-4016 Oct 01 j 14:22	0°♓				-4013 Apr 29 j 19:51	0°♋	
	-4016 Oct 25 j 17:05	0°♌				-4013 May 25 j 05:01	0°♌	
	-4016 Nov 19 j 00:53	0°♍				-4013 Jun 19 j 01:20	0°♍	
	-4016 Dec 13 j 17:43	0°♎		asc. node		-4013 Jul 06 j 17:46	21°♍41'21	
	-4015 Jan 08 j 04:24	0°♏				-4013 Jul 13 j 11:04	0°♎	
asc. node	-4015 Jan 18 j 20:33	12°♏08'44				-4013 Aug 06 j 12:32	0°♏	
	-4015 Feb 04 j 05:36	0°♋		morning set		-4013 Aug 11 j 17:56	6°♏33'27	
evening max el	-4015 Feb 18 j 13:59	14°♋31'58	45°18'55			-4013 Aug 30 j 08:45	0°♑	
	-4015 Mar 08 j 03:03	0°♌						
greatest brilliancy	-4015 Mar 28 j 04:34	12°♌01'00	-4.7m	superior conj		-4013 Sep 19 j 20:30	25°♑51'59	1°11'51
retrograde	-4015 Apr 07 j 21:19	14°♌03'22		minimum elong		-4013 Sep 20 j 06:22	26°♑23'09	1°11'42
evening set	-4015 Apr 23 j 08:07	9°♌30'40		max. Earth dist.		-4013 Sep 20 j 09:30	26°♑33'02	1.70884 AU
inferior conj	-4015 Apr 29 j 07:46	5°♌55'18	2°35'05			-4013 Sep 23 j 03:05	0°♒	
minimum elong	-4015 Apr 29 j 13:07	5°♌46'56	2°33'38			-4013 Oct 16 j 22:18	0°♓	
min. Earth dist.	-4015 Apr 30 j 00:32	5°♌29'06	0.29008 AU	desc. node		-4013 Oct 26 j 13:27	12°♓06'25	
morning rise	-4015 May 05 j 17:41	2°♌04'35		evening rise		-4013 Oct 31 j 21:59	18°♓49'37	
	-4015 May 09 j 23:05	30°♋♋				-4013 Nov 09 j 20:00	0°♌	
desc. node	-4015 May 10 j 17:49	29°♋40'38				-4013 Dec 03 j 21:00	0°♍	
direct	-4015 May 21 j 03:52	27°♋33'46				-4013 Dec 28 j 02:21	0°♎	
greatest brilliancy	-4015 Jun 01 j 01:41	29°♋41'32	-4.7m			-4012 Jan 21 j 14:21	0°♏	
	-4015 Jun 01 j 20:54	0°♌				-4012 Feb 15 j 13:17	0°♋	
morning max el	-4015 Jul 09 j 12:19	28°♌07'34	46°10'47	asc. node		-4012 Feb 16 j 08:39	0°♋57'29	
	-4015 Jul 11 j 10:12	0°♍				-4012 Mar 12 j 06:13	0°♌	
	-4015 Aug 08 j 14:05	0°♎				-4012 Apr 08 j 07:20	0°♍	
asc. node	-4015 Aug 31 j 15:22	26°♎46'10		evening max el		-4012 Apr 30 j 12:07	22°♍32'20	45°19'13
	-4015 Sep 03 j 08:21	0°♏				-4012 May 08 j 15:01	0°♎	
	-4015 Sep 28 j 00:33	0°♑		desc. node		-4012 Jun 07 j 05:21	19°♎56'58	
	-4015 Oct 22 j 04:38	0°♒		greatest brilliancy		-4012 Jun 08 j 03:44	20°♎17'02	-4.7m
	-4015 Nov 15 j 04:57	0°♓		retrograde		-4012 Jun 18 j 04:37	22°♎05'36	
	-4015 Dec 09 j 06:07	0°♌		evening set		-4012 Jul 04 j 02:06	17°♎21'16	
desc. node	-4015 Dec 21 j 11:49	15°♌12'50		inferior conj		-4012 Jul 09 j 07:46	14°♎17'12	-6°45'00
	-4014 Jan 02 j 09:53	0°♍		minimum elong		-4012 Jul 08 j 21:27	14°♎32'50	6°42'50
morning set	-4014 Jan 13 j 11:20	13°♍41'31		min. Earth dist.		-4012 Jul 09 j 15:18	14°♎05'47	0.27827 AU
	-4014 Jan 26 j 16:09	0°♎		morning rise		-4012 Jul 13 j 16:20	11°♎41'28	
	-4014 Feb 20 j 00:17	0°♏		direct		-4012 Jul 30 j 12:48	6°♎18'35	
				greatest brilliancy		-4012 Aug 10 j 14:51	8°♎33'31	-4.9m
superior conj	-4014 Feb 21 j 14:01	1°♏56'07	-1°22'37			-4012 Sep 09 j 18:54	0°♏	
minimum elong	-4014 Feb 21 j 16:52	2°♏04'53	1°22'45	morning max el		-4012 Sep 19 j 00:33	9°♏01'09	46°46'31
max. Earth dist.	-4014 Feb 23 j 07:09	4°♏02'41	1.73353 AU	asc. node		-4012 Sep 28 j 02:51	18°♏31'37	
	-4014 Mar 16 j 09:55	0°♋				-4012 Oct 08 j 13:31	0°♑	
evening rise	-4014 Mar 30 j 15:54	17°♋28'56				-4012 Nov 03 j 10:07	0°♒	
	-4014 Apr 09 j 21:02	0°♌				-4012 Nov 28 j 08:04	0°♓	
asc. node	-4014 Apr 13 j 07:09	4°♌11'24				-4012 Dec 22 j 23:00	0°♌	
	-4014 May 04 j 09:42	0°♍				-4011 Jan 16 j 12:49	0°♍	
	-4014 May 29 j 00:17	0°♎		desc. node		-4011 Jan 17 j 24:00	1°♍47'21	
	-4014 Jun 22 j 17:53	0°♏				-4011 Feb 10 j 02:53	0°♎	
	-4014 Jul 17 j 17:02	0°♑				-4011 Mar 06 j 16:49	0°♏	
desc. node	-4014 Aug 03 j 02:39	19°♑26'58		morning set		-4011 Mar 25 j 08:03	22°♏46'14	
	-4014 Aug 12 j 02:47	0°♒				-4011 Mar 31 j 05:51	0°♋	
	-4014 Sep 07 j 10:29	0°♓				-4011 Apr 24 j 17:16	0°♌	
evening max el	-4014 Sep 27 j 07:38	21°♓12'26	47°35'58	max. Earth dist.		-4011 Apr 27 j 23:02	3°♌58'50	1.73643 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4011 Apr 30 j 08:34	6°Υ55'36	-0°24'11	morning rise	-4009 Sep 26 j 23:48	25°Ω41'22	
minimum elong	-4011 Apr 30 j 13:08	7°Υ09'38	0°23'57	direct	-4009 Oct 12 j 18:16	20°Ω49'42	
asc. node	-4011 May 10 j 19:26	19°Υ46'58		greatest brilliancy	-4009 Oct 23 j 05:53	22°Ω56'08	-4.9m
	-4011 May 19 j 02:32	0°Ϡ		asc. node	-4009 Oct 26 j 13:59	24°Ω23'13	
evening rise	-4011 Jun 04 j 23:21	20°Ϡ49'14			-4009 Nov 04 j 23:22	0°ϯ	
	-4011 Jun 12 j 09:34	0°Π		morning max el	-4009 Dec 02 j 10:01	24°ϯ19'03	46°44'58
	-4011 Jul 06 j 15:03	0°ϣ			-4009 Dec 07 j 22:11	0°ϣ	
	-4011 Jul 30 j 20:29	0°Ω			-4008 Jan 04 j 05:25	0°ϯ	
	-4011 Aug 24 j 03:56	0°ϯ			-4008 Jan 30 j 05:04	0°Ϡ	
desc. node	-4011 Aug 30 j 14:55	7°ϯ56'18		desc. node	-4008 Feb 15 j 11:49	19°Ϡ07'30	
	-4011 Sep 17 j 15:48	0°ϣ			-4008 Feb 24 j 16:26	0°ϣ	
	-4011 Oct 12 j 11:46	0°ϯ			-4008 Mar 20 j 20:43	0°≈	
	-4011 Nov 07 j 00:26	0°Ϡ			-4008 Apr 14 j 19:15	0°Ϡ	
	-4011 Dec 04 j 07:08	0°ϣ			-4008 May 09 j 12:08	0°Υ	
evening max el	-4011 Dec 07 j 06:04	3°ϣ01'33	46°39'43	morning set	-4008 May 31 j 02:38	26°Υ28'45	
asc. node	-4011 Dec 21 j 11:01	16°ϣ35'12			-4008 Jun 02 j 23:15	0°Ϡ	
	-4010 Jan 08 j 06:56	0°≈		asc. node	-4008 Jun 07 j 07:45	5°Ϡ22'08	
greatest brilliancy	-4010 Jan 15 j 16:14	3°≈38'21	-4.8m		-4008 Jun 27 j 04:49	0°Π	
retrograde	-4010 Jan 26 j 14:47	5°≈53'20		max. Earth dist.	-4008 Jul 01 j 21:47	5°Π51'24	1.72312 AU
	-4010 Feb 12 j 22:44	30°κϣ					
evening set	-4010 Feb 13 j 09:20	29°ϣ43'47		superior conj	-4008 Jul 06 j 10:24	11°Π29'46	1°01'17
inferior conj	-4010 Feb 16 j 22:53	27°ϣ28'43	8°16'01	minimum elong	-4008 Jul 06 j 01:34	11°Π02'13	1°01'09
minimum elong	-4010 Feb 17 j 00:05	27°ϣ26'48	8°15'51		-4008 Jul 21 j 05:51	0°ϣ	
min. Earth dist.	-4010 Feb 16 j 16:17	27°ϣ39'16	0.29110 AU	evening rise	-4008 Aug 12 j 14:06	28°ϣ00'20	
morning rise	-4010 Feb 20 j 15:01	25°ϣ10'00			-4008 Aug 14 j 04:15	0°Ω	
direct	-4010 Mar 10 j 09:53	19°ϣ06'50			-4008 Sep 07 j 02:17	0°ϯ	
greatest brilliancy	-4010 Mar 19 j 19:35	20°ϣ43'52	-4.7m	desc. node	-4008 Sep 27 j 03:09	25°ϯ04'06	
	-4010 Apr 05 j 23:03	0°≈			-4008 Oct 01 j 01:59	0°ϣ	
desc. node	-4010 Apr 12 j 08:34	4°≈51'22			-4008 Oct 25 j 04:57	0°ϯ	
morning max el	-4010 Apr 28 j 05:39	18°≈53'05	45°48'49		-4008 Nov 18 j 13:08	0°Ϡ	
	-4010 May 09 j 11:53	0°Ϡ			-4008 Dec 13 j 06:40	0°ϣ	
	-4010 Jun 06 j 09:18	0°Υ			-4007 Jan 07 j 18:47	0°≈	
	-4010 Jul 02 j 10:49	0°Ϡ		asc. node	-4007 Jan 17 j 22:44	11°≈31'34	
	-4010 Jul 27 j 11:56	0°Π			-4007 Feb 03 j 23:43	0°Ϡ	
asc. node	-4010 Aug 03 j 05:46	8°Π13'40		evening max el	-4007 Feb 16 j 04:54	12°Ϡ18'42	45°20'27
	-4010 Aug 20 j 21:09	0°ϣ			-4007 Mar 08 j 14:57	0°Υ	
	-4010 Sep 13 j 20:39	0°Ω		greatest brilliancy	-4007 Mar 25 j 21:38	9°Υ54'01	-4.7m
	-4010 Oct 07 j 15:46	0°ϯ		retrograde	-4007 Apr 05 j 13:15	11°Υ55'54	
morning set	-4010 Oct 25 j 20:43	22°ϯ58'03		evening set	-4007 Apr 21 j 02:30	7°Υ20'15	
	-4010 Oct 31 j 10:42	0°ϣ		inferior conj	-4007 Apr 27 j 00:23	3°Υ47'15	2°53'06
desc. node	-4010 Nov 23 j 01:43	28°ϣ25'33		minimum elong	-4007 Apr 27 j 06:17	3°Υ38'01	2°51'32
	-4010 Nov 24 j 07:53	0°ϯ		min. Earth dist.	-4007 Apr 27 j 17:33	3°Υ20'23	0.29041 AU
				morning rise	-4007 May 03 j 09:33	29°Ϡ57'01	
superior conj	-4010 Dec 07 j 02:28	15°ϯ58'48	-0°31'52		-4007 May 03 j 07:22	30°κϠ	
minimum elong	-4010 Dec 06 j 18:24	15°ϯ33'37	0°31'38	desc. node	-4007 May 09 j 19:52	27°Ϡ00'15	
max. Earth dist.	-4010 Dec 11 j 22:32	22°ϯ01'08	1.71752 AU	direct	-4007 May 18 j 20:05	25°Ϡ25'07	
	-4010 Dec 18 j 08:09	0°Ϡ		greatest brilliancy	-4007 May 29 j 18:08	27°Ϡ32'28	-4.7m
	-4009 Jan 11 j 11:37	0°ϣ			-4007 Jun 04 j 06:13	0°Υ	
evening rise	-4009 Jan 17 j 00:02	6°ϣ49'55		morning max el	-4007 Jul 07 j 03:02	25°Υ52'29	46°09'31
	-4009 Feb 04 j 18:36	0°≈			-4007 Jul 11 j 07:22	0°Ϡ	
	-4009 Mar 01 j 06:05	0°Ϡ			-4007 Aug 08 j 05:39	0°Π	
asc. node	-4009 Mar 15 j 20:54	17°Ϡ46'35		asc. node	-4007 Aug 30 j 17:29	26°Π11'39	
	-4009 Mar 25 j 23:39	0°Υ			-4007 Sep 02 j 21:53	0°ϣ	
	-4009 Apr 20 j 01:26	0°Ϡ			-4007 Sep 27 j 13:07	0°Ω	
	-4009 May 15 j 14:54	0°Π			-4007 Oct 21 j 16:40	0°ϯ	
	-4009 Jun 10 j 23:58	0°ϣ			-4007 Nov 14 j 16:37	0°ϣ	
desc. node	-4009 Jul 05 j 17:00	26°ϣ29'32			-4007 Dec 08 j 17:32	0°ϯ	
	-4009 Jul 09 j 04:00	0°Ω		desc. node	-4007 Dec 20 j 14:03	14°ϯ44'44	
evening max el	-4009 Jul 13 j 18:50	4°Ω34'32	46°39'02		-4006 Jan 01 j 21:05	0°Ϡ	
	-4009 Aug 13 j 19:44	0°ϯ		morning set	-4006 Jan 10 j 23:50	11°Ϡ17'23	
greatest brilliancy	-4009 Aug 23 j 17:01	4°ϯ34'23	-4.9m		-4006 Jan 26 j 03:09	0°ϣ	
retrograde	-4009 Sep 01 j 18:22	6°ϯ05'49					
evening set	-4009 Sep 18 j 13:23	0°ϯ41'48		superior conj	-4006 Feb 19 j 06:18	29°ϣ45'01	-1°23'03
	-4009 Sep 19 j 17:54	30°κΩ		minimum elong	-4006 Feb 19 j 08:26	29°ϣ51'38	1°23'12
inferior conj	-4009 Sep 22 j 08:25	28°Ω25'53	-7°28'52		-4006 Feb 19 j 11:10	0°≈	
minimum elong	-4009 Sep 22 j 18:38	28°Ω10'24	7°26'56	max. Earth dist.	-4006 Feb 21 j 02:02	1°≈59'35	1.73315 AU
min. Earth dist.	-4009 Sep 22 j 16:14	28°Ω14'03	0.26568 AU		-4006 Mar 15 j 20:46	0°Ϡ	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4006 Mar 28 j 10:08	15° H 24'17			-4004 Nov 03 j 00:28	0° H		
	-4006 Apr 09 j 07:59	0° Y			-4004 Nov 27 j 21:06	0° L		
asc. node	-4006 Apr 12 j 09:10	3° Y 44'02			-4004 Dec 22 j 11:15	0° M		
	-4006 May 03 j 20:53	0° B			-4003 Jan 16 j 00:29	0° X		
	-4006 May 28 j 11:52	0° II		desc. node	-4003 Jan 17 j 02:04	1° X 18'06		
	-4006 Jun 22 j 06:05	0° S			-4003 Feb 09 j 14:09	0° Z		
	-4006 Jul 17 j 06:13	0° Q			-4003 Mar 06 j 03:46	0° \approx		
desc. node	-4006 Aug 02 j 04:46	18° Q 51'39		morning set	-4003 Mar 23 j 02:08	20° \approx 41'43		
	-4006 Aug 11 j 17:36	0° H			-4003 Mar 30 j 16:36	0° H		
	-4006 Sep 07 j 04:31	0° L			-4003 Apr 24 j 03:55	0° Y		
evening max el	-4006 Sep 24 j 21:01	18° L 46'16	47°35'58	max. Earth dist.	-4003 Apr 25 j 23:17	2° Y 13'09	1.73662 AU	
	-4006 Oct 06 j 09:37	0° M						
greatest brilliancy	-4006 Nov 04 j 16:45	20° M 39'08	-4.9m	superior conj	-4003 Apr 28 j 03:41	4° Y 54'05	-0°27'04	
retrograde	-4006 Nov 14 j 23:21	22° M 41'32		minimum elong	-4003 Apr 28 j 08:44	5° Y 09'39	0°26'50	
asc. node	-4006 Nov 23 j 01:34	21° M 19'15		asc. node	-4003 May 09 j 21:39	19° Y 20'58		
evening set	-4006 Nov 29 j 15:47	18° M 19'45			-4003 May 18 j 13:13	0° B		
min. Earth dist.	-4006 Dec 04 j 18:58	15° M 15'10	0.27043 AU	evening rise	-4003 Jun 02 j 18:46	18° B 47'38		
inferior conj	-4006 Dec 05 j 18:07	14° M 38'48	3°07'22		-4003 Jun 11 j 20:25	0° II		
minimum elong	-4006 Dec 05 j 11:45	14° M 48'50	3°05'23		-4003 Jul 06 j 02:10	0° S		
morning rise	-4006 Dec 11 j 08:30	11° M 16'13			-4003 Jul 30 j 07:59	0° Q		
direct	-4006 Dec 26 j 04:28	6° M 51'55			-4003 Aug 23 j 15:55	0° H		
greatest brilliancy	-4005 Jan 04 j 06:08	8° M 24'51	-4.8m	desc. node	-4003 Aug 29 j 16:54	7° H 25'12		
	-4005 Feb 05 j 03:34	0° X			-4003 Sep 17 j 04:26	0° L		
morning max el	-4005 Feb 13 j 10:20	7° X 45'51	46°08'44		-4003 Oct 12 j 01:25	0° M		
	-4005 Mar 07 j 03:29	0° Z			-4003 Nov 06 j 16:01	0° X		
desc. node	-4005 Mar 14 j 23:22	8° Z 27'31			-4003 Dec 04 j 03:54	0° Z		
	-4005 Apr 03 j 07:34	0° \approx		evening max el	-4003 Dec 04 j 22:36	0° Z 47'35	46°42'46	
	-4005 Apr 29 j 08:23	0° H		asc. node	-4003 Dec 20 j 13:12	15° Z 35'43		
	-4005 May 24 j 16:46	0° Y			-4002 Jan 10 j 01:27	0° \approx		
	-4005 Jun 18 j 12:39	0° B		greatest brilliancy	-4002 Jan 13 j 08:52	1° \approx 27'11	-4.8m	
asc. node	-4005 Jul 05 j 19:58	21° B 13'52		retrograde	-4002 Jan 24 j 08:12	3° \approx 42'33		
	-4005 Jul 12 j 22:09	0° II			-4002 Feb 06 j 19:58	30° R Z		
	-4005 Aug 05 j 23:31	0° S		evening set	-4002 Feb 11 j 01:52	27° Z 33'19		
morning set	-4005 Aug 09 j 08:19	4° S 13'25		inferior conj	-4002 Feb 14 j 15:28	25° Z 17'55	8°17'24	
	-4005 Aug 29 j 19:44	0° Q		minimum elong	-4002 Feb 14 j 15:58	25° Z 17'07	8°17'15	
				min. Earth dist.	-4002 Feb 14 j 07:08	25° Z 31'15	0.29067 AU	
superior conj	-4005 Sep 17 j 07:39	23° Q 20'48	1°13'45	morning rise	-4002 Feb 18 j 06:19	23° Z 01'10		
minimum elong	-4005 Sep 17 j 16:58	23° Q 50'12	1°13'39	direct	-4002 Mar 08 j 02:22	16° Z 57'02		
max. Earth dist.	-4005 Sep 17 j 16:36	23° Q 49'01	1.70903 AU	greatest brilliancy	-4002 Mar 17 j 09:17	18° Z 32'06	-4.7m	
	-4005 Sep 22 j 14:09	0° H			-4002 Apr 06 j 13:26	0° \approx		
	-4005 Oct 16 j 09:27	0° L		desc. node	-4002 Apr 11 j 10:37	3° \approx 51'04		
desc. node	-4005 Oct 25 j 15:32	11° L 37'51		morning max el	-4002 Apr 25 j 22:00	16° \approx 44'57	45°48'49	
evening rise	-4005 Oct 29 j 06:27	16° L 10'33			-4002 May 09 j 06:21	0° H		
	-4005 Nov 09 j 07:14	0° M			-4002 Jun 05 j 23:38	0° Y		
	-4005 Dec 03 j 08:18	0° X			-4002 Jul 01 j 23:28	0° B		
	-4005 Dec 27 j 13:46	0° Z			-4002 Jul 26 j 23:47	0° II		
	-4004 Jan 21 j 02:05	0° \approx		asc. node	-4002 Aug 02 j 07:50	7° II 44'05		
asc. node	-4004 Feb 15 j 10:45	0° H 26'57			-4002 Aug 20 j 08:37	0° S		
	-4004 Feb 15 j 01:39	0° H			-4002 Sep 13 j 07:56	0° Q		
	-4004 Mar 11 j 19:58	0° Y			-4002 Oct 07 j 02:57	0° H		
	-4004 Apr 08 j 00:20	0° B		morning set	-4002 Oct 23 j 06:45	20° H 23'25		
evening max el	-4004 Apr 28 j 03:18	20° B 19'47	45°17'39		-4002 Oct 30 j 21:48	0° L		
	-4004 May 08 j 19:20	0° II		desc. node	-4002 Nov 22 j 03:56	27° L 57'54		
greatest brilliancy	-4004 Jun 05 j 15:39	17° II 58'39	-4.7m		-4002 Nov 23 j 18:54	0° M		
desc. node	-4004 Jun 06 j 07:35	18° II 12'04						
retrograde	-4004 Jun 15 j 19:00	19° II 48'54		superior conj	-4002 Dec 04 j 11:48	13° M 23'38	-0°28'11	
evening set	-4004 Jul 01 j 12:48	15° II 08'38		minimum elong	-4002 Dec 04 j 04:32	13° M 00'54	0°27'58	
inferior conj	-4004 Jul 06 j 21:50	11° II 59'44	-6°30'11	max. Earth dist.	-4002 Dec 09 j 12:02	19° M 39'07	1.71696 AU	
minimum elong	-4004 Jul 06 j 11:27	12° II 15'28	6°27'56		-4002 Dec 17 j 19:08	0° X		
min. Earth dist.	-4004 Jul 07 j 05:07	11° II 48'43	0.27872 AU		-4001 Jan 10 j 22:35	0° Z		
morning rise	-4004 Jul 11 j 09:40	9° II 19'27		evening rise	-4001 Jan 14 j 12:53	4° Z 27'15		
direct	-4004 Jul 28 j 04:03	4° II 00'19			-4001 Feb 04 j 05:36	0° \approx		
greatest brilliancy	-4004 Aug 08 j 05:28	6° II 15'01	-4.8m		-4001 Feb 28 j 17:14	0° H		
	-4004 Sep 09 j 20:54	0° S		asc. node	-4001 Mar 14 j 22:58	17° H 18'29		
morning max el	-4004 Sep 16 j 15:42	6° S 41'28	46°45'38		-4001 Mar 25 j 11:09	0° Y		
asc. node	-4004 Sep 27 j 04:55	17° S 45'14			-4001 Apr 19 j 13:38	0° B		
	-4004 Oct 08 j 06:40	0° Q			-4001 May 15 j 04:23	0° II		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4001 Jun 10 j 15:58	0°☿				-3999 Nov 14 j 04:12	0°♊	
desc. node	-4001 Jul 04 j 19:04	25°☿41'06				-3999 Dec 08 j 04:55	0°♋	
	-4001 Jul 09 j 02:24	0°♌			desc. node	-3999 Dec 19 j 16:07	14°♋16'05	
evening max el	-4001 Jul 11 j 07:42	2°♌10'52	46°35'40			-3998 Jan 01 j 08:17	0°♍	
	-4001 Aug 15 j 23:13	0°♎			morning set	-3998 Jan 08 j 11:37	8°♍50'51	
greatest brilliancy	-4001 Aug 21 j 05:15	2°♎06'05	-4.9m			-3998 Jan 25 j 14:10	0°♎	
retrograde	-4001 Aug 30 j 05:37	3°♎36'25						
	-4001 Sep 12 j 18:48	30°♏♌			superior conj	-3998 Feb 16 j 21:58	27°♎32'02	-1°23'23
evening set	-4001 Sep 16 j 04:39	28°♏08'10			minimum elong	-3998 Feb 16 j 23:23	27°♎36'21	1°23'32
inferior conj	-4001 Sep 19 j 20:24	25°♏56'54	-7°41'53			-3998 Feb 18 j 22:03	0°♏	
minimum elong	-4001 Sep 20 j 06:13	25°♏41'59	7°40'08		max. Earth dist.	-3998 Feb 18 j 18:50	29°♎50'08	1.73273 AU
min. Earth dist.	-4001 Sep 20 j 04:52	25°♏44'03	0.26601 AU			-3998 Mar 15 j 07:38	0°♐	
morning rise	-4001 Sep 24 j 07:42	23°♏17'49			evening rise	-3998 Mar 26 j 03:58	13°♐18'27	
direct	-4001 Oct 10 j 06:29	18°♏20'21				-3998 Apr 08 j 18:56	0°♑	
greatest brilliancy	-4001 Oct 20 j 19:14	20°♏27'09	-4.9m		asc. node	-3998 Apr 11 j 11:22	3°♑17'10	
asc. node	-4001 Oct 25 j 16:16	22°♏40'54				-3998 May 03 j 08:06	0°♒	
	-4001 Nov 05 j 21:49	0°♓				-3998 May 27 j 23:30	0°♓	
morning max el	-4001 Nov 29 j 22:09	21°♓49'23	46°45'49			-3998 Jun 21 j 18:21	0°♈	
	-4001 Dec 07 j 18:55	0°♉				-3998 Jul 16 j 19:28	0°♉	
	-4000 Jan 03 j 21:09	0°♊			desc. node	-3998 Aug 01 j 06:51	18°♉16'07	
	-4000 Jan 29 j 18:40	0°♋				-3998 Aug 11 j 08:31	0°♊	
desc. node	-4000 Feb 14 j 13:52	18°♋35'51				-3998 Sep 06 j 22:51	0°♋	
	-4000 Feb 24 j 04:51	0°♌			evening max el	-3998 Sep 22 j 10:47	16°♋21'35	47°35'54
	-4000 Mar 20 j 08:24	0°♍				-3998 Oct 06 j 15:11	0°♌	
	-4000 Apr 14 j 06:27	0°♎			greatest brilliancy	-3998 Nov 02 j 07:56	18°♌14'34	-4.9m
	-4000 May 08 j 23:03	0°♏			retrograde	-3998 Nov 12 j 13:29	20°♌16'17	
morning set	-4000 May 28 j 21:16	24°♏25'09			asc. node	-3998 Nov 22 j 03:43	18°♌20'41	
	-4000 Jun 02 j 10:02	0°♐			evening set	-3998 Nov 27 j 04:37	15°♌55'58	
asc. node	-4000 Jun 06 j 09:57	4°♐55'42			min. Earth dist.	-3998 Dec 02 j 09:28	12°♌49'32	0.26983 AU
	-4000 Jun 26 j 15:35	0°♑			inferior conj	-3998 Dec 03 j 07:51	12°♌14'30	2°46'10
max. Earth dist.	-4000 Jun 29 j 14:46	3°♑41'24	1.72374 AU		minimum elong	-3998 Dec 03 j 02:06	12°♌23'31	2°44'21
					morning rise	-3998 Dec 09 j 00:20	8°♌49'31	
superior conj	-4000 Jul 04 j 03:56	9°♑21'16	0°59'02		direct	-3998 Dec 23 j 17:19	4°♌28'23	
minimum elong	-4000 Jul 03 j 19:08	8°♑53'50	0°58'54		greatest brilliancy	-3997 Jan 01 j 20:34	6°♌02'56	-4.8m
	-4000 Jul 20 j 16:42	0°♒				-3997 Feb 05 j 06:23	0°♍	
evening rise	-4000 Aug 10 j 04:38	25°♒40'58			morning max el	-3997 Feb 11 j 01:02	5°♍28'47	46°10'00
	-4000 Aug 13 j 15:15	0°♓				-3997 Mar 06 j 20:39	0°♎	
	-4000 Sep 06 j 13:29	0°♔			desc. node	-3997 Mar 14 j 01:30	7°♎49'22	
desc. node	-4000 Sep 26 j 05:15	24°♔34'56				-3997 Apr 02 j 21:38	0°♏	
	-4000 Sep 30 j 13:28	0°♕				-3997 Apr 28 j 21:00	0°♐	
	-4000 Oct 24 j 16:45	0°♖				-3997 May 24 j 04:35	0°♑	
	-4000 Nov 18 j 01:22	0°♗				-3997 Jun 18 j 00:03	0°♒	
	-4000 Dec 12 j 19:36	0°♘			asc. node	-3997 Jul 04 j 21:55	20°♒45'17	
	-3999 Jan 07 j 09:14	0°♙				-3997 Jul 12 j 09:21	0°♓	
asc. node	-3999 Jan 17 j 00:48	10°♙54'06				-3997 Aug 05 j 10:37	0°♈	
	-3999 Feb 03 j 18:11	0°♐			morning set	-3997 Aug 06 j 22:52	1°♈53'39	
evening max el	-3999 Feb 13 j 19:10	10°♐04'02	45°22'12			-3997 Aug 29 j 06:51	0°♉	
	-3999 Mar 09 j 06:50	0°♑						
greatest brilliancy	-3999 Mar 23 j 14:06	7°♑46'29	-4.7m		superior conj	-3997 Sep 14 j 19:14	20°♑50'39	1°15'30
retrograde	-3999 Apr 03 j 05:19	9°♑48'39			minimum elong	-3997 Sep 15 j 03:56	21°♑18'07	1°15'26
evening set	-3999 Apr 18 j 20:51	5°♑09'34			max. Earth dist.	-3997 Sep 15 j 01:05	21°♑09'07	1.70915 AU
inferior conj	-3999 Apr 24 j 16:54	1°♑39'12	3°10'53			-3997 Sep 22 j 01:18	0°♒	
minimum elong	-3999 Apr 24 j 23:18	1°♑29'11	3°09'12			-3997 Oct 15 j 20:39	0°♓	
min. Earth dist.	-3999 Apr 25 j 10:26	1°♑11'45	0.29073 AU		desc. node	-3997 Oct 24 j 17:44	11°♒09'34	
	-3999 Apr 27 j 08:37	30°♒♐			evening rise	-3997 Oct 26 j 15:16	13°♒32'27	
morning rise	-3999 May 01 j 01:10	27°♒49'52				-3997 Nov 08 j 18:30	0°♔	
desc. node	-3999 May 08 j 22:10	24°♒23'54				-3997 Dec 02 j 19:40	0°♕	
direct	-3999 May 16 j 12:03	23°♒16'16				-3997 Dec 27 j 01:19	0°♖	
greatest brilliancy	-3999 May 27 j 10:45	25°♒23'49	-4.7m			-3996 Jan 20 j 13:59	0°♗	
	-3999 Jun 05 j 18:54	0°♙			asc. node	-3996 Feb 14 j 12:49	29°♗55'38	
morning max el	-3999 Jul 04 j 18:34	23°♙39'48	46°08'30			-3996 Feb 14 j 14:18	0°♘	
	-3999 Jul 11 j 03:43	0°♚				-3996 Mar 11 j 10:06	0°♙	
	-3999 Aug 07 j 20:50	0°♛				-3996 Apr 07 j 17:59	0°♚	
asc. node	-3999 Aug 29 j 19:35	25°♛37'52			evening max el	-3996 Apr 25 j 19:03	18°♚07'55	45°16'12
	-3999 Sep 02 j 11:09	0°♜				-3996 May 09 j 02:02	0°♛	
	-3999 Sep 27 j 01:28	0°♝			greatest brilliancy	-3996 Jun 03 j 03:50	15°♛40'00	-4.7m
	-3999 Oct 21 j 04:32	0°♞			desc. node	-3996 Jun 05 j 09:38	16°♛22'11	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-3996 Jun 13 j 09:02	17° Π 31'16		superior conj	-3994 Dec 01 j 21:15	10° \mathbb{M} 47'48	-0°24'27
evening set	-3996 Jun 28 j 23:39	12° Π 55'09		minimum elong	-3994 Dec 01 j 14:50	10° \mathbb{M} 27'42	0°24'15
inferior conj	-3996 Jul 04 j 11:49	9° Π 41'30	-6°14'53	max. Earth dist.	-3994 Dec 07 j 00:05	17° \mathbb{M} 11'35	1.71633 AU
minimum elong	-3996 Jul 04 j 01:26	9° Π 57'14	6°12'31		-3994 Dec 17 j 06:23	0° \mathbb{A}	
min. Earth dist.	-3996 Jul 04 j 18:55	9° Π 30'44	0.27914 AU		-3993 Jan 10 j 09:48	0° \mathbb{B}	
morning rise	-3996 Jul 09 j 02:51	6° Π 56'32		evening rise	-3993 Jan 12 j 01:49	2° \mathbb{B} 03'58	
direct	-3996 Jul 25 j 19:21	1° Π 41'22			-3993 Feb 03 j 16:50	0° \approx	
greatest brilliancy	-3996 Aug 05 j 19:39	3° Π 55'07	-4.8m		-3993 Feb 28 j 04:37	0° \mathbb{H}	
	-3996 Sep 09 j 21:56	0° \mathbb{E}		asc. node	-3993 Mar 14 j 01:11	16° \mathbb{H} 50'07	
morning max el	-3996 Sep 14 j 06:27	4° \mathbb{E} 20'10	46°44'48		-3993 Mar 24 j 22:56	0° \mathbb{Y}	
asc. node	-3996 Sep 26 j 07:06	16° \mathbb{E} 59'08			-3993 Apr 19 j 02:11	0° \mathbb{B}	
	-3996 Oct 07 j 23:43	0° \mathbb{Q}			-3993 May 14 j 18:20	0° Π	
	-3996 Nov 02 j 14:52	0° \mathbb{M}			-3993 Jun 10 j 08:38	0° \mathbb{E}	
	-3996 Nov 27 j 10:12	0° \mathbb{L}		desc. node	-3993 Jul 03 j 21:09	24° \mathbb{E} 50'54	
	-3996 Dec 21 j 23:33	0° \mathbb{M}		evening max el	-3993 Jul 08 j 19:43	29° \mathbb{E} 44'12	46°32'20
	-3995 Jan 15 j 12:16	0° \mathbb{A}			-3993 Jul 09 j 02:12	0° \mathbb{Q}	
desc. node	-3995 Jan 16 j 04:06	0° \mathbb{A} 48'22		greatest brilliancy	-3993 Aug 18 j 17:51	29° \mathbb{Q} 37'20	-4.9m
	-3995 Feb 09 j 01:33	0° \mathbb{B}			-3993 Aug 20 j 00:01	0° \mathbb{M}	
	-3995 Mar 05 j 14:56	0° \approx		retrograde	-3993 Aug 27 j 16:38	1° \mathbb{M} 06'30	
morning set	-3995 Mar 20 j 20:01	18° \approx 35'51			-3993 Sep 04 j 03:23	30° \mathbb{R} \mathbb{Q}	
	-3995 Mar 30 j 03:36	0° \mathbb{H}		evening set	-3993 Sep 13 j 19:50	25° \mathbb{Q} 33'53	
	-3995 Apr 23 j 14:50	0° \mathbb{Y}		inferior conj	-3993 Sep 17 j 08:27	23° \mathbb{Q} 27'18	-7°53'55
max. Earth dist.	-3995 Apr 23 j 22:16	0° \mathbb{Y} 22'48	1.73678 AU	minimum elong	-3993 Sep 17 j 17:47	23° \mathbb{Q} 13'07	7°52'21
				min. Earth dist.	-3993 Sep 17 j 17:48	23° \mathbb{Q} 13'06	0.26637 AU
superior conj	-3995 Apr 25 j 22:31	2° \mathbb{Y} 50'59	-0°29'56	morning rise	-3993 Sep 21 j 15:36	20° \mathbb{Q} 53'53	
minimum elong	-3995 Apr 26 j 04:04	3° \mathbb{Y} 08'00	0°29'41	direct	-3993 Oct 07 j 18:29	15° \mathbb{Q} 50'01	
asc. node	-3995 May 08 j 23:46	18° \mathbb{Y} 53'52		greatest brilliancy	-3993 Oct 18 j 09:11	17° \mathbb{Q} 58'08	-4.9m
	-3995 May 18 j 00:11	0° \mathbb{B}		asc. node	-3993 Oct 24 j 18:26	21° \mathbb{Q} 01'26	
evening rise	-3995 May 31 j 13:55	16° \mathbb{B} 44'26			-3993 Nov 06 j 14:57	0° \mathbb{M}	
	-3995 Jun 11 j 07:32	0° Π		morning max el	-3993 Nov 27 j 10:21	19° \mathbb{M} 18'45	46°46'44
	-3995 Jul 05 j 13:35	0° \mathbb{E}			-3993 Dec 07 j 15:22	0° \mathbb{L}	
	-3995 Jul 29 j 19:48	0° \mathbb{Q}			-3992 Jan 03 j 12:59	0° \mathbb{M}	
	-3995 Aug 23 j 04:15	0° \mathbb{M}			-3992 Jan 29 j 08:26	0° \mathbb{A}	
desc. node	-3995 Aug 28 j 19:03	6° \mathbb{M} 53'31		desc. node	-3992 Feb 13 j 16:01	18° \mathbb{A} 03'51	
	-3995 Sep 16 j 17:25	0° \mathbb{L}			-3992 Feb 23 j 17:26	0° \mathbb{B}	
	-3995 Oct 11 j 15:26	0° \mathbb{M}			-3992 Mar 19 j 20:15	0° \approx	
	-3995 Nov 06 j 08:04	0° \mathbb{A}			-3992 Apr 13 j 17:50	0° \mathbb{H}	
evening max el	-3995 Dec 02 j 14:56	28° \mathbb{A} 32'30	46°45'52		-3992 May 08 j 10:10	0° \mathbb{Y}	
	-3995 Dec 04 j 01:33	0° \mathbb{B}		morning set	-3992 May 26 j 16:00	22° \mathbb{Y} 21'10	
asc. node	-3995 Dec 19 j 15:14	14° \mathbb{B} 34'17			-3992 Jun 01 j 21:04	0° \mathbb{B}	
greatest brilliancy	-3994 Jan 11 j 02:11	29° \mathbb{B} 16'37	-4.8m	asc. node	-3992 Jun 05 j 11:56	4° \mathbb{B} 27'51	
	-3994 Jan 13 j 02:22	0° \approx			-3992 Jun 26 j 02:39	0° Π	
retrograde	-3994 Jan 22 j 01:24	1° \approx 31'38		max. Earth dist.	-3992 Jun 27 j 09:15	1° Π 35'09	1.72440 AU
	-3994 Jan 30 j 15:20	30° \mathbb{R} \mathbb{B}					
evening set	-3994 Feb 08 j 18:24	25° \mathbb{B} 23'19		superior conj	-3992 Jul 01 j 21:29	7° Π 11'58	0°56'43
inferior conj	-3994 Feb 12 j 08:17	23° \mathbb{B} 07'10	8°18'10	minimum elong	-3992 Jul 01 j 12:45	6° Π 44'47	0°56'33
minimum elong	-3994 Feb 12 j 08:05	23° \mathbb{B} 07'29	8°18'00		-3992 Jul 20 j 03:51	0° \mathbb{E}	
min. Earth dist.	-3994 Feb 11 j 22:29	23° \mathbb{B} 22'53	0.29021 AU	evening rise	-3992 Aug 07 j 19:14	23° \mathbb{E} 21'01	
morning rise	-3994 Feb 15 j 22:04	20° \mathbb{B} 51'52			-3992 Aug 13 j 02:33	0° \mathbb{Q}	
direct	-3994 Mar 05 j 18:52	14° \mathbb{B} 47'19			-3992 Sep 06 j 01:00	0° \mathbb{M}	
greatest brilliancy	-3994 Mar 14 j 23:32	16° \mathbb{B} 20'32	-4.7m	desc. node	-3992 Sep 25 j 07:25	24° \mathbb{M} 05'06	
	-3994 Apr 07 j 00:24	0° \approx			-3992 Sep 30 j 01:14	0° \mathbb{L}	
desc. node	-3994 Apr 10 j 12:53	2° \approx 52'05			-3992 Oct 24 j 04:51	0° \mathbb{M}	
morning max el	-3994 Apr 23 j 13:44	14° \approx 34'31	45°48'39		-3992 Nov 17 j 13:54	0° \mathbb{A}	
	-3994 May 09 j 00:41	0° \mathbb{H}			-3992 Dec 12 j 08:54	0° \mathbb{B}	
	-3994 Jun 05 j 14:09	0° \mathbb{Y}			-3991 Jan 07 j 00:07	0° \approx	
	-3994 Jul 01 j 12:23	0° \mathbb{B}		asc. node	-3991 Jan 16 j 02:58	10° \approx 15'50	
	-3994 Jul 26 j 11:55	0° Π			-3991 Feb 03 j 13:22	0° \mathbb{H}	
asc. node	-3994 Aug 01 j 09:58	7° Π 13'53		evening max el	-3991 Feb 11 j 10:00	7° \mathbb{H} 50'16	45°24'16
	-3994 Aug 19 j 20:22	0° \mathbb{E}			-3991 Mar 10 j 04:23	0° \mathbb{Y}	
	-3994 Sep 12 j 19:29	0° \mathbb{Q}		greatest brilliancy	-3991 Mar 21 j 06:12	5° \mathbb{Y} 38'43	-4.7m
	-3994 Oct 06 j 14:25	0° \mathbb{M}		retrograde	-3991 Mar 31 j 22:11	7° \mathbb{Y} 42'00	
morning set	-3994 Oct 20 j 16:47	17° \mathbb{M} 47'43		evening set	-3991 Apr 16 j 15:35	2° \mathbb{Y} 59'13	
	-3994 Oct 30 j 09:12	0° \mathbb{L}			-3991 Apr 21 j 15:30	30° \mathbb{R} \mathbb{H}	
desc. node	-3994 Nov 21 j 05:57	27° \mathbb{L} 28'41		inferior conj	-3991 Apr 22 j 09:42	29° \mathbb{H} 31'34	3°28'11
	-3994 Nov 23 j 06:14	0° \mathbb{M}		minimum elong	-3991 Apr 22 j 16:34	29° \mathbb{H} 20'50	3°26'25
				min. Earth dist.	-3991 Apr 23 j 03:15	29° \mathbb{H} 04'07	0.29106 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3991 Apr 28 j 17:00	25° H 43'36		-3989 Nov 08 j 05:54	0° M	
desc. node	-3991 May 08 j 00:09	21° H 53'09		-3989 Dec 02 j 07:09	0° X	
direct	-3991 May 14 j 04:35	21° H 07'55		-3989 Dec 26 j 12:58	0° Z	
greatest brilliancy	-3991 May 25 j 03:24	23° H 15'39	-4.7m	-3988 Jan 20 j 02:00	0° \approx	
	-3991 Jun 06 j 20:45	0° Y		asc. node	-3988 Feb 13 j 15:01	29° \approx 24'29
morning max el	-3991 Jul 02 j 11:10	21° Y 29'33	46°07'14	-3988 Feb 14 j 03:03	0° H	
	-3991 Jul 10 j 23:37	0° B		-3988 Mar 11 j 00:23	0° Y	
	-3991 Aug 07 j 12:04	0° II		-3988 Apr 07 j 11:59	0° B	
asc. node	-3991 Aug 28 j 21:47	25° II 03'41		evening max el	-3988 Apr 23 j 11:02	15° B 56'54 45°14'55
	-3991 Sep 02 j 00:36	0° E		-3988 May 09 j 10:58	0° II	
	-3991 Sep 26 j 14:03	0° O		greatest brilliancy	-3988 May 31 j 17:02	13° II 23'42 -4.7m
	-3991 Oct 20 j 16:37	0° M		desc. node	-3988 Jun 04 j 11:43	14° II 29'28
	-3991 Nov 13 j 16:00	0° E		retrograde	-3988 Jun 10 j 22:58	15° II 15'16
	-3991 Dec 07 j 16:29	0° M		evening set	-3988 Jun 26 j 11:09	10° II 43'15
desc. node	-3991 Dec 18 j 18:07	13° M 46'45		inferior conj	-3988 Jul 02 j 02:13	7° II 25'11 -5°59'10
	-3991 Dec 31 j 19:39	0° X		minimum elong	-3988 Jul 01 j 15:56	7° II 40'50 5°56'44
morning set	-3990 Jan 05 j 23:12	6° X 22'58		min. Earth dist.	-3988 Jul 02 j 09:22	7° II 14'20 0.27953 AU
	-3990 Jan 25 j 01:22	0° Z		morning rise	-3988 Jul 06 j 20:20	4° II 35'30
				-3988 Jul 17 j 23:52	30° R B	
superior conj	-3990 Feb 14 j 13:36	25° Z 18'12	-1°23'34	direct	-3988 Jul 23 j 10:45	29° B 24'30
minimum elong	-3990 Feb 14 j 14:13	25° Z 20'08	1°23'44	-3988 Jul 29 j 00:22	0° II	
max. Earth dist.	-3990 Feb 16 j 11:14	27° Z 38'44	1.73230 AU	greatest brilliancy	-3988 Aug 03 j 10:14	1° II 37'10 -4.8m
	-3990 Feb 18 j 09:07	0° \approx		-3988 Sep 09 j 21:31	0° E	
	-3990 Mar 14 j 18:39	0° H		morning max el	-3988 Sep 11 j 20:24	1° E 57'40 46°43'39
evening rise	-3990 Mar 23 j 21:58	11° H 12'40		asc. node	-3988 Sep 25 j 09:16	16° E 14'16
	-3990 Apr 08 j 06:02	0° Y		-3988 Oct 07 j 16:19	0° O	
asc. node	-3990 Apr 10 j 13:29	2° Y 49'40		-3988 Nov 02 j 05:05	0° M	
	-3990 May 02 j 19:25	0° B		-3988 Nov 26 j 23:14	0° E	
	-3990 May 27 j 11:14	0° II		-3988 Dec 21 j 11:52	0° M	
	-3990 Jun 21 j 06:46	0° E		desc. node	-3987 Jan 15 j 06:19	0° X 19'11
	-3990 Jul 16 j 08:59	0° O		-3987 Jan 15 j 00:03	0° X	
desc. node	-3990 Jul 31 j 08:58	17° O 39'54		-3987 Feb 08 j 12:56	0° Z	
	-3990 Aug 10 j 23:52	0° M		-3987 Mar 05 j 02:02	0° \approx	
	-3990 Sep 06 j 17:59	0° E		morning set	-3987 Mar 18 j 13:35	16° \approx 29'19
evening max el	-3990 Sep 20 j 01:38	13° E 58'46	47°35'39	-3987 Mar 29 j 14:30	0° H	
	-3990 Oct 06 j 23:25	0° M		max. Earth dist.	-3987 Apr 21 j 19:50	28° H 28'25 1.73690 AU
greatest brilliancy	-3990 Oct 30 j 22:33	15° M 48'05	-4.9m	-3987 Apr 23 j 01:40	0° Y	
retrograde	-3990 Nov 10 j 03:55	17° M 49'33				
asc. node	-3990 Nov 21 j 05:43	15° M 15'47		superior conj	-3987 Apr 23 j 17:22	0° Y 48'12 -0°32'46
evening set	-3990 Nov 24 j 17:27	13° M 30'33		minimum elong	-3987 Apr 23 j 23:21	1° Y 06'34 0°32'30
min. Earth dist.	-3990 Nov 29 j 23:31	10° M 22'43	0.26921 AU	asc. node	-3987 May 08 j 01:46	18° Y 26'43
inferior conj	-3990 Nov 30 j 21:19	9° M 48'42	2°24'23	-3987 May 17 j 11:02	0° B	
minimum elong	-3990 Nov 30 j 16:14	9° M 56'37	2°22'44	evening rise	-3987 May 29 j 09:15	14° B 42'15
morning rise	-3990 Dec 06 j 15:50	6° M 21'37		-3987 Jun 10 j 18:31	0° II	
direct	-3990 Dec 21 j 06:24	2° M 03'34		-3987 Jul 05 j 00:49	0° E	
greatest brilliancy	-3990 Dec 30 j 10:18	3° M 39'11	-4.8m	-3987 Jul 29 j 07:24	0° O	
	-3989 Feb 05 j 07:58	0° X		-3987 Aug 22 j 16:21	0° M	
morning max el	-3989 Feb 08 j 16:17	3° X 12'34	46°11'18	desc. node	-3987 Aug 27 j 21:13	6° M 22'39
	-3989 Mar 06 j 13:36	0° Z		-3987 Sep 16 j 06:14	0° E	
desc. node	-3989 Mar 13 j 03:40	7° Z 11'28		-3987 Oct 11 j 05:24	0° M	
	-3989 Apr 02 j 11:38	0° \approx		-3987 Nov 06 j 00:17	0° X	
	-3989 Apr 28 j 09:35	0° H		evening max el	-3987 Nov 30 j 06:27	26° X 15'06 46°48'41
	-3989 May 23 j 16:24	0° Y		-3987 Dec 04 j 00:05	0° Z	
	-3989 Jun 17 j 11:25	0° B		asc. node	-3987 Dec 18 j 17:27	13° Z 31'32
asc. node	-3989 Jul 04 j 00:09	20° B 17'39		greatest brilliancy	-3986 Jan 08 j 19:45	27° Z 05'28 -4.8m
	-3989 Jul 11 j 20:29	0° II		retrograde	-3986 Jan 19 j 17:50	29° Z 19'38
morning set	-3989 Aug 04 j 13:52	29° II 35'26		evening set	-3986 Feb 06 j 10:18	23° Z 12'53
	-3989 Aug 04 j 21:42	0° E		min. Earth dist.	-3986 Feb 09 j 13:57	21° Z 13'04 0.28972 AU
	-3989 Aug 28 j 17:59	0° O		inferior conj	-3986 Feb 10 j 00:50	20° Z 55'36 8°18'05
				minimum elong	-3986 Feb 09 j 23:55	20° Z 57'03 8°17'54
superior conj	-3989 Sep 12 j 07:01	18° O 21'00	1°17'05	morning rise	-3986 Feb 13 j 13:48	18° Z 41'17
minimum elong	-3989 Sep 12 j 15:02	18° O 46'17	1°17'02	direct	-3986 Mar 03 j 10:36	12° Z 36'46
max. Earth dist.	-3989 Sep 12 j 07:18	18° O 21'54	1.70938 AU	greatest brilliancy	-3986 Mar 12 j 14:06	14° Z 08'46 -4.7m
	-3989 Sep 21 j 12:32	0° M		-3986 Apr 07 j 08:29	0° \approx	
	-3989 Oct 15 j 07:59	0° E		desc. node	-3986 Apr 09 j 14:56	1° \approx 54'06
evening rise	-3989 Oct 23 j 23:41	10° E 52'34		morning max el	-3986 Apr 21 j 04:30	12° \approx 21'54 45°48'41
desc. node	-3989 Oct 23 j 19:44	10° E 40'11		-3986 May 08 j 18:26	0° H	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3986 Jun 05 j 04:18	0°♄			-3983 Feb 03 j 08:45	0°♁	
	-3986 Jul 01 j 01:00	0°♂	evening max el		-3983 Feb 09 j 01:32	5°♁39'01	45°26'11
	-3986 Jul 25 j 23:46	0°♂			-3983 Mar 11 j 10:01	0°♄	
asc. node	-3986 Jul 31 j 12:08	6°♂44'34	greatest brilliancy		-3983 Mar 18 j 21:45	3°♄30'38	-4.7m
	-3986 Aug 19 j 07:49	0°♂	retrograde		-3983 Mar 29 j 15:13	5°♄35'17	
	-3986 Sep 12 j 06:44	0°♂	evening set		-3983 Apr 14 j 10:14	0°♄48'48	
	-3986 Oct 06 j 01:33	0°♄			-3983 Apr 15 j 20:14	30°♁♁	
morning set	-3986 Oct 18 j 03:17	15°♄14'25	inferior conj		-3983 Apr 20 j 02:18	27°♁23'50	3°45'19
	-3986 Oct 29 j 20:16	0°♂	minimum elong		-3983 Apr 20 j 09:35	27°♁12'26	3°43'27
desc. node	-3986 Nov 20 j 08:01	27°♂00'31	min. Earth dist.		-3983 Apr 20 j 19:34	26°♁56'50	0.29139 AU
	-3986 Nov 22 j 17:17	0°♂	morning rise		-3983 Apr 26 j 08:28	23°♁37'33	
			desc. node		-3983 May 07 j 02:15	19°♁26'52	
superior conj	-3986 Nov 29 j 06:40	8°♂12'36	direct		-3983 May 11 j 21:25	18°♁59'35	
minimum elong	-3986 Nov 29 j 01:09	7°♂55'23	greatest brilliancy		-3983 May 22 j 19:25	21°♁07'02	-4.7m
max. Earth dist.	-3986 Dec 04 j 09:26	14°♂36'24			-3983 Jun 07 j 15:35	0°♄	
	-3986 Dec 16 j 17:26	0°♂	morning max el		-3983 Jun 30 j 04:09	19°♄21'01	46°06'03
evening rise	-3985 Jan 09 j 14:10	29°♂39'23			-3983 Jul 10 j 18:42	0°♂	
	-3985 Jan 09 j 20:50	0°♂			-3983 Aug 07 j 02:49	0°♂	
	-3985 Feb 03 j 03:54	0°♂	asc. node		-3983 Aug 27 j 23:53	24°♂30'21	
	-3985 Feb 27 j 15:51	0°♁			-3983 Sep 01 j 13:39	0°♂	
asc. node	-3985 Mar 13 j 03:14	16°♁21'43			-3983 Sep 26 j 02:16	0°♂	
	-3985 Mar 24 j 10:34	0°♄			-3983 Oct 20 j 04:23	0°♄	
	-3985 Apr 18 j 14:36	0°♂			-3983 Nov 13 j 03:27	0°♂	
	-3985 May 14 j 08:11	0°♂			-3983 Dec 07 j 03:42	0°♂	
	-3985 Jun 10 j 01:22	0°♂	desc. node		-3983 Dec 17 j 20:20	13°♂19'08	
desc. node	-3985 Jul 02 j 23:22	24°♂01'00			-3983 Dec 31 j 06:38	0°♂	
evening max el	-3985 Jul 06 j 07:26	27°♂17'52	morning set		-3982 Jan 03 j 11:02	3°♂56'53	
	-3985 Jul 09 j 02:46	0°♂			-3982 Jan 24 j 12:11	0°♂	
greatest brilliancy	-3985 Aug 16 j 06:14	27°♂09'43					
retrograde	-3985 Aug 25 j 03:59	28°♂38'26	superior conj		-3982 Feb 12 j 05:15	23°♂05'26	-1°23'37
evening set	-3985 Sep 11 j 10:58	23°♂01'15	minimum elong		-3982 Feb 12 j 05:06	23°♂04'59	1°23'48
inferior conj	-3985 Sep 14 j 20:36	20°♂59'19	max. Earth dist.		-3982 Feb 14 j 05:49	25°♂35'04	1.73191 AU
minimum elong	-3985 Sep 15 j 05:25	20°♂45'57			-3982 Feb 17 j 19:51	0°♂	
min. Earth dist.	-3985 Sep 15 j 06:43	20°♂44'00			-3982 Mar 14 j 05:23	0°♁	
morning rise	-3985 Sep 18 j 23:40	18°♂31'50	evening rise		-3982 Mar 21 j 15:55	9°♁07'37	
direct	-3985 Oct 05 j 06:37	13°♂21'14			-3982 Apr 07 j 16:53	0°♄	
greatest brilliancy	-3985 Oct 15 j 23:14	15°♂31'01	asc. node		-3982 Apr 09 j 15:32	2°♄22'39	
asc. node	-3985 Oct 23 j 20:26	19°♂27'00			-3982 May 02 j 06:32	0°♂	
	-3985 Nov 07 j 03:07	0°♄			-3982 May 26 j 22:47	0°♂	
morning max el	-3985 Nov 24 j 23:14	16°♄51'11			-3982 Jun 20 j 19:02	0°♂	
	-3985 Dec 07 j 10:41	0°♂			-3982 Jul 15 j 22:22	0°♂	
	-3984 Jan 03 j 04:10	0°♂	desc. node		-3982 Jul 30 j 11:06	17°♂04'14	
	-3984 Jan 28 j 21:46	0°♂			-3982 Aug 10 j 15:10	0°♄	
desc. node	-3984 Feb 12 j 18:08	17°♂32'45			-3982 Sep 06 j 13:20	0°♂	
	-3984 Feb 23 j 05:42	0°♂	evening max el		-3982 Sep 17 j 17:13	11°♂38'44	47°35'17
	-3984 Mar 19 j 07:50	0°♂			-3982 Oct 07 j 10:04	0°♂	
	-3984 Apr 13 j 04:58	0°♁	greatest brilliancy		-3982 Oct 28 j 13:05	13°♂22'20	-4.9m
	-3984 May 07 j 21:03	0°♄	retrograde		-3982 Nov 07 j 18:29	15°♂23'17	
morning set	-3984 May 24 j 10:29	20°♄17'16	asc. node		-3982 Nov 20 j 08:01	12°♂06'43	
	-3984 Jun 01 j 07:50	0°♂	evening set		-3982 Nov 22 j 06:31	11°♂05'39	
asc. node	-3984 Jun 04 j 14:07	4°♂01'23	min. Earth dist.		-3982 Nov 27 j 13:29	7°♂56'35	0.26857 AU
max. Earth dist.	-3984 Jun 25 j 04:58	29°♂33'42	inferior conj		-3982 Nov 28 j 10:45	7°♂23'29	2°02'09
	-3984 Jun 25 j 13:25	0°♂	minimum elong		-3982 Nov 28 j 06:23	7°♂30'17	2°00'44
			morning rise		-3982 Dec 04 j 07:08	3°♂54'26	
superior conj	-3984 Jun 29 j 14:54	5°♂03'12			-3982 Dec 14 j 18:40	30°♁♂	
minimum elong	-3984 Jun 29 j 06:17	4°♂36'23	direct		-3982 Dec 18 j 19:48	29°♂39'35	
	-3984 Jul 19 j 14:44	0°♂			-3982 Dec 22 j 23:03	0°♂	
evening rise	-3984 Aug 05 j 10:05	21°♂02'41	greatest brilliancy		-3982 Dec 27 j 23:44	1°♂15'44	-4.8m
	-3984 Aug 12 j 13:35	0°♂			-3981 Feb 05 j 07:53	0°♂	
	-3984 Sep 05 j 12:14	0°♄	morning max el		-3981 Feb 06 j 07:13	0°♂56'30	46°12'36
desc. node	-3984 Sep 24 j 09:25	23°♄35'45			-3981 Mar 06 j 05:51	0°♂	
	-3984 Sep 29 j 12:42	0°♂	desc. node		-3981 Mar 12 j 05:43	6°♂34'38	
	-3984 Oct 23 j 16:35	0°♂			-3981 Apr 02 j 01:12	0°♂	
	-3984 Nov 17 j 02:03	0°♂			-3981 Apr 27 j 21:51	0°♁	
	-3984 Dec 11 j 21:50	0°♂			-3981 May 23 j 03:59	0°♄	
	-3983 Jan 06 j 14:47	0°♂			-3981 Jun 16 j 22:37	0°♂	
asc. node	-3983 Jan 15 j 05:08	9°♂38'22	asc. node		-3981 Jul 03 j 02:19	19°♂50'15	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3981 Jul 11 j 07:30	0°♄		retrograde	-3978 Jan 17 j 10:13	27°♄07'52	
morning set	-3981 Aug 02 j 04:45	27°♄17'23		evening set	-3978 Feb 04 j 02:02	21°♄02'53	
	-3981 Aug 04 j 08:39	0°♄		min. Earth dist.	-3978 Feb 07 j 05:44	19°♄03'06	0.28919 AU
	-3981 Aug 28 j 04:57	0°♄		inferior conj	-3978 Feb 07 j 17:30	18°♄44'12	8°17'17
				minimum elong	-3978 Feb 07 j 15:52	18°♄46'48	8°17'05
superior conj	-3981 Sep 09 j 18:53	15°♄52'18	1°18'30	morning rise	-3978 Feb 11 j 05:57	16°♄30'32	
minimum elong	-3981 Sep 10 j 02:08	16°♄15'10	1°18'30	direct	-3978 Mar 01 j 02:02	10°♄26'11	
max. Earth dist.	-3981 Sep 09 j 11:08	15°♄27'50	1.70959 AU	greatest brilliancy	-3978 Mar 10 j 05:22	11°♄57'46	-4.7m
	-3981 Sep 20 j 23:35	0°♄			-3978 Apr 07 j 14:14	0°♄	
	-3981 Oct 14 j 19:07	0°♄		desc. node	-3978 Apr 08 j 17:01	0°♄57'34	
evening rise	-3981 Oct 21 j 08:04	8°♄13'07		morning max el	-3978 Apr 18 j 19:23	10°♄09'31	45°48'55
desc. node	-3981 Oct 22 j 21:49	10°♄11'40			-3978 May 08 j 11:47	0°♄	
	-3981 Nov 07 j 17:07	0°♄			-3978 Jun 04 j 18:19	0°♄	
	-3981 Dec 01 j 18:28	0°♄			-3978 Jun 30 j 13:36	0°♄	
	-3981 Dec 26 j 00:28	0°♄			-3978 Jul 25 j 11:41	0°♄	
	-3980 Jan 19 j 13:51	0°♄		asc. node	-3978 Jul 30 j 14:13	6°♄14'44	
asc. node	-3980 Feb 12 j 17:07	28°♄53'36			-3978 Aug 18 j 19:24	0°♄	
	-3980 Feb 13 j 15:38	0°♄			-3978 Sep 11 j 18:10	0°♄	
	-3980 Mar 10 j 14:35	0°♄			-3978 Oct 05 j 12:55	0°♄	
	-3980 Apr 07 j 06:12	0°♄		morning set	-3978 Oct 15 j 13:30	12°♄39'23	
evening max el	-3980 Apr 21 j 02:06	13°♄44'10	45°13'28		-3978 Oct 29 j 07:35	0°♄	
	-3980 May 09 j 22:52	0°♄		desc. node	-3978 Nov 19 j 10:14	26°♄32'10	
greatest brilliancy	-3980 May 29 j 06:39	11°♄07'57	-4.7m		-3978 Nov 22 j 04:33	0°♄	
desc. node	-3980 Jun 03 j 13:57	12°♄32'29					
retrograde	-3980 Jun 08 j 12:19	12°♄59'23		superior conj	-3978 Nov 26 j 15:43	5°♄35'37	-0°16'46
evening set	-3980 Jun 23 j 22:40	8°♄31'03		minimum elong	-3978 Nov 26 j 11:11	5°♄21'25	0°16'39
inferior conj	-3980 Jun 29 j 16:34	5°♄08'56	-5°42'42	max. Earth dist.	-3978 Dec 01 j 16:23	11°♄53'01	1.71523 AU
minimum elong	-3980 Jun 29 j 06:26	5°♄24'23	5°40'15		-3978 Dec 16 j 04:39	0°♄	
min. Earth dist.	-3980 Jun 30 j 00:11	4°♄57'19	0.27996 AU	evening rise	-3977 Jan 07 j 02:23	27°♄13'47	
morning rise	-3980 Jul 04 j 13:42	2°♄14'31			-3977 Jan 09 j 08:01	0°♄	
	-3980 Jul 08 j 21:56	30°♄8'			-3977 Feb 02 j 15:08	0°♄	
direct	-3980 Jul 21 j 01:41	27°♄07'25			-3977 Feb 27 j 03:16	0°♄	
greatest brilliancy	-3980 Aug 01 j 01:32	29°♄19'50	-4.8m	asc. node	-3977 Mar 12 j 05:21	15°♄52'55	
	-3980 Aug 02 j 16:53	0°♄			-3977 Mar 23 j 22:25	0°♄	
morning max el	-3980 Sep 09 j 09:19	29°♄32'30	46°42'38		-3977 Apr 18 j 03:14	0°♄	
	-3980 Sep 09 j 20:12	0°♄			-3977 May 13 j 22:17	0°♄	
asc. node	-3980 Sep 24 j 11:20	15°♄29'39			-3977 Jun 09 j 18:31	0°♄	
	-3980 Oct 07 j 08:38	0°♄		desc. node	-3977 Jul 02 j 01:25	23°♄09'31	
	-3980 Nov 01 j 19:07	0°♄		evening max el	-3977 Jul 03 j 19:27	24°♄52'11	46°25'53
	-3980 Nov 26 j 12:07	0°♄			-3977 Jul 09 j 04:43	0°♄	
	-3980 Dec 21 j 00:01	0°♄		greatest brilliancy	-3977 Aug 13 j 17:43	24°♄40'43	-4.9m
desc. node	-3979 Jan 14 j 08:22	29°♄49'45		retrograde	-3977 Aug 22 j 15:48	26°♄09'53	
	-3979 Jan 14 j 11:43	0°♄		evening set	-3977 Sep 09 j 01:51	20°♄28'02	
	-3979 Feb 08 j 00:14	0°♄		inferior conj	-3977 Sep 12 j 08:43	18°♄30'24	-8°14'46
	-3979 Mar 04 j 13:02	0°♄		minimum elong	-3977 Sep 12 j 16:56	18°♄17'58	8°13'35
morning set	-3979 Mar 16 j 07:22	14°♄23'33		min. Earth dist.	-3977 Sep 12 j 19:11	18°♄14'35	0.26717 AU
	-3979 Mar 29 j 01:19	0°♄		morning rise	-3977 Sep 16 j 07:49	16°♄08'53	
max. Earth dist.	-3979 Apr 19 j 16:49	26°♄32'33	1.73701 AU	direct	-3977 Oct 02 j 19:15	10°♄51'22	
				greatest brilliancy	-3977 Oct 13 j 13:03	13°♄02'32	-4.9m
superior conj	-3979 Apr 21 j 12:31	28°♄46'41	-0°35'31	asc. node	-3977 Oct 22 j 22:44	17°♄55'16	
minimum elong	-3979 Apr 21 j 18:55	29°♄06'19	0°35'15		-3977 Nov 07 j 12:43	0°♄	
	-3979 Apr 22 j 12:24	0°♄		morning max el	-3977 Nov 22 j 13:06	14°♄24'48	46°48'27
asc. node	-3979 May 07 j 04:01	18°♄00'28			-3977 Dec 07 j 05:58	0°♄	
	-3979 May 16 j 21:50	0°♄			-3976 Jan 02 j 19:33	0°♄	
evening rise	-3979 May 27 j 04:50	12°♄41'03			-3976 Jan 28 j 11:19	0°♄	
	-3979 Jun 10 j 05:31	0°♄		desc. node	-3976 Feb 11 j 20:13	17°♄00'47	
	-3979 Jul 04 j 12:08	0°♄			-3976 Feb 22 j 18:11	0°♄	
	-3979 Jul 28 j 19:08	0°♄			-3976 Mar 18 j 19:38	0°♄	
	-3979 Aug 22 j 04:36	0°♄			-3976 Apr 12 j 16:20	0°♄	
desc. node	-3979 Aug 26 j 23:13	5°♄50'50			-3976 May 07 j 08:10	0°♄	
	-3979 Sep 15 j 19:13	0°♄		morning set	-3976 May 22 j 05:27	18°♄14'11	
	-3979 Oct 10 j 19:34	0°♄			-3976 May 31 j 18:50	0°♄	
	-3979 Nov 05 j 16:49	0°♄		asc. node	-3976 Jun 03 j 16:18	3°♄34'15	
evening max el	-3979 Nov 27 j 21:02	23°♄55'02	46°51'38	max. Earth dist.	-3976 Jun 23 j 01:12	27°♄33'17	1.72559 AU
	-3979 Dec 03 j 23:36	0°♄			-3976 Jun 25 j 00:25	0°♄	
asc. node	-3979 Dec 17 j 19:37	12°♄27'07					
greatest brilliancy	-3978 Jan 06 j 13:27	24°♄54'19	-4.8m	superior conj	-3976 Jun 27 j 08:52	2°♄55'31	0°51'50

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3976 Jun 27 j 00:26	2° Π 29'16	0°51'40		-3974 Dec 04 j 18:43	30° κ $\underline{\Omega}$	
	-3976 Jul 19 j 01:49	0° $\underline{\Omega}$		direct	-3974 Dec 16 j 09:20	27° $\underline{\Omega}$ 14'35	
evening rise	-3976 Aug 03 j 01:33	18° $\underline{\Omega}$ 45'44		greatest brilliancy	-3974 Dec 25 j 13:26	28° $\underline{\Omega}$ 51'07	-4.9m
	-3976 Aug 12 j 00:50	0° Ω			-3974 Dec 28 j 13:27	0° \mathbb{M}	
	-3976 Sep 04 j 23:44	0° \mathbb{M}		morning max el	-3973 Feb 03 j 21:20	28° \mathbb{M} 36'51	46°13'45
desc. node	-3976 Sep 23 j 11:34	23° \mathbb{M} 05'47			-3973 Feb 05 j 07:20	0° \mathcal{X}	
	-3976 Sep 29 j 00:30	0° $\underline{\Omega}$			-3973 Mar 05 j 22:20	0° $\underline{\Omega}$	
	-3976 Oct 23 j 04:45	0° \mathbb{M}		desc. node	-3973 Mar 11 j 07:53	5° $\underline{\Omega}$ 57'01	
	-3976 Nov 16 j 14:42	0° \mathcal{X}			-3973 Apr 01 j 15:06	0° \approx	
	-3976 Dec 11 j 11:19	0° $\underline{\Omega}$			-3973 Apr 27 j 10:27	0° \mathcal{H}	
	-3975 Jan 06 j 06:05	0° \approx			-3973 May 22 j 15:51	0° \mathcal{Y}	
asc. node	-3975 Jan 14 j 07:13	8° \approx 59'05			-3973 Jun 16 j 10:05	0° \mathcal{B}	
	-3975 Feb 03 j 05:13	0° \mathcal{H}		asc. node	-3973 Jul 02 j 04:18	19° \mathcal{B} 21'29	
evening max el	-3975 Feb 06 j 17:44	3° \mathcal{H} 28'10	45°28'21		-3973 Jul 10 j 18:45	0° Π	
	-3975 Mar 13 j 06:33	0° \mathcal{Y}		morning set	-3973 Jul 30 j 19:51	24° Π 59'18	
greatest brilliancy	-3975 Mar 16 j 13:38	1° \mathcal{Y} 22'12	-4.7m		-3973 Aug 03 j 19:51	0° $\underline{\Omega}$	
retrograde	-3975 Mar 27 j 08:24	3° \mathcal{Y} 27'46			-3973 Aug 27 j 16:11	0° Ω	
	-3975 Apr 09 j 15:29	30° κ \mathcal{H}		max. Earth dist.	-3973 Sep 06 j 13:20	12° Ω 27'54	1.70982 AU
evening set	-3975 Apr 12 j 05:08	28° \mathcal{H} 37'46					
inferior conj	-3975 Apr 17 j 19:00	25° \mathcal{H} 15'24	4°02'01	superior conj	-3973 Sep 07 j 07:20	13° Ω 24'40	1°19'44
minimum elong	-3975 Apr 18 j 02:41	25° \mathcal{H} 03'23	4°00'06	minimum elong	-3973 Sep 07 j 13:48	13° Ω 45'04	1°19'47
min. Earth dist.	-3975 Apr 18 j 11:40	24° \mathcal{H} 49'19	0.29167 AU		-3973 Sep 20 j 10:52	0° \mathbb{M}	
morning rise	-3975 Apr 23 j 23:53	21° \mathcal{H} 30'58			-3973 Oct 14 j 06:29	0° $\underline{\Omega}$	
desc. node	-3975 May 06 j 04:32	17° \mathcal{H} 04'40		evening rise	-3973 Oct 18 j 16:54	5° $\underline{\Omega}$ 34'24	
direct	-3975 May 09 j 14:42	16° \mathcal{H} 50'48		desc. node	-3973 Oct 22 j 00:02	9° $\underline{\Omega}$ 42'50	
greatest brilliancy	-3975 May 20 j 10:51	18° \mathcal{H} 57'04	-4.7m		-3973 Nov 07 j 04:33	0° \mathbb{M}	
	-3975 Jun 08 j 06:01	0° \mathcal{Y}			-3973 Dec 01 j 06:01	0° \mathcal{X}	
morning max el	-3975 Jun 27 j 21:16	17° \mathcal{Y} 12'16	46°04'57		-3973 Dec 25 j 12:15	0° $\underline{\Omega}$	
	-3975 Jul 10 j 13:34	0° \mathcal{B}			-3972 Jan 19 j 02:03	0° \approx	
	-3975 Aug 06 j 17:38	0° Π		asc. node	-3972 Feb 11 j 19:13	28° \approx 21'33	
asc. node	-3975 Aug 27 j 02:00	23° Π 56'34			-3972 Feb 13 j 04:38	0° \mathcal{H}	
	-3975 Sep 01 j 02:51	0° $\underline{\Omega}$			-3972 Mar 10 j 05:19	0° \mathcal{Y}	
	-3975 Sep 25 j 14:40	0° Ω			-3972 Apr 07 j 01:17	0° \mathcal{B}	
	-3975 Oct 19 j 16:23	0° \mathbb{M}		evening max el	-3972 Apr 18 j 16:23	11° \mathcal{B} 28'42	45°12'19
	-3975 Nov 12 j 15:14	0° $\underline{\Omega}$			-3972 May 10 j 15:13	0° Π	
	-3975 Dec 06 j 15:17	0° \mathbb{M}		greatest brilliancy	-3972 May 26 j 20:32	8° Π 52'03	-4.7m
desc. node	-3975 Dec 16 j 22:23	12° \mathbb{M} 49'43		desc. node	-3972 Jun 02 j 15:59	10° Π 30'31	
	-3975 Dec 30 j 18:03	0° \mathcal{X}		retrograde	-3972 Jun 06 j 01:53	10° Π 43'34	
morning set	-3975 Dec 31 j 22:20	1° \mathcal{X} 27'42		evening set	-3972 Jun 21 j 10:32	6° Π 18'20	
	-3974 Jan 23 j 23:26	0° $\underline{\Omega}$		inferior conj	-3972 Jun 27 j 07:05	2° Π 52'40	-5°25'57
				minimum elong	-3972 Jun 26 j 21:08	3° Π 07'50	5°23'27
superior conj	-3974 Feb 09 j 20:16	20° $\underline{\Omega}$ 49'22	-1°23'33	min. Earth dist.	-3972 Jun 27 j 15:20	2° Π 40'04	0.28037 AU
minimum elong	-3974 Feb 09 j 19:20	20° $\underline{\Omega}$ 46'28	1°23'43	morning rise	-3972 Jul 02 j 07:10	29° \mathcal{B} 53'46	
max. Earth dist.	-3974 Feb 12 j 01:16	23° $\underline{\Omega}$ 32'44	1.73147 AU		-3972 Jul 02 j 02:46	30° κ \mathcal{B}	
	-3974 Feb 17 j 06:59	0° \approx		direct	-3972 Jul 18 j 16:17	24° \mathcal{B} 50'11	
	-3974 Mar 13 j 16:30	0° \mathcal{H}		greatest brilliancy	-3972 Jul 29 j 17:27	27° \mathcal{B} 03'07	-4.8m
evening rise	-3974 Mar 19 j 09:29	7° \mathcal{H} 00'14			-3972 Aug 04 j 23:42	0° Π	
greatest brilliancy	-3974 Mar 19 j 16:45	7° \mathcal{H} 22'31	-3.9m	morning max el	-3972 Sep 06 j 22:17	27° Π 07'06	46°41'41
	-3974 Apr 07 j 04:06	0° \mathcal{Y}			-3972 Sep 09 j 18:11	0° $\underline{\Omega}$	
asc. node	-3974 Apr 08 j 17:45	1° \mathcal{Y} 55'06		asc. node	-3972 Sep 23 j 13:34	14° $\underline{\Omega}$ 45'40	
	-3974 May 01 j 18:00	0° \mathcal{B}			-3972 Oct 07 j 00:49	0° Ω	
	-3974 May 26 j 10:43	0° Π			-3972 Nov 01 j 09:09	0° \mathbb{M}	
	-3974 Jun 20 j 07:41	0° $\underline{\Omega}$			-3972 Nov 26 j 01:01	0° $\underline{\Omega}$	
	-3974 Jul 15 j 12:08	0° Ω			-3972 Dec 20 j 12:14	0° \mathbb{M}	
desc. node	-3974 Jul 29 j 13:10	16° Ω 27'25		desc. node	-3971 Jan 13 j 10:25	29° \mathbb{M} 20'04	
	-3974 Aug 10 j 06:55	0° \mathbb{M}			-3971 Jan 13 j 23:28	0° \mathcal{X}	
	-3974 Sep 06 j 09:28	0° $\underline{\Omega}$			-3971 Feb 07 j 11:39	0° $\underline{\Omega}$	
evening max el	-3974 Sep 15 j 08:55	9° $\underline{\Omega}$ 18'24	47°34'39		-3971 Mar 04 j 00:13	0° \approx	
	-3974 Oct 08 j 00:34	0° \mathbb{M}		morning set	-3971 Mar 14 j 00:47	12° \approx 16'04	
greatest brilliancy	-3974 Oct 26 j 03:43	10° \mathbb{M} 56'01	-4.9m		-3971 Mar 28 j 12:21	0° \mathcal{H}	
retrograde	-3974 Nov 05 j 08:35	12° \mathbb{M} 55'52		max. Earth dist.	-3971 Apr 17 j 12:22	24° \mathcal{H} 31'39	1.73713 AU
asc. node	-3974 Nov 19 j 10:08	8° \mathbb{M} 52'48					
evening set	-3974 Nov 19 j 19:49	8° \mathbb{M} 39'36		superior conj	-3971 Apr 19 j 07:22	26° \mathcal{H} 43'37	-0°38'15
min. Earth dist.	-3974 Nov 25 j 03:38	5° \mathbb{M} 29'11	0.26801 AU	minimum elong	-3971 Apr 19 j 14:09	27° \mathcal{H} 04'27	0°37'59
inferior conj	-3974 Nov 26 j 00:08	4° \mathbb{M} 57'15	1°39'40		-3971 Apr 21 j 23:21	0° \mathcal{Y}	
minimum elong	-3974 Nov 25 j 20:33	5° \mathbb{M} 02'51	1°38'27	asc. node	-3971 May 06 j 06:07	17° \mathcal{Y} 33'11	
morning rise	-3974 Dec 01 j 22:13	1° \mathbb{M} 26'11			-3971 May 16 j 08:49	0° \mathcal{B}	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3971 May 25 j 00:08	10° U 38'32			-3969 Dec 07 j 00:33	0° U		
	-3971 Jun 09 j 16:41	0° II			-3968 Jan 02 j 10:33	0° III		
	-3971 Jul 03 j 23:36	0° G			-3968 Jan 28 j 00:35	0° A		
	-3971 Jul 28 j 07:00	0° Q		desc. node	-3968 Feb 10 j 22:21	16° A 29'40		
	-3971 Aug 21 j 17:00	0° P			-3968 Feb 22 j 06:25	0° Z		
desc. node	-3971 Aug 26 j 01:21	5° P 19'03			-3968 Mar 18 j 07:11	0° \approx		
	-3971 Sep 15 j 08:23	0° U			-3968 Apr 12 j 03:29	0° H		
	-3971 Oct 10 j 09:59	0° III			-3968 May 06 j 19:05	0° Y		
	-3971 Nov 05 j 09:44	0° A		morning set	-3968 May 20 j 00:20	16° Y 11'29		
evening max el	-3971 Nov 25 j 11:16	21° A 33'55	46°54'36		-3968 May 31 j 05:40	0° B		
	-3971 Dec 04 j 00:15	0° Z		asc. node	-3968 Jun 02 j 18:18	3° B 06'59		
asc. node	-3971 Dec 16 j 21:40	11° Z 20'47		max. Earth dist.	-3968 Jun 20 j 19:41	25° B 27'59	1.72618 AU	
greatest brilliancy	-3970 Jan 04 j 06:34	22° Z 42'09	-4.8m		-3968 Jun 24 j 11:17	0° II		
retrograde	-3970 Jan 15 j 02:47	24° Z 55'57						
evening set	-3970 Feb 01 j 17:23	18° Z 52'51		superior conj	-3968 Jun 25 j 02:38	0° II 47'44	0°49'18	
inferior conj	-3970 Feb 05 j 10:06	16° Z 32'27	8°15'45	minimum elong	-3968 Jun 24 j 18:26	0° II 22'13	0°49'07	
minimum elong	-3970 Feb 05 j 07:45	16° Z 36'12	8°15'30		-3968 Jul 18 j 12:46	0° G		
min. Earth dist.	-3970 Feb 04 j 21:20	16° Z 52'56	0.28870 AU	evening rise	-3968 Jul 31 j 16:47	16° G 28'31		
morning rise	-3970 Feb 08 j 22:21	14° Z 19'10			-3968 Aug 11 j 11:58	0° Q		
direct	-3970 Feb 26 j 17:18	8° Z 15'08			-3968 Sep 04 j 11:05	0° P		
greatest brilliancy	-3970 Mar 07 j 20:44	9° Z 46'41	-4.7m	desc. node	-3968 Sep 22 j 13:43	22° P 36'33		
desc. node	-3970 Apr 07 j 19:17	0° \approx 02'24			-3968 Sep 28 j 12:07	0° U		
	-3970 Apr 07 j 18:11	0° \approx			-3968 Oct 22 j 16:42	0° III		
morning max el	-3970 Apr 16 j 10:44	7° \approx 57'58	45°49'06		-3968 Nov 16 j 03:08	0° A		
	-3970 May 08 j 04:53	0° H			-3968 Dec 11 j 00:39	0° Z		
	-3970 Jun 04 j 08:19	0° Y			-3967 Jan 05 j 21:20	0° \approx		
	-3970 Jun 30 j 02:13	0° B		asc. node	-3967 Jan 13 j 09:24	8° \approx 20'27		
	-3970 Jul 24 j 23:36	0° II			-3967 Feb 03 j 02:03	0° H		
asc. node	-3970 Jul 29 j 16:23	5° II 45'10		evening max el	-3967 Feb 04 j 10:12	1° H 18'41	45°30'33	
	-3970 Aug 18 j 06:58	0° G		greatest brilliancy	-3967 Mar 14 j 06:10	29° H 15'29	-4.7m	
	-3970 Sep 11 j 05:33	0° Q			-3967 Mar 16 j 11:01	0° Y		
	-3970 Oct 05 j 00:12	0° P		retrograde	-3967 Mar 25 j 01:22	1° Y 21'08		
morning set	-3970 Oct 12 j 23:47	10° P 04'46			-3967 Apr 02 j 07:13	30° R H		
	-3970 Oct 28 j 18:50	0° U		evening set	-3967 Apr 10 j 00:09	26° H 27'53		
desc. node	-3970 Nov 18 j 12:13	26° U 03'10		inferior conj	-3967 Apr 15 j 11:45	23° H 08'05	4°18'17	
	-3970 Nov 21 j 15:46	0° III		minimum elong	-3967 Apr 15 j 19:45	22° H 55'32	4°16'20	
				min. Earth dist.	-3967 Apr 16 j 03:46	22° H 42'58	0.29191 AU	
superior conj	-3970 Nov 24 j 00:44	2° III 58'30	-0°12'51	morning rise	-3967 Apr 21 j 15:08	19° H 25'31		
minimum elong	-3970 Nov 23 j 21:14	2° III 47'30	0°12'45	desc. node	-3967 May 05 j 06:30	14° H 48'21		
behind sun begin	-3970 Nov 23 j 04:05	1° III 53'46		direct	-3967 May 07 j 08:05	14° H 43'20		
behind sun end	-3970 Nov 24 j 14:22	3° III 41'13		greatest brilliancy	-3967 May 18 j 01:52	16° H 47'42	-4.7m	
max. Earth dist.	-3970 Nov 28 j 21:50	9° III 04'59	1.71469 AU		-3967 Jun 08 j 16:20	0° Y		
	-3970 Dec 15 j 15:49	0° A		morning max el	-3967 Jun 25 j 13:37	15° Y 02'33	46°03'39	
evening rise	-3969 Jan 04 j 14:36	24° A 48'26			-3967 Jul 10 j 07:40	0° B		
	-3969 Jan 08 j 19:08	0° Z			-3967 Aug 06 j 08:04	0° II		
	-3969 Feb 02 j 02:17	0° \approx		asc. node	-3967 Aug 26 j 04:12	23° II 23'43		
	-3969 Feb 26 j 14:37	0° H			-3967 Aug 31 j 15:46	0° G		
asc. node	-3969 Mar 11 j 07:34	15° H 24'43			-3967 Sep 25 j 02:51	0° Q		
	-3969 Mar 23 j 10:12	0° Y			-3967 Oct 19 j 04:08	0° P		
	-3969 Apr 17 j 15:53	0° B			-3967 Nov 12 j 02:42	0° U		
	-3969 May 13 j 12:31	0° II			-3967 Dec 06 j 02:32	0° III		
	-3969 Jun 09 j 12:01	0° G		desc. node	-3967 Dec 16 j 00:26	12° III 21'18		
desc. node	-3969 Jul 01 j 03:32	22° G 17'16		morning set	-3967 Dec 29 j 09:29	28° III 59'05		
evening max el	-3969 Jul 01 j 08:21	22° G 28'57	46°22'46		-3967 Dec 30 j 05:07	0° A		
	-3969 Jul 09 j 08:07	0° Q			-3966 Jan 23 j 10:21	0° Z		
greatest brilliancy	-3969 Aug 11 j 04:34	22° Q 11'35	-4.9m					
retrograde	-3969 Aug 20 j 04:08	23° Q 41'43		superior conj	-3966 Feb 07 j 11:11	18° Z 33'48	-1°23'20	
evening set	-3969 Sep 06 j 16:32	17° Q 55'33		minimum elong	-3966 Feb 07 j 09:25	18° Z 28'22	1°23'29	
inferior conj	-3969 Sep 09 j 20:47	16° Q 01'51	-8°23'41	max. Earth dist.	-3966 Feb 09 j 21:38	21° Z 34'04	1.73101 AU	
minimum elong	-3969 Sep 10 j 04:20	15° Q 50'28	8°22'41		-3966 Feb 16 j 17:49	0° \approx		
min. Earth dist.	-3969 Sep 10 j 07:07	15° Q 46'16	0.26758 AU		-3966 Mar 13 j 03:19	0° H		
morning rise	-3969 Sep 13 j 15:59	13° Q 46'17		evening rise	-3966 Mar 17 j 02:59	4° H 53'33		
direct	-3969 Sep 30 j 08:23	8° Q 22'12		greatest brilliancy	-3966 Mar 18 j 01:19	6° H 02'03	-3.9m	
greatest brilliancy	-3969 Oct 11 j 02:06	10° Q 33'49	-4.9m		-3966 Apr 06 j 15:00	0° Y		
asc. node	-3969 Oct 22 j 00:53	16° Q 27'07		asc. node	-3966 Apr 07 j 19:51	1° Y 28'11		
	-3969 Nov 07 j 19:31	0° P			-3966 May 01 j 05:09	0° B		
morning max el	-3969 Nov 20 j 03:25	12° P 00'12	46°49'05		-3966 May 25 j 22:19	0° II		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3966 Jun 19 j 20:03	0°☿				-3964 Nov 25 j 13:39	0°♊		
	-3966 Jul 15 j 01:45	0°♋				-3964 Dec 20 j 00:14	0°♌		
desc. node	-3966 Jul 28 j 15:19	15°♋51'20		desc. node	-3963 Jan 12 j 12:38	28°♌51'28			
	-3966 Aug 09 j 22:41	0°♍			-3963 Jan 13 j 11:00	0°♎			
	-3966 Sep 06 j 06:02	0°♏			-3963 Feb 06 j 22:50	0°♐			
evening max el	-3966 Sep 12 j 23:47	6°♏56'20	47°33'48		-3963 Mar 03 j 11:08	0°♑			
	-3966 Oct 08 j 19:40	0°♒		morning set	-3963 Mar 11 j 17:55	10°♑08'29			
greatest brilliancy	-3966 Oct 23 j 18:48	8°♒30'19	-4.9m		-3963 Mar 27 j 23:04	0°♒			
retrograde	-3966 Nov 02 j 22:03	10°♒28'16		max. Earth dist.	-3963 Apr 15 j 09:08	22°♒35'23	1.73724 AU		
evening set	-3966 Nov 17 j 09:06	6°♒13'18							
asc. node	-3966 Nov 18 j 12:10	5°♒35'13		superior conj	-3963 Apr 17 j 02:11	24°♒41'18	-0°40'56		
min. Earth dist.	-3966 Nov 22 j 17:55	3°♒01'21	0.26743 AU	minimum elong	-3963 Apr 17 j 09:19	25°♒03'14	0°40'39		
inferior conj	-3966 Nov 23 j 13:19	2°♒31'07	1°16'43		-3963 Apr 21 j 10:02	0°♓			
minimum elong	-3966 Nov 23 j 10:32	2°♒35'27	1°15'45	asc. node	-3963 May 05 j 08:08	17°♓06'28			
	-3966 Nov 27 j 16:46	30°♓♊			-3963 May 15 j 19:33	0°♈			
morning rise	-3966 Nov 29 j 12:53	28°♊58'03		evening rise	-3963 May 22 j 19:37	8°♈37'27			
direct	-3966 Dec 13 j 22:11	24°♊49'44			-3963 Jun 09 j 03:36	0°♉			
greatest brilliancy	-3966 Dec 23 j 03:20	26°♊27'00	-4.9m		-3963 Jul 03 j 10:48	0°♊			
	-3966 Dec 30 j 23:52	0°♋			-3963 Jul 27 j 18:36	0°♋			
morning max el	-3965 Feb 01 j 10:16	26°♋15'02	46°14'59		-3963 Aug 21 j 05:09	0°♌			
	-3965 Feb 05 j 05:26	0°♍		desc. node	-3963 Aug 25 j 03:32	4°♌48'13			
	-3965 Mar 05 j 14:09	0°♎			-3963 Sep 14 j 21:21	0°♍			
desc. node	-3965 Mar 10 j 10:02	5°♎20'50			-3963 Oct 10 j 00:17	0°♌			
	-3965 Apr 01 j 04:30	0°♏			-3963 Nov 05 j 02:48	0°♎			
	-3965 Apr 26 j 22:38	0°♐		evening max el	-3963 Nov 23 j 02:07	19°♎14'34	46°57'27		
	-3965 May 22 j 03:20	0°♑			-3963 Dec 04 j 02:07	0°♐			
	-3965 Jun 15 j 21:10	0°♒		asc. node	-3963 Dec 15 j 23:54	10°♐13'04			
asc. node	-3965 Jul 01 j 06:32	18°♒54'35		greatest brilliancy	-3962 Jan 01 j 23:05	20°♐28'54	-4.8m		
	-3965 Jul 10 j 05:39	0°♓		retrograde	-3962 Jan 12 j 19:40	22°♐43'34			
morning set	-3965 Jul 28 j 11:08	22°♓42'54		evening set	-3962 Jan 30 j 08:16	16°♐42'37			
	-3965 Aug 03 j 06:43	0°♊		min. Earth dist.	-3962 Feb 02 j 12:28	14°♐42'36	0.28815 AU		
	-3965 Aug 27 j 03:07	0°♋		inferior conj	-3962 Feb 03 j 02:28	14°♐20'10	8°13'27		
max. Earth dist.	-3965 Sep 03 j 16:35	9°♋32'12	1.71017 AU	minimum elong	-3962 Feb 02 j 23:27	14°♐25'00	8°13'08		
				morning rise	-3962 Feb 06 j 14:52	12°♐06'54			
superior conj	-3965 Sep 04 j 19:49	10°♋58'04	1°20'50	direct	-3962 Feb 24 j 08:32	6°♐03'36			
minimum elong	-3965 Sep 05 j 01:28	11°♋15'54	1°20'54	greatest brilliancy	-3962 Mar 05 j 11:29	7°♐34'57	-4.7m		
	-3965 Sep 19 j 21:54	0°♍		desc. node	-3962 Apr 06 j 21:17	29°♐08'15			
	-3965 Oct 13 j 17:36	0°♏			-3962 Apr 07 j 20:22	0°♑			
evening rise	-3965 Oct 16 j 01:24	2°♏55'19		morning max el	-3962 Apr 14 j 02:45	5°♑48'26	45°49'24		
desc. node	-3965 Oct 21 j 02:01	9°♏14'03			-3962 May 07 j 21:27	0°♒			
	-3965 Nov 06 j 15:46	0°♐			-3962 Jun 03 j 21:58	0°♓			
	-3965 Nov 30 j 17:21	0°♑			-3962 Jun 29 j 14:35	0°♈			
	-3965 Dec 24 j 23:46	0°♒			-3962 Jul 24 j 11:19	0°♉			
	-3964 Jan 18 j 13:58	0°♓		asc. node	-3962 Jul 28 j 18:31	5°♉16'03			
asc. node	-3964 Feb 10 j 21:26	27°♓50'45			-3962 Aug 17 j 18:20	0°♊			
	-3964 Feb 12 j 17:23	0°♋		greatest brilliancy	-3962 Aug 25 j 13:25	9°♊44'11	-3.9m		
	-3964 Mar 09 j 19:52	0°♌			-3962 Sep 10 j 16:44	0°♋			
	-3964 Apr 06 j 20:30	0°♍			-3962 Oct 04 j 11:18	0°♌			
evening max el	-3964 Apr 16 j 06:21	9°♍13'39	45°11'19	morning set	-3962 Oct 10 j 10:40	7°♌32'34			
	-3964 May 11 j 12:24	0°♎			-3962 Oct 28 j 05:54	0°♍			
greatest brilliancy	-3964 May 24 j 10:15	6°♎37'19	-4.7m	desc. node	-3962 Nov 17 j 14:20	25°♍35'05			
desc. node	-3964 Jun 01 j 18:06	8°♎25'24							
retrograde	-3964 Jun 03 j 15:56	8°♎29'32		superior conj	-3962 Nov 21 j 09:50	0°♎22'00	-0°08'54		
evening set	-3964 Jun 18 j 22:42	4°♎06'47		minimum elong	-3962 Nov 21 j 07:23	0°♎14'17	0°08'52		
inferior conj	-3964 Jun 24 j 21:44	0°♎38'01	-5°08'45	behind sun begin	-3962 Nov 20 j 08:19	29°♎01'59			
minimum elong	-3964 Jun 24 j 12:03	0°♎52'47	5°06'14	behind sun end	-3962 Nov 22 j 06:27	1°♏26'35			
min. Earth dist.	-3964 Jun 25 j 06:35	0°♏24'30	0.28080 AU		-3962 Nov 21 j 02:49	0°♐			
	-3964 Jun 25 j 22:39	30°♏♊		max. Earth dist.	-3962 Nov 26 j 05:09	6°♐23'08	1.71423 AU		
morning rise	-3964 Jun 30 j 00:44	27°♊34'54			-3962 Dec 15 j 02:51	0°♑			
direct	-3964 Jul 16 j 06:50	22°♊34'26		evening rise	-3961 Jan 02 j 02:38	22°♑22'39			
greatest brilliancy	-3964 Jul 27 j 09:37	24°♊48'23	-4.8m		-3961 Jan 08 j 06:11	0°♒			
	-3964 Aug 06 j 10:37	0°♋			-3961 Feb 01 j 13:23	0°♓			
morning max el	-3964 Sep 04 j 12:00	24°♋44'56	46°40'39		-3961 Feb 26 j 01:55	0°♌			
	-3964 Sep 09 j 14:57	0°♌		asc. node	-3961 Mar 10 j 09:36	14°♌56'08			
asc. node	-3964 Sep 22 j 15:42	14°♌03'03			-3961 Mar 22 j 21:58	0°♍			
	-3964 Oct 06 j 16:27	0°♍			-3961 Apr 17 j 04:32	0°♎			
	-3964 Oct 31 j 22:49	0°♏			-3961 May 13 j 02:49	0°♐			

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3961 Jun 09 j 05:49	0°☿			-3959 Dec 29 j 16:19	0°♄	
evening max el	-3961 Jun 28 j 22:12	20°☿08'29	46°19'36		-3958 Jan 22 j 21:24	0°♄	
desc. node	-3961 Jun 30 j 05:45	21°☿24'31					
	-3961 Jul 09 j 13:09	0°♁		superior conj	-3958 Feb 05 j 02:12	16°♄18'12	-1°22'59
greatest brilliancy	-3961 Aug 08 j 15:18	19°♁42'59	-4.9m	minimum elong	-3958 Feb 04 j 23:38	16°♄10'16	1°23'08
retrograde	-3961 Aug 17 j 16:35	21°♁14'00		max. Earth dist.	-3958 Feb 07 j 18:21	19°♄36'02	1.73053 AU
evening set	-3961 Sep 04 j 07:06	15°♁24'07			-3958 Feb 16 j 04:46	0°♁	
inferior conj	-3961 Sep 07 j 08:56	13°♁33'53	-8°31'38		-3958 Mar 12 j 14:17	0°♁	
minimum elong	-3961 Sep 07 j 15:45	13°♁23'35	8°30'49	evening rise	-3958 Mar 14 j 20:31	2°♁46'23	
min. Earth dist.	-3961 Sep 07 j 18:55	13°♁18'48	0.26798 AU	greatest brilliancy	-3958 Mar 16 j 03:43	4°♁22'05	-3.9m
morning rise	-3961 Sep 11 j 00:17	11°♁23'58			-3958 Apr 06 j 02:06	0°♁	
direct	-3961 Sep 27 j 21:49	5°♁53'53		asc. node	-3958 Apr 06 j 21:53	1°♁00'27	
greatest brilliancy	-3961 Oct 08 j 14:34	8°♁04'54	-4.9m		-3958 Apr 30 j 16:31	0°♁	
asc. node	-3961 Oct 21 j 02:52	15°♁02'10			-3958 May 25 j 10:11	0°♁	
	-3961 Nov 08 j 00:05	0°♁			-3958 Jun 19 j 08:43	0°♁	
morning max el	-3961 Nov 17 j 17:36	9°♁35'38	46°49'44		-3958 Jul 14 j 15:42	0°♁	
	-3961 Dec 06 j 18:34	0°♁		desc. node	-3958 Jul 27 j 17:25	15°♁14'14	
	-3960 Jan 02 j 01:17	0°♁			-3958 Aug 09 j 14:56	0°♁	
	-3960 Jan 27 j 13:43	0°♁			-3958 Sep 06 j 03:34	0°♁	
desc. node	-3960 Feb 10 j 00:27	15°♁58'35		evening max el	-3958 Sep 10 j 13:28	4°♁30'31	47°32'44
	-3960 Feb 21 j 18:36	0°♁			-3958 Oct 09 j 22:02	0°♁	
	-3960 Mar 17 j 18:46	0°♁		greatest brilliancy	-3958 Oct 21 j 10:17	6°♁03'57	-4.9m
	-3960 Apr 11 j 14:39	0°♁		retrograde	-3958 Oct 31 j 10:59	7°♁59'30	
	-3960 May 06 j 06:02	0°♁		evening set	-3958 Nov 14 j 22:26	3°♁45'22	
morning set	-3960 May 17 j 19:13	14°♁08'46		asc. node	-3958 Nov 17 j 14:28	2°♁13'08	
	-3960 May 30 j 16:31	0°♁		min. Earth dist.	-3958 Nov 20 j 08:30	0°♁31'44	0.26689 AU
asc. node	-3960 Jun 01 j 20:30	2°♁40'18		inferior conj	-3958 Nov 21 j 02:24	0°♁03'51	0°53'22
max. Earth dist.	-3960 Jun 18 j 13:16	23°♁19'56	1.72676 AU	minimum elong	-3958 Nov 21 j 00:27	0°♁06'54	0°52'40
					-3958 Nov 21 j 04:53	30°♁	
superior conj	-3960 Jun 22 j 20:30	28°♁40'22	0°46'42	morning rise	-3958 Nov 27 j 03:16	26°♁28'57	
minimum elong	-3960 Jun 22 j 12:34	28°♁15'41	0°46'31	direct	-3958 Dec 11 j 10:22	22°♁23'25	
	-3960 Jun 23 j 22:09	0°♁		greatest brilliancy	-3958 Dec 20 j 17:43	24°♁02'11	-4.9m
	-3960 Jul 17 j 23:46	0°♁			-3957 Jan 01 j 13:52	0°♁	
evening rise	-3960 Jul 29 j 08:19	14°♁12'08		morning max el	-3957 Jan 29 j 22:45	23°♁51'03	46°16'30
	-3960 Aug 10 j 23:09	0°♁			-3957 Feb 05 j 03:00	0°♁	
	-3960 Sep 03 j 22:31	0°♁			-3957 Mar 05 j 05:57	0°♁	
desc. node	-3960 Sep 21 j 15:43	22°♁06'32		desc. node	-3957 Mar 09 j 12:04	4°♁43'58	
	-3960 Sep 27 j 23:49	0°♁			-3957 Mar 31 j 18:00	0°♁	
	-3960 Oct 22 j 04:43	0°♁			-3957 Apr 26 j 10:58	0°♁	
	-3960 Nov 15 j 15:38	0°♁			-3957 May 21 j 15:02	0°♁	
	-3960 Dec 10 j 14:04	0°♁			-3957 Jun 15 j 08:31	0°♁	
	-3959 Jan 05 j 12:48	0°♁		asc. node	-3957 Jun 30 j 08:40	18°♁26'25	
asc. node	-3959 Jan 12 j 11:33	7°♁41'19			-3957 Jul 09 j 16:50	0°♁	
evening max el	-3959 Feb 02 j 02:23	29°♁08'09	45°32'37	morning set	-3957 Jul 26 j 02:33	20°♁26'04	
	-3959 Feb 02 j 23:43	0°♁			-3957 Aug 02 j 17:52	0°♁	
greatest brilliancy	-3959 Mar 11 j 23:24	27°♁09'13	-4.7m		-3957 Aug 26 j 14:19	0°♁	
retrograde	-3959 Mar 22 j 17:59	29°♁14'14		max. Earth dist.	-3957 Aug 31 j 23:32	6°♁47'24	1.71054 AU
evening set	-3959 Apr 07 j 19:22	24°♁17'44					
inferior conj	-3959 Apr 13 j 04:39	21°♁00'41	4°34'14	superior conj	-3957 Sep 02 j 08:28	8°♁31'15	1°21'46
minimum elong	-3959 Apr 13 j 12:56	20°♁47'39	4°32'14	minimum elong	-3957 Sep 02 j 13:16	8°♁46'24	1°21'50
min. Earth dist.	-3959 Apr 13 j 20:17	20°♁36'04	0.29214 AU		-3957 Sep 19 j 09:11	0°♁	
morning rise	-3959 Apr 19 j 06:19	17°♁19'59		evening rise	-3957 Oct 13 j 10:07	0°♁16'06	
desc. node	-3959 May 04 j 08:38	12°♁36'21			-3957 Oct 13 j 05:00	0°♁	
direct	-3959 May 05 j 01:14	12°♁35'47		desc. node	-3957 Oct 20 j 04:07	8°♁44'43	
greatest brilliancy	-3959 May 15 j 17:13	14°♁38'20	-4.7m		-3957 Nov 06 j 03:16	0°♁	
	-3959 Jun 09 j 00:06	0°♁			-3957 Nov 30 j 05:00	0°♁	
morning max el	-3959 Jun 23 j 05:13	12°♁50'42	46°02'27		-3957 Dec 24 j 11:38	0°♁	
	-3959 Jul 10 j 01:29	0°♁			-3956 Jan 18 j 02:14	0°♁	
	-3959 Aug 05 j 22:27	0°♁		asc. node	-3956 Feb 09 j 23:30	27°♁18'33	
asc. node	-3959 Aug 25 j 06:17	22°♁50'23			-3956 Feb 12 j 06:29	0°♁	
	-3959 Aug 31 j 04:43	0°♁			-3956 Mar 09 j 10:52	0°♁	
	-3959 Sep 24 j 15:06	0°♁			-3956 Apr 06 j 16:36	0°♁	
	-3959 Oct 18 j 16:01	0°♁		evening max el	-3956 Apr 13 j 20:41	6°♁58'52	45°10'26
	-3959 Nov 11 j 14:19	0°♁			-3956 May 12 j 18:08	0°♁	
	-3959 Dec 05 j 13:57	0°♁		greatest brilliancy	-3956 May 21 j 23:23	4°♁21'17	-4.7m
desc. node	-3959 Dec 15 j 02:38	11°♁52'52		desc. node	-3956 May 31 j 20:19	6°♁14'43	
morning set	-3959 Dec 26 j 20:49	26°♁30'25		retrograde	-3956 Jun 01 j 06:26	6°♁14'56	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-3956 Jun 16 j 11:06	1° Π 54'10		minimum elong	-3954 Nov 18 j 17:07	27° Ω 38'43	0°04'54
	-3956 Jun 19 j 19:46	30° κ 8		behind sun begin	-3954 Nov 17 j 15:00	26° Ω 16'49	
inferior conj	-3956 Jun 22 j 12:24	28° δ 22'32	-4°50'58	behind sun end	-3954 Nov 19 j 19:14	29° Ω 00'36	
minimum elong	-3956 Jun 22 j 03:03	28° δ 36'47	4°48'30		-3954 Nov 20 j 14:11	0° \mathbb{M}	
min. Earth dist.	-3956 Jun 22 j 21:39	28° δ 08'26	0.28126 AU	max. Earth dist.	-3954 Nov 23 j 14:24	3° \mathbb{M} 46'15	1.71375 AU
morning rise	-3956 Jun 27 j 18:19	25° δ 15'27			-3954 Dec 14 j 14:11	0° \mathcal{A}	
direct	-3956 Jul 13 j 21:54	20° δ 17'48		evening rise	-3954 Dec 30 j 14:14	19° \mathcal{A} 54'39	
greatest brilliancy	-3956 Jul 25 j 01:42	22° δ 32'46	-4.8m		-3953 Jan 07 j 17:30	0° \mathcal{Z}	
	-3956 Aug 07 j 12:00	0° Π			-3953 Feb 01 j 00:46	0° \approx	
morning max el	-3956 Sep 02 j 02:51	22° Π 24'44	46°39'37		-3953 Feb 25 j 13:32	0° \mathcal{H}	
	-3956 Sep 09 j 11:30	0° \mathcal{E}		asc. node	-3953 Mar 09 j 11:43	14° \mathcal{H} 26'50	
asc. node	-3956 Sep 21 j 17:47	13° \mathcal{E} 19'39			-3953 Mar 22 j 10:04	0° \mathcal{Y}	
	-3956 Oct 06 j 08:12	0° Ω			-3953 Apr 16 j 17:31	0° \mathcal{B}	
	-3956 Oct 31 j 12:41	0° \mathbb{M}			-3953 May 12 j 17:29	0° Π	
	-3956 Nov 25 j 02:32	0° Ω			-3953 Jun 09 j 00:12	0° \mathcal{E}	
	-3956 Dec 19 j 12:31	0° \mathbb{M}		evening max el	-3953 Jun 26 j 12:13	17° \mathcal{E} 48'07	46°16'23
desc. node	-3955 Jan 11 j 14:39	28° \mathbb{M} 21'15		desc. node	-3953 Jun 29 j 07:48	20° \mathcal{E} 29'56	
	-3955 Jan 12 j 22:51	0° \mathcal{A}			-3953 Jul 09 j 20:27	0° Ω	
	-3955 Feb 06 j 10:20	0° \mathcal{Z}		greatest brilliancy	-3953 Aug 06 j 02:14	17° Ω 14'33	-4.9m
	-3955 Mar 02 j 22:22	0° \approx		retrograde	-3953 Aug 15 j 04:42	18° Ω 45'51	
morning set	-3955 Mar 09 j 10:59	7° \approx 59'32		evening set	-3953 Sep 01 j 21:23	12° Ω 53'01	
	-3955 Mar 27 j 10:07	0° \mathcal{H}		inferior conj	-3953 Sep 04 j 21:07	11° Ω 05'39	-8°38'29
max. Earth dist.	-3955 Apr 13 j 07:43	20° \mathcal{H} 43'39	1.73730 AU	minimum elong	-3953 Sep 05 j 03:09	10° Ω 56'31	8°37'48
				min. Earth dist.	-3953 Sep 05 j 06:54	10° Ω 50'51	0.26841 AU
superior conj	-3955 Apr 14 j 21:04	22° \mathcal{H} 38'16	-0°43'34	morning rise	-3953 Sep 08 j 08:50	9° Ω 00'50	
minimum elong	-3955 Apr 15 j 04:32	23° \mathcal{H} 01'12	0°43'17	direct	-3953 Sep 25 j 11:10	3° Ω 25'17	
	-3955 Apr 20 j 21:00	0° \mathcal{Y}		greatest brilliancy	-3953 Oct 06 j 03:16	5° Ω 35'30	-4.9m
asc. node	-3955 May 04 j 10:22	16° \mathcal{Y} 39'28		asc. node	-3953 Oct 20 j 05:11	13° Ω 39'47	
	-3955 May 15 j 06:35	0° \mathcal{B}			-3953 Nov 08 j 03:21	0° \mathbb{M}	
evening rise	-3955 May 20 j 15:18	6° \mathcal{B} 36'12		morning max el	-3953 Nov 15 j 07:04	7° \mathbb{M} 08'13	46°50'10
	-3955 Jun 08 j 14:51	0° Π			-3953 Dec 06 j 12:31	0° Ω	
	-3955 Jul 02 j 22:22	0° \mathcal{E}			-3952 Jan 01 j 16:08	0° \mathbb{M}	
	-3955 Jul 27 j 06:36	0° Ω			-3952 Jan 27 j 03:00	0° \mathcal{A}	
	-3955 Aug 20 j 17:44	0° \mathbb{M}		desc. node	-3952 Feb 09 j 02:31	15° \mathcal{A} 26'49	
desc. node	-3955 Aug 24 j 05:30	4° \mathbb{M} 15'33			-3952 Feb 21 j 06:55	0° \mathcal{Z}	
	-3955 Sep 14 j 10:47	0° Ω			-3952 Mar 17 j 06:29	0° \approx	
	-3955 Oct 09 j 15:08	0° \mathbb{M}			-3952 Apr 11 j 01:59	0° \mathcal{H}	
	-3955 Nov 04 j 20:35	0° \mathcal{A}			-3952 May 05 j 17:08	0° \mathcal{Y}	
evening max el	-3955 Nov 20 j 17:45	16° \mathcal{A} 56'15	47°00'19	morning set	-3952 May 15 j 14:08	12° \mathcal{Y} 05'47	
	-3955 Dec 04 j 05:57	0° \mathcal{Z}			-3952 May 30 j 03:31	0° \mathcal{B}	
asc. node	-3955 Dec 15 j 02:02	9° \mathcal{Z} 02'13		asc. node	-3952 May 31 j 22:38	2° \mathcal{B} 12'59	
greatest brilliancy	-3955 Dec 30 j 15:09	18° \mathcal{Z} 13'53	-4.8m	max. Earth dist.	-3952 Jun 16 j 05:47	21° \mathcal{B} 08'21	1.72730 AU
retrograde	-3954 Jan 10 j 12:50	20° \mathcal{Z} 29'42					
evening set	-3954 Jan 27 j 22:47	14° \mathcal{Z} 31'17		superior conj	-3952 Jun 20 j 14:41	26° \mathcal{B} 33'42	0°44'03
min. Earth dist.	-3954 Jan 31 j 03:13	12° \mathcal{Z} 31'07	0.28758 AU	minimum elong	-3952 Jun 20 j 07:02	26° \mathcal{B} 09'58	0°43'52
inferior conj	-3954 Jan 31 j 18:44	12° \mathcal{Z} 06'19	8°10'19		-3952 Jun 23 j 09:08	0° Π	
minimum elong	-3954 Jan 31 j 15:02	12° \mathcal{Z} 12'13	8°09'57		-3952 Jul 17 j 10:50	0° \mathcal{E}	
morning rise	-3954 Feb 04 j 07:34	9° \mathcal{Z} 52'40		evening rise	-3952 Jul 27 j 00:18	11° \mathcal{E} 57'06	
direct	-3954 Feb 22 j 00:07	3° \mathcal{Z} 50'37			-3952 Aug 10 j 10:24	0° Ω	
greatest brilliancy	-3954 Mar 03 j 01:37	5° \mathcal{Z} 21'17	-4.7m		-3952 Sep 03 j 10:01	0° \mathbb{M}	
desc. node	-3954 Apr 05 j 23:25	28° \mathcal{Z} 14'25		desc. node	-3952 Sep 20 j 17:51	21° \mathbb{M} 36'46	
	-3954 Apr 07 j 21:38	0° \approx			-3952 Sep 27 j 11:38	0° Ω	
morning max el	-3954 Apr 11 j 19:23	3° \approx 39'30	45°49'48		-3952 Oct 21 j 16:53	0° \mathbb{M}	
	-3954 May 07 j 14:02	0° \mathcal{H}			-3952 Nov 15 j 04:21	0° \mathcal{A}	
	-3954 Jun 03 j 11:46	0° \mathcal{Y}			-3952 Dec 10 j 03:47	0° \mathcal{Z}	
	-3954 Jun 29 j 03:08	0° \mathcal{B}			-3951 Jan 05 j 04:44	0° \approx	
	-3954 Jul 23 j 23:15	0° Π		asc. node	-3951 Jan 11 j 13:38	7° \approx 01'01	
asc. node	-3954 Jul 27 j 20:35	4° Π 46'01		evening max el	-3951 Jan 30 j 17:32	26° \approx 54'24	45°34'53
	-3954 Aug 17 j 05:58	0° \mathcal{E}			-3951 Feb 02 j 22:30	0° \mathcal{H}	
greatest brilliancy	-3954 Aug 31 j 12:15	17° \mathcal{E} 50'49	-3.9m	greatest brilliancy	-3951 Mar 09 j 16:49	25° \mathcal{H} 02'30	-4.7m
	-3954 Sep 10 j 04:13	0° Ω		retrograde	-3951 Mar 20 j 10:13	27° \mathcal{H} 06'47	
	-3954 Oct 03 j 22:43	0° \mathbb{M}		evening set	-3951 Apr 05 j 14:29	22° \mathcal{H} 06'45	
morning set	-3954 Oct 07 j 21:22	4° \mathbb{M} 58'49		inferior conj	-3951 Apr 10 j 21:28	18° \mathcal{H} 52'44	4°49'44
	-3954 Oct 27 j 17:17	0° Ω		minimum elong	-3951 Apr 11 j 05:59	18° \mathcal{H} 39'18	4°47'44
desc. node	-3954 Nov 16 j 16:31	25° Ω 06'17		min. Earth dist.	-3951 Apr 11 j 13:00	18° \mathcal{H} 28'13	0.29235 AU
				morning rise	-3951 Apr 16 j 21:15	15° \mathcal{H} 14'04	
superior conj	-3954 Nov 18 j 18:30	27° Ω 43'02	-0°04'53	direct	-3951 May 02 j 17:41	10° \mathcal{H} 27'33	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3951 May 03 j 10:53	10° H 28'08		desc. node	-3949 Oct 19 j 06:19	8° L 16'38	
greatest brilliancy	-3951 May 13 j 08:56	12° H 28'51	-4.7m		-3949 Nov 05 j 14:29	0° M	
	-3951 Jun 09 j 05:47	0° Y			-3949 Nov 29 j 16:21	0° X	
morning max el	-3951 Jun 20 j 20:23	10° Y 37'33	46°01'27		-3949 Dec 23 j 23:13	0° Z	
	-3951 Jul 09 j 18:58	0° B			-3948 Jan 17 j 14:15	0° \approx	
	-3951 Aug 05 j 12:40	0° II		asc. node	-3948 Feb 09 j 01:36	26° \approx 47'05	
asc. node	-3951 Aug 24 j 08:24	22° II 17'23			-3948 Feb 11 j 19:26	0° H	
	-3951 Aug 30 j 17:33	0° G			-3948 Mar 09 j 01:51	0° Y	
	-3951 Sep 24 j 03:14	0° Q			-3948 Apr 06 j 13:08	0° B	
	-3951 Oct 18 j 03:47	0° M		evening max el	-3948 Apr 11 j 11:55	4° B 47'00	45°09'43
	-3951 Nov 11 j 01:52	0° L			-3948 May 14 j 12:47	0° II	
	-3951 Dec 05 j 01:18	0° M		greatest brilliancy	-3948 May 19 j 12:09	2° II 05'44	-4.7m
desc. node	-3951 Dec 14 j 04:40	11° M 23'56		retrograde	-3948 May 29 j 21:20	4° II 01'06	
morning set	-3951 Dec 24 j 07:37	23° M 59'59		desc. node	-3948 May 30 j 22:20	3° II 59'50	
	-3951 Dec 29 j 03:31	0° X			-3948 Jun 13 j 10:17	30° R B	
	-3950 Jan 22 j 08:28	0° Z		evening set	-3948 Jun 13 j 23:46	29° B 42'14	
				inferior conj	-3948 Jun 20 j 03:04	26° B 07'47	-4°32'50
superior conj	-3950 Feb 02 j 16:38	14° Z 00'39	-1°22'29	minimum elong	-3948 Jun 19 j 18:05	26° B 21'27	4°30'25
minimum elong	-3950 Feb 02 j 13:16	13° Z 50'13	1°22'37	min. Earth dist.	-3948 Jun 20 j 12:24	25° B 53'34	0.28172 AU
max. Earth dist.	-3950 Feb 05 j 12:19	17° Z 29'27	1.73001 AU	morning rise	-3948 Jun 25 j 11:47	22° B 56'58	
	-3950 Feb 15 j 15:45	0° \approx		direct	-3948 Jul 11 j 13:28	18° B 02'05	
	-3950 Mar 12 j 01:15	0° H		greatest brilliancy	-3948 Jul 22 j 17:11	20° B 17'22	-4.8m
evening rise	-3950 Mar 12 j 13:28	0° H 37'29			-3948 Aug 08 j 06:21	0° II	
greatest brilliancy	-3950 Mar 13 j 20:34	2° H 12'55	-3.9m	morning max el	-3948 Aug 30 j 18:31	20° II 07'38	46°38'31
	-3950 Apr 05 j 13:11	0° Y			-3948 Sep 09 j 07:08	0° G	
asc. node	-3950 Apr 06 j 00:07	0° Y 33'23		asc. node	-3948 Sep 20 j 20:01	12° G 38'01	
	-3950 Apr 30 j 03:54	0° B			-3948 Oct 05 j 23:28	0° Q	
	-3950 May 24 j 22:05	0° II			-3948 Oct 31 j 02:07	0° M	
	-3950 Jun 18 j 21:26	0° G			-3948 Nov 24 j 15:00	0° L	
	-3950 Jul 14 j 05:42	0° Q			-3948 Dec 19 j 00:21	0° M	
desc. node	-3950 Jul 26 j 19:30	14° Q 37'08		desc. node	-3947 Jan 10 j 16:45	27° M 52'36	
	-3950 Aug 09 j 07:17	0° M			-3947 Jan 12 j 10:15	0° X	
	-3950 Sep 06 j 01:35	0° L			-3947 Feb 05 j 21:25	0° Z	
evening max el	-3950 Sep 08 j 02:31	2° L 04'00	47°31'45		-3947 Mar 02 j 09:12	0° \approx	
	-3950 Oct 11 j 10:18	0° M		morning set	-3947 Mar 07 j 04:02	5° \approx 51'37	
greatest brilliancy	-3950 Oct 19 j 01:46	3° M 38'36	-4.9m		-3947 Mar 26 j 20:49	0° H	
retrograde	-3950 Oct 28 j 23:57	5° M 32'07		max. Earth dist.	-3947 Apr 11 j 07:07	18° H 55'26	1.73738 AU
evening set	-3950 Nov 12 j 12:04	1° M 18'03					
	-3950 Nov 14 j 18:46	30° R L		superior conj	-3947 Apr 12 j 15:48	20° H 35'44	-0°46'08
asc. node	-3950 Nov 16 j 16:33	28° L 50'46		minimum elong	-3947 Apr 12 j 23:34	20° H 59'34	0°45'52
min. Earth dist.	-3950 Nov 17 j 23:16	28° L 03'14	0.26643 AU		-3947 Apr 20 j 07:39	0° Y	
inferior conj	-3950 Nov 18 j 15:38	27° L 37'46	0°30'03	asc. node	-3947 May 03 j 12:28	16° Y 13'03	
minimum elong	-3950 Nov 18 j 14:32	27° L 39'29	0°29'37		-3947 May 14 j 17:20	0° B	
morning rise	-3950 Nov 24 j 17:39	24° L 01'21		evening rise	-3947 May 18 j 10:48	4° B 35'20	
direct	-3950 Dec 08 j 22:27	19° L 57'56			-3947 Jun 08 j 01:47	0° II	
greatest brilliancy	-3950 Dec 18 j 08:32	21° L 38'44	-4.9m		-3947 Jul 02 j 09:37	0° G	
	-3949 Jan 02 j 16:13	0° M			-3947 Jul 26 j 18:18	0° Q	
morning max el	-3949 Jan 27 j 12:01	21° M 29'14	46°17'48		-3947 Aug 20 j 06:03	0° M	
	-3949 Feb 04 j 23:41	0° X		desc. node	-3947 Aug 23 j 07:41	3° M 44'20	
	-3949 Mar 04 j 21:25	0° Z			-3947 Sep 13 j 23:59	0° L	
desc. node	-3949 Mar 08 j 14:14	4° Z 08'01			-3947 Oct 09 j 05:47	0° M	
	-3949 Mar 31 j 07:18	0° \approx			-3947 Nov 04 j 14:20	0° X	
	-3949 Apr 25 j 23:09	0° H		evening max el	-3947 Nov 18 j 10:32	14° X 42'00	47°03'15
	-3949 May 21 j 02:34	0° Y			-3947 Dec 04 j 10:57	0° Z	
	-3949 Jun 14 j 19:41	0° B		asc. node	-3947 Dec 14 j 04:06	7° Z 50'47	
asc. node	-3949 Jun 29 j 10:41	17° B 58'28		greatest brilliancy	-3947 Dec 28 j 07:27	16° Z 00'46	-4.8m
	-3949 Jul 09 j 03:51	0° II		retrograde	-3946 Jan 08 j 06:17	18° Z 17'26	
morning set	-3949 Jul 23 j 18:01	18° II 10'02		evening set	-3946 Jan 25 j 13:19	12° Z 22'07	
	-3949 Aug 02 j 04:52	0° G		min. Earth dist.	-3946 Jan 28 j 17:59	10° Z 21'39	0.28696 AU
	-3949 Aug 26 j 01:20	0° Q		inferior conj	-3946 Jan 29 j 11:08	9° Z 54'14	8°06'35
max. Earth dist.	-3949 Aug 29 j 08:12	4° Q 08'34	1.71087 AU	minimum elong	-3946 Jan 29 j 06:47	10° Z 01'11	8°06'07
				morning rise	-3946 Feb 02 j 00:35	7° Z 39'50	
superior conj	-3949 Aug 30 j 21:23	6° Q 05'50	1°22'31	direct	-3946 Feb 19 j 16:14	1° Z 39'43	
minimum elong	-3949 Aug 31 j 01:19	6° Q 18'13	1°22'38	greatest brilliancy	-3946 Feb 28 j 15:29	3° Z 09'02	-4.7m
	-3949 Sep 18 j 20:16	0° M		desc. node	-3946 Apr 05 j 01:40	27° Z 23'22	
evening rise	-3949 Oct 10 j 19:17	27° M 39'09			-3946 Apr 07 j 21:06	0° \approx	
	-3949 Oct 12 j 16:07	0° L		morning max el	-3946 Apr 09 j 12:03	1° \approx 32'04	45°49'59

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3946 May 07 j 05:52	0° H				-3944 Nov 14 j 16:57	0° A	
	-3946 Jun 03 j 01:06	0° Y				-3944 Dec 09 j 17:25	0° Z	
	-3946 Jun 28 j 15:19	0° B				-3943 Jan 04 j 20:42	0° \approx	
	-3946 Jul 23 j 10:50	0° II			asc. node	-3943 Jan 10 j 15:50	6° \approx 21'11	
asc. node	-3946 Jul 26 j 22:47	4° II 17'26			evening max el	-3943 Jan 28 j 08:14	24° \approx 40'01	45°37'19
	-3946 Aug 16 j 17:14	0° E				-3943 Feb 02 j 21:59	0° H	
greatest brilliancy	-3946 Sep 02 j 20:35	21° E 28'01	-3.9m		greatest brilliancy	-3943 Mar 07 j 10:16	22° H 56'48	-4.7m
	-3946 Sep 09 j 15:20	0° O			retrograde	-3943 Mar 18 j 02:44	25° H 00'57	
	-3946 Oct 03 j 09:48	0° P			evening set	-3943 Apr 03 j 09:52	19° H 57'05	
morning set	-3946 Oct 05 j 08:07	2° P 26'16			inferior conj	-3943 Apr 08 j 14:33	16° H 46'22	5°04'37
	-3946 Oct 27 j 04:22	0° E			minimum elong	-3943 Apr 08 j 23:15	16° H 32'38	5°02'39
desc. node	-3946 Nov 15 j 18:29	24° E 37'46			min. Earth dist.	-3943 Apr 09 j 06:05	16° H 21'50	0.29254 AU
					morning rise	-3943 Apr 14 j 12:21	13° H 10'02	
superior conj	-3946 Nov 16 j 03:10	25° E 05'03	-0°00'51		direct	-3943 Apr 30 j 10:06	8° H 20'46	
minimum elong	-3946 Nov 16 j 02:54	25° E 04'11	0°00'54		desc. node	-3943 May 02 j 12:51	8° H 25'51	
behind sun begin	-3946 Nov 14 j 23:50	23° E 39'16			greatest brilliancy	-3943 May 11 j 01:21	10° H 21'35	-4.7m
behind sun end	-3946 Nov 17 j 05:58	26° E 29'06				-3943 Jun 09 j 09:07	0° Y	
	-3946 Nov 20 j 01:14	0° M			morning max el	-3943 Jun 18 j 11:48	8° Y 25'58	46°00'25
max. Earth dist.	-3946 Nov 21 j 00:19	1° M 12'22	1.71325 AU			-3943 Jul 09 j 11:49	0° B	
	-3946 Dec 14 j 01:11	0° A				-3943 Aug 05 j 02:36	0° II	
evening rise	-3946 Dec 28 j 01:49	17° A 27'32			asc. node	-3943 Aug 23 j 10:37	21° II 45'08	
	-3945 Jan 07 j 04:27	0° Z				-3943 Aug 30 j 06:14	0° E	
	-3945 Jan 31 j 11:46	0° \approx				-3943 Sep 23 j 15:18	0° O	
	-3945 Feb 25 j 00:45	0° H				-3943 Oct 17 j 15:30	0° P	
asc. node	-3945 Mar 08 j 13:57	13° H 59'13				-3943 Nov 10 j 13:20	0° E	
	-3945 Mar 21 j 21:47	0° Y				-3943 Dec 04 j 12:35	0° M	
	-3945 Apr 16 j 06:11	0° B			desc. node	-3943 Dec 13 j 06:45	10° M 55'27	
	-3945 May 12 j 07:58	0° II			morning set	-3943 Dec 21 j 18:12	21° M 28'54	
	-3945 Jun 08 j 18:43	0° E				-3943 Dec 28 j 14:39	0° A	
evening max el	-3945 Jun 24 j 01:53	15° E 27'50	46°13'05			-3942 Jan 21 j 19:28	0° Z	
desc. node	-3945 Jun 28 j 09:55	19° E 35'10						
	-3945 Jul 10 j 05:56	0° O			superior conj	-3942 Jan 31 j 07:01	11° Z 43'03	-1°21'51
greatest brilliancy	-3945 Aug 03 j 13:53	14° O 48'01	-4.8m		minimum elong	-3942 Jan 31 j 02:49	11° Z 30'08	1°21'58
retrograde	-3945 Aug 12 j 16:18	16° O 18'53			max. Earth dist.	-3942 Feb 03 j 04:10	15° Z 16'32	1.72949 AU
evening set	-3945 Aug 30 j 11:24	10° O 23'55				-3942 Feb 15 j 02:41	0° \approx	
inferior conj	-3945 Sep 02 j 09:26	8° O 38'52	-8°44'12		evening rise	-3942 Mar 10 j 06:31	28° \approx 29'01	
minimum elong	-3945 Sep 02 j 14:37	8° O 31'01	8°43'42			-3942 Mar 11 j 12:10	0° H	
min. Earth dist.	-3945 Sep 02 j 19:19	8° O 23'54	0.26883 AU		greatest brilliancy	-3942 Mar 11 j 20:39	0° H 26'00	-3.9m
morning rise	-3945 Sep 05 j 17:44	6° O 38'45			asc. node	-3942 Apr 05 j 02:12	0° Y 06'08	
direct	-3945 Sep 23 j 00:09	0° O 58'00				-3942 Apr 05 j 00:12	0° Y	
greatest brilliancy	-3945 Oct 03 j 16:36	3° O 07'59	-4.9m			-3942 Apr 29 j 15:10	0° B	
asc. node	-3945 Oct 19 j 07:19	12° O 20'40				-3942 May 24 j 09:53	0° II	
	-3945 Nov 08 j 04:47	0° P				-3942 Jun 18 j 10:05	0° E	
morning max el	-3945 Nov 12 j 19:36	4° P 39'11	46°50'33			-3942 Jul 13 j 19:46	0° O	
	-3945 Dec 06 j 05:46	0° E			desc. node	-3942 Jul 25 j 21:40	14° O 00'05	
	-3944 Jan 01 j 06:31	0° M				-3942 Aug 08 j 23:55	0° P	
	-3944 Jan 26 j 15:53	0° A			evening max el	-3942 Sep 05 j 15:32	29° P 37'09	47°30'29
desc. node	-3944 Feb 08 j 04:41	14° A 56'19				-3942 Sep 06 j 00:38	0° E	
	-3944 Feb 20 j 18:53	0° Z				-3942 Oct 13 j 18:47	0° M	
	-3944 Mar 16 j 17:50	0° \approx			greatest brilliancy	-3942 Oct 16 j 16:40	1° M 11'24	-4.9m
	-3944 Apr 10 j 12:58	0° H			retrograde	-3942 Oct 26 j 12:55	3° M 03'29	
	-3944 May 05 j 03:54	0° Y				-3942 Nov 07 j 18:13	30° R E	
morning set	-3944 May 13 j 09:21	10° Y 04'38			evening set	-3942 Nov 10 j 01:35	28° E 48'51	
	-3944 May 29 j 14:13	0° B			min. Earth dist.	-3942 Nov 15 j 13:38	25° E 33'20	0.26601 AU
asc. node	-3944 May 31 j 00:41	1° B 46'17			asc. node	-3942 Nov 15 j 18:38	25° E 25'36	
max. Earth dist.	-3944 Jun 13 j 23:22	19° B 00'56	1.72792 AU		inferior conj	-3942 Nov 16 j 04:33	25° E 10'13	0°06'20
					minimum elong	-3942 Nov 16 j 04:19	25° E 10'34	0°06'11
superior conj	-3944 Jun 18 j 09:05	24° B 28'36	0°41'21		transit middle	-3942 Nov 16 j 04:19	25° E 10'34	0°06'11
minimum elong	-3944 Jun 18 j 01:47	24° B 05'58	0°41'11		transit begin	-3942 Nov 16 j 00:33	25° E 16'24	
	-3944 Jun 22 j 19:52	0° II			transit end	-3942 Nov 16 j 08:05	25° E 04'44	
	-3944 Jul 16 j 21:42	0° E			morning rise	-3942 Nov 22 j 07:36	21° E 32'45	
evening rise	-3944 Jul 24 j 16:28	9° E 43'22			direct	-3942 Dec 06 j 10:30	17° E 30'47	
	-3944 Aug 09 j 21:29	0° O			greatest brilliancy	-3942 Dec 15 j 22:58	19° E 13'49	-4.9m
	-3944 Sep 02 j 21:21	0° P				-3941 Jan 03 j 11:57	0° M	
desc. node	-3944 Sep 19 j 20:01	21° P 07'36			morning max el	-3941 Jan 25 j 02:00	19° M 08'35	46°19'14
	-3944 Sep 26 j 23:16	0° E				-3941 Feb 04 j 19:51	0° A	
	-3944 Oct 21 j 04:54	0° M				-3941 Mar 04 j 12:45	0° Z	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3941 Mar 07 j 16:24	3° Z 32'05			-3939 Oct 08 j 20:52	0° M	
	-3941 Mar 30 j 20:35	0° \approx			-3939 Nov 04 j 08:52	0° X	
	-3941 Apr 25 j 11:20	0° H	evening max el		-3939 Nov 16 j 03:18	12° X 26'19	47°05'42
	-3941 May 20 j 14:07	0° Y			-3939 Dec 04 j 18:53	0° Z	
	-3941 Jun 14 j 06:52	0° B	asc. node		-3939 Dec 13 j 06:21	6° Z 35'39	
asc. node	-3941 Jun 28 j 12:56	17° B 31'12	greatest brilliancy		-3939 Dec 25 j 23:56	13° Z 45'33	-4.8m
	-3941 Jul 08 j 14:52	0° II	retrograde		-3938 Jan 05 j 23:05	16° Z 02'08	
morning set	-3941 Jul 21 j 10:03	15° II 55'55	evening set		-3938 Jan 23 j 03:16	10° Z 10'39	
	-3941 Aug 01 j 15:52	0° E	min. Earth dist.		-3938 Jan 26 j 08:39	8° Z 09'00	0.28632 AU
	-3941 Aug 25 j 12:25	0° O	inferior conj		-3938 Jan 27 j 03:10	7° Z 39'23	8°02'00
max. Earth dist.	-3941 Aug 26 j 18:44	1° O 35'32	1.71129 AU	minimum elong	-3938 Jan 26 j 22:12	7° Z 47'20	8°01'26
				morning rise	-3938 Jan 30 j 17:31	5° Z 23'37	
superior conj	-3941 Aug 28 j 10:39	3° O 41'21	1°23'07		-3938 Feb 12 j 01:18	30° R X	
minimum elong	-3941 Aug 28 j 13:43	3° O 51'00	1°23'15	direct	-3938 Feb 17 j 08:00	29° X 26'11	
	-3941 Sep 18 j 07:27	0° M			-3938 Feb 22 j 18:22	0° Z	
evening rise	-3941 Oct 08 j 04:23	25° M 01'22		greatest brilliancy	-3938 Feb 26 j 05:09	0° Z 54'02	-4.7m
	-3941 Oct 12 j 03:26	0° A		desc. node	-3938 Apr 04 j 03:40	26° Z 31'03	
desc. node	-3941 Oct 18 j 08:18	7° A 47'12		morning max el	-3938 Apr 07 j 03:42	29° Z 20'30	45°50'17
	-3941 Nov 05 j 01:56	0° M			-3938 Apr 07 j 20:15	0° \approx	
	-3941 Nov 29 j 03:58	0° X			-3938 May 06 j 21:58	0° H	
	-3941 Dec 23 j 11:04	0° Z			-3938 Jun 02 j 14:45	0° Y	
	-3940 Jan 17 j 02:33	0° \approx			-3938 Jun 28 j 03:49	0° B	
asc. node	-3940 Feb 08 j 03:49	26° \approx 15'06			-3938 Jul 22 j 22:44	0° II	
	-3940 Feb 11 j 08:42	0° H		asc. node	-3938 Jul 26 j 00:54	3° II 47'31	
	-3940 Mar 08 j 17:17	0° Y			-3938 Aug 16 j 04:49	0° E	
	-3940 Apr 06 j 10:39	0° B		greatest brilliancy	-3938 Sep 04 j 08:16	23° E 59'43	-3.9m
evening max el	-3940 Apr 09 j 04:01	2° B 36'42	45°09'08		-3938 Sep 09 j 02:45	0° O	
greatest brilliancy	-3940 May 17 j 01:24	29° B 50'49	-4.7m	morning set	-3938 Oct 02 j 19:25	29° O 54'36	
	-3940 May 17 j 11:58	0° II			-3938 Oct 02 j 21:08	0° M	
retrograde	-3940 May 27 j 12:30	1° II 47'22			-3938 Oct 26 j 15:40	0° A	
desc. node	-3940 May 30 j 00:30	1° II 40'06					
	-3940 Jun 06 j 02:13	30° R B		superior conj	-3938 Nov 13 j 12:13	22° A 27'21	0°03'11
evening set	-3940 Jun 11 j 12:55	27° B 30'33		minimum elong	-3938 Nov 13 j 13:04	22° A 30'03	0°03'06
inferior conj	-3940 Jun 17 j 17:56	23° B 53'21	-4°14'30	behind sun begin	-3938 Nov 12 j 10:17	21° A 05'59	
minimum elong	-3940 Jun 17 j 09:23	24° B 06'22	4°12'09	behind sun end	-3938 Nov 14 j 15:51	23° A 54'05	
min. Earth dist.	-3940 Jun 18 j 03:12	23° B 39'13	0.28211 AU	desc. node	-3938 Nov 14 j 20:38	24° A 09'07	
morning rise	-3940 Jun 23 j 05:19	20° B 38'51		max. Earth dist.	-3938 Nov 18 j 10:57	28° A 39'47	1.71281 AU
direct	-3940 Jul 09 j 05:30	15° B 47'00			-3938 Nov 19 j 12:32	0° M	
greatest brilliancy	-3940 Jul 20 j 08:09	18° B 01'39	-4.8m		-3938 Dec 13 j 12:29	0° X	
	-3940 Aug 08 j 20:03	0° II		evening rise	-3938 Dec 25 j 13:15	14° X 58'43	
morning max el	-3940 Aug 28 j 10:03	17° II 50'26	46°37'18		-3937 Jan 06 j 15:46	0° Z	
	-3940 Sep 09 j 02:15	0° E			-3937 Jan 30 j 23:12	0° \approx	
asc. node	-3940 Sep 19 j 22:09	11° E 56'20			-3937 Feb 24 j 12:27	0° H	
	-3940 Oct 05 j 14:37	0° O		asc. node	-3937 Mar 07 j 15:59	13° H 29'32	
	-3940 Oct 30 j 15:39	0° M			-3937 Mar 21 j 10:00	0° Y	
	-3940 Nov 24 j 03:41	0° A			-3937 Apr 15 j 19:23	0° B	
	-3940 Dec 18 j 12:30	0° M			-3937 May 11 j 23:05	0° II	
desc. node	-3939 Jan 09 j 18:57	27° M 23'09			-3937 Jun 08 j 14:14	0° E	
	-3939 Jan 11 j 22:01	0° X		evening max el	-3937 Jun 21 j 14:35	13° E 04'02	46°09'51
	-3939 Feb 05 j 08:51	0° Z		desc. node	-3937 Jun 27 j 12:07	18° E 38'11	
	-3939 Mar 01 j 20:22	0° \approx			-3937 Jul 10 j 19:15	0° O	
morning set	-3939 Mar 04 j 20:36	3° \approx 41'16		greatest brilliancy	-3937 Aug 01 j 01:57	12° O 20'58	-4.8m
	-3939 Mar 26 j 07:50	0° H		retrograde	-3937 Aug 10 j 03:31	13° O 51'18	
max. Earth dist.	-3939 Apr 09 j 07:02	17° H 07'49	1.73741 AU	evening set	-3937 Aug 28 j 01:04	7° O 54'35	
				inferior conj	-3937 Aug 30 j 21:49	6° O 11'27	-8°49'02
superior conj	-3939 Apr 10 j 10:16	18° H 31'22	-0°48'41	minimum elong	-3937 Aug 31 j 02:05	6° O 04'58	8°48'38
minimum elong	-3939 Apr 10 j 18:18	18° H 56'00	0°48'24	min. Earth dist.	-3937 Aug 31 j 08:03	5° O 55'56	0.26922 AU
	-3939 Apr 19 j 18:38	0° Y		morning rise	-3937 Sep 03 j 02:59	4° O 15'45	
asc. node	-3939 May 02 j 14:30	15° Y 45'28			-3937 Sep 11 j 22:23	30° R E	
	-3939 May 14 j 04:24	0° B		direct	-3937 Sep 20 j 12:43	28° E 29'53	
evening rise	-3939 May 16 j 06:14	2° B 33'20			-3937 Sep 29 j 09:20	0° O	
	-3939 Jun 07 j 13:03	0° II		greatest brilliancy	-3937 Oct 01 j 06:30	0° O 40'30	-4.9m
	-3939 Jul 01 j 21:10	0° E		asc. node	-3937 Oct 18 j 09:21	11° O 03'04	
	-3939 Jul 26 j 06:16	0° O			-3937 Nov 08 j 05:14	0° M	
	-3939 Aug 19 j 18:37	0° M		morning max el	-3937 Nov 10 j 07:37	2° M 08'06	46°51'06
desc. node	-3939 Aug 22 j 09:50	3° M 12'24			-3937 Dec 05 j 22:54	0° A	
	-3939 Sep 13 j 13:29	0° A			-3937 Dec 31 j 20:58	0° M	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3936 Jan 26 j 04:57	0°♊		evening max el	-3934 Sep 03 j 05:08	27°♏11'29	47°29'15
desc. node	-3936 Feb 07 j 06:47	14°♊24'49			-3934 Sep 06 j 00:51	0°♎	
	-3936 Feb 20 j 07:08	0°♊		greatest brilliancy	-3934 Oct 14 j 06:52	28°♎42'52	-4.9m
	-3936 Mar 16 j 05:34	0°♊			-3934 Oct 18 j 18:02	0°♏	
	-3936 Apr 10 j 00:20	0°♋		retrograde	-3934 Oct 24 j 02:13	0°♏34'15	
	-3936 May 04 j 15:03	0°♋			-3934 Oct 29 j 07:31	30°♏	
morning set	-3936 May 11 j 04:07	8°♋00'59		evening set	-3934 Nov 07 j 15:12	26°♎18'39	
	-3936 May 29 j 01:16	0°♋		min. Earth dist.	-3934 Nov 13 j 03:35	23°♎03'02	0.26562 AU
asc. node	-3936 May 30 j 02:53	1°♋18'59		inferior conj	-3934 Nov 13 j 17:19	22°♎41'49	-0°17'40
max. Earth dist.	-3936 Jun 11 j 18:33	16°♋57'26	1.72850 AU	minimum elong	-3934 Nov 13 j 17:58	22°♎40'48	0°17'30
				asc. node	-3934 Nov 14 j 20:56	21°♎59'15	
superior conj	-3936 Jun 16 j 03:11	22°♋21'35	0°38'36	morning rise	-3934 Nov 19 j 21:15	19°♎03'48	
minimum elong	-3936 Jun 15 j 20:15	22°♋00'05	0°38'25	direct	-3934 Dec 03 j 23:00	15°♎02'55	
	-3936 Jun 22 j 06:57	0°♌		greatest brilliancy	-3934 Dec 13 j 12:52	16°♎47'45	-4.9m
	-3936 Jul 16 j 08:55	0°♌			-3933 Jan 04 j 02:49	0°♏	
evening rise	-3936 Jul 22 j 08:38	7°♌28'43		morning max el	-3933 Jan 22 j 16:41	16°♏49'29	46°20'46
	-3936 Aug 09 j 08:54	0°♌			-3933 Feb 04 j 15:27	0°♊	
	-3936 Sep 02 j 09:02	0°♍			-3933 Mar 04 j 03:51	0°♊	
desc. node	-3936 Sep 18 j 22:00	20°♍36'57		desc. node	-3933 Mar 06 j 18:26	2°♊56'05	
	-3936 Sep 26 j 11:13	0°♍			-3933 Mar 30 j 09:44	0°♊	
	-3936 Oct 20 j 17:12	0°♍			-3933 Apr 24 j 23:27	0°♋	
	-3936 Nov 14 j 05:48	0°♊			-3933 May 20 j 01:39	0°♋	
	-3936 Dec 09 j 07:21	0°♊			-3933 Jun 13 j 18:07	0°♋	
	-3935 Jan 04 j 13:09	0°♊		asc. node	-3933 Jun 27 j 15:03	17°♋03'17	
asc. node	-3935 Jan 09 j 17:59	5°♊40'12			-3933 Jul 08 j 02:00	0°♌	
evening max el	-3935 Jan 25 j 22:35	22°♊24'02	45°39'39	morning set	-3933 Jul 19 j 01:57	13°♌41'08	
	-3935 Feb 02 j 22:57	0°♋			-3933 Aug 01 j 02:58	0°♌	
greatest brilliancy	-3935 Mar 05 j 02:52	20°♋48'58	-4.7m	max. Earth dist.	-3933 Aug 24 j 03:37	28°♌57'13	1.71167 AU
retrograde	-3935 Mar 15 j 19:22	22°♋53'53			-3933 Aug 24 j 23:33	0°♌	
evening set	-3935 Apr 01 j 05:06	17°♋45'46					
inferior conj	-3935 Apr 06 j 07:29	14°♋38'27	5°19'12	superior conj	-3933 Aug 25 j 23:49	1°♌16'26	1°23'34
minimum elong	-3935 Apr 06 j 16:19	14°♋24'30	5°17'15	minimum elong	-3933 Aug 26 j 01:59	1°♌23'16	1°23'42
min. Earth dist.	-3935 Apr 06 j 22:51	14°♋14'12	0.29277 AU		-3933 Sep 17 j 18:40	0°♍	
morning rise	-3935 Apr 12 j 03:14	11°♋04'55		evening rise	-3933 Oct 05 j 13:23	22°♍23'13	
direct	-3935 Apr 28 j 02:26	6°♋12'19			-3933 Oct 11 j 14:46	0°♎	
desc. node	-3935 May 01 j 15:02	6°♋26'21		desc. node	-3933 Oct 17 j 10:26	7°♎18'17	
greatest brilliancy	-3935 May 08 j 17:54	8°♋13'14	-4.7m		-3933 Nov 04 j 13:23	0°♏	
	-3935 Jun 09 j 11:28	0°♋			-3933 Nov 28 j 15:34	0°♊	
morning max el	-3935 Jun 16 j 03:49	6°♋14'49	45°59'29		-3933 Dec 22 j 22:53	0°♊	
	-3935 Jul 09 j 04:43	0°♋			-3932 Jan 16 j 14:49	0°♊	
	-3935 Aug 04 j 16:41	0°♌		asc. node	-3932 Feb 07 j 05:53	25°♊42'51	
asc. node	-3935 Aug 22 j 12:42	21°♌11'49			-3932 Feb 10 j 21:56	0°♋	
	-3935 Aug 29 j 19:05	0°♌			-3932 Mar 08 j 08:47	0°♋	
	-3935 Sep 23 j 03:32	0°♌			-3932 Apr 06 j 08:46	0°♋	
	-3935 Oct 17 j 03:23	0°♍		evening max el	-3932 Apr 06 j 20:17	0°♋27'22	45°08'31
	-3935 Nov 10 j 00:58	0°♎		greatest brilliancy	-3932 May 14 j 15:09	27°♋37'04	-4.7m
	-3935 Dec 04 j 00:00	0°♏		retrograde	-3932 May 25 j 03:15	29°♋34'03	
desc. node	-3935 Dec 12 j 08:56	10°♏26'51		desc. node	-3932 May 29 j 02:41	29°♋15'40	
morning set	-3935 Dec 19 j 04:55	18°♏57'40		evening set	-3932 Jun 09 j 02:21	25°♋19'12	
	-3935 Dec 28 j 01:53	0°♊		inferior conj	-3932 Jun 15 j 08:51	21°♋39'27	-3°55'48
	-3934 Jan 21 j 06:35	0°♊		minimum elong	-3932 Jun 15 j 00:49	21°♋51'43	3°53'32
				min. Earth dist.	-3932 Jun 15 j 18:13	21°♋25'07	0.28255 AU
superior conj	-3934 Jan 28 j 21:29	9°♊25'25	-1°21'04	morning rise	-3932 Jun 20 j 22:45	18°♋21'09	
minimum elong	-3934 Jan 28 j 16:30	9°♊10'00	1°21'10	direct	-3932 Jul 06 j 21:38	13°♋32'26	
max. Earth dist.	-3934 Jan 31 j 19:39	13°♊02'03	1.72898 AU	greatest brilliancy	-3932 Jul 17 j 23:09	15°♋46'02	-4.8m
	-3934 Feb 14 j 13:42	0°♊			-3932 Aug 09 j 06:18	0°♌	
evening rise	-3934 Mar 07 j 23:39	26°♊20'26		morning max el	-3932 Aug 26 j 00:49	15°♌31'16	46°35'59
greatest brilliancy	-3934 Mar 09 j 23:17	28°♊46'37	-3.9m		-3932 Sep 08 j 20:56	0°♌	
	-3934 Mar 10 j 23:12	0°♋		asc. node	-3932 Sep 19 j 00:14	11°♌14'53	
asc. node	-3934 Apr 04 j 04:16	29°♋38'20			-3932 Oct 05 j 05:35	0°♌	
	-3934 Apr 04 j 11:22	0°♋			-3932 Oct 30 j 05:01	0°♍	
	-3934 Apr 29 j 02:41	0°♋			-3932 Nov 23 j 16:11	0°♎	
	-3934 May 23 j 21:57	0°♌			-3932 Dec 18 j 00:28	0°♏	
	-3934 Jun 17 j 23:03	0°♌		desc. node	-3931 Jan 08 j 20:59	26°♏53'48	
	-3934 Jul 13 j 10:10	0°♌			-3931 Jan 11 j 09:34	0°♊	
desc. node	-3934 Jul 24 j 23:45	13°♌21'55			-3931 Feb 04 j 20:04	0°♊	
	-3934 Aug 08 j 17:03	0°♍			-3931 Mar 01 j 07:20	0°♊	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-3931 Mar 02 j 13:22	1° \approx 32'02		greatest brilliancy	-3929 Jul 29 j 13:49	9° Ω 55'34	-4.8m
	-3931 Mar 25 j 18:37	0° H		retrograde	-3929 Aug 07 j 14:59	11° Ω 25'56	
max. Earth dist.	-3931 Apr 07 j 06:33	15° H 19'43	1.73737 AU	evening set	-3929 Aug 25 j 14:21	5° Ω 27'43	
				inferior conj	-3929 Aug 28 j 10:21	3° Ω 45'49	-8°52'37
superior conj	-3931 Apr 08 j 05:01	16° H 28'37	-0°51'08	minimum elong	-3929 Aug 28 j 13:42	3° Ω 40'44	8°52'18
minimum elong	-3931 Apr 08 j 13:15	16° H 53'52	0°50'51	min. Earth dist.	-3929 Aug 28 j 20:56	3° Ω 29'47	0.26972 AU
	-3931 Apr 19 j 05:23	0° Υ		morning rise	-3929 Aug 31 j 12:54	1° Ω 53'56	
asc. node	-3931 May 01 j 16:45	15° Υ 19'20			-3929 Sep 03 j 22:21	30° R S	
	-3931 May 13 j 15:14	0° B		direct	-3929 Sep 18 j 01:23	26° S 03'12	
evening rise	-3931 May 14 j 01:56	0° B 32'56		greatest brilliancy	-3929 Sep 28 j 21:00	28° S 15'07	-4.9m
	-3931 Jun 07 j 00:05	0° Π			-3929 Oct 02 j 18:53	0° Ω	
	-3931 Jul 01 j 08:33	0° S		asc. node	-3929 Oct 17 j 11:39	9° Ω 49'10	
	-3931 Jul 25 j 18:08	0° Ω		morning max el	-3929 Nov 07 j 20:10	29° Ω 38'55	46°51'28
	-3931 Aug 19 j 07:10	0° M			-3929 Nov 08 j 04:24	0° M	
desc. node	-3931 Aug 21 j 11:49	2° M 40'05			-3929 Dec 05 j 15:31	0° $\underline{\Omega}$	
	-3931 Sep 13 j 03:00	0° $\underline{\Omega}$			-3929 Dec 31 j 11:04	0° M	
	-3931 Oct 08 j 12:01	0° M			-3928 Jan 25 j 17:42	0° X	
	-3931 Nov 04 j 03:40	0° X		desc. node	-3928 Feb 06 j 08:51	13° X 54'09	
evening max el	-3931 Nov 13 j 19:14	10° X 08'51	47°08'15		-3928 Feb 19 j 19:02	0° Z	
	-3931 Dec 05 j 05:16	0° Z			-3928 Mar 15 j 16:54	0° \approx	
asc. node	-3931 Dec 12 j 08:27	5° Z 18'40			-3928 Apr 09 j 11:19	0° H	
greatest brilliancy	-3931 Dec 23 j 17:02	11° Z 31'41	-4.9m		-3928 May 04 j 01:50	0° Υ	
retrograde	-3930 Jan 03 j 15:28	13° Z 47'28		morning set	-3928 May 08 j 23:08	5° Υ 59'11	
evening set	-3930 Jan 20 j 17:09	8° Z 00'16			-3928 May 28 j 11:57	0° B	
min. Earth dist.	-3930 Jan 23 j 23:43	5° Z 56'43	0.28563 AU	asc. node	-3928 May 29 j 05:00	0° B 52'34	
inferior conj	-3930 Jan 24 j 19:15	5° Z 25'25	7°56'43	max. Earth dist.	-3928 Jun 09 j 15:39	15° B 01'04	1.72903 AU
minimum elong	-3930 Jan 24 j 13:41	5° Z 34'20	7°56'02				
morning rise	-3930 Jan 28 j 10:39	3° Z 07'54		superior conj	-3928 Jun 13 j 21:42	20° B 17'07	0°35'48
	-3930 Feb 03 j 05:06	30° R X		minimum elong	-3928 Jun 13 j 15:10	19° B 56'52	0°35'38
direct	-3930 Feb 14 j 23:29	27° X 13'34			-3928 Jun 21 j 17:38	0° Π	
greatest brilliancy	-3930 Feb 23 j 19:24	28° X 40'22	-4.8m		-3928 Jul 15 j 19:43	0° S	
	-3930 Feb 27 j 09:42	0° Z		evening rise	-3928 Jul 20 j 01:28	5° S 17'34	
desc. node	-3930 Apr 03 j 05:50	25° Z 41'02			-3928 Aug 08 j 19:55	0° Ω	
morning max el	-3930 Apr 04 j 18:33	27° Z 07'58	45°50'44		-3928 Sep 01 j 20:19	0° M	
	-3930 Apr 07 j 18:04	0° \approx		desc. node	-3928 Sep 18 j 00:10	20° M 07'57	
	-3930 May 06 j 13:25	0° H			-3928 Sep 25 j 22:50	0° $\underline{\Omega}$	
	-3930 Jun 02 j 03:55	0° Υ			-3928 Oct 20 j 05:15	0° M	
	-3930 Jun 27 j 15:54	0° B			-3928 Nov 13 j 18:30	0° X	
	-3930 Jul 22 j 10:16	0° Π			-3928 Dec 08 j 21:13	0° Z	
asc. node	-3930 Jul 25 j 02:59	3° Π 18'38			-3927 Jan 04 j 05:41	0° \approx	
	-3930 Aug 15 j 16:04	0° S		asc. node	-3927 Jan 08 j 20:04	4° \approx 59'05	
greatest brilliancy	-3930 Sep 05 j 08:04	25° S 54'54	-3.9m	evening max el	-3927 Jan 23 j 13:22	20° \approx 09'45	45°42'21
	-3930 Sep 08 j 13:54	0° Ω			-3927 Feb 03 j 00:57	0° H	
morning set	-3930 Sep 30 j 06:22	27° Ω 22'23		greatest brilliancy	-3927 Mar 02 j 19:06	18° H 41'36	-4.7m
	-3930 Oct 02 j 08:17	0° M		retrograde	-3927 Mar 13 j 12:41	20° H 47'49	
	-3930 Oct 26 j 02:49	0° $\underline{\Omega}$		evening set	-3927 Mar 30 j 00:26	15° H 35'19	
				inferior conj	-3927 Apr 04 j 00:26	12° H 31'26	5°33'19
superior conj	-3930 Nov 10 j 20:49	19° $\underline{\Omega}$ 48'51	0°07'13	minimum elong	-3927 Apr 04 j 09:22	12° H 17'20	5°31'24
minimum elong	-3930 Nov 10 j 22:47	19° $\underline{\Omega}$ 55'02	0°07'04	min. Earth dist.	-3927 Apr 04 j 15:14	12° H 08'05	0.29295 AU
behind sun begin	-3930 Nov 09 j 22:02	18° $\underline{\Omega}$ 37'18		morning rise	-3927 Apr 09 j 18:04	9° H 01'04	
behind sun end	-3930 Nov 11 j 23:32	21° $\underline{\Omega}$ 12'44		direct	-3927 Apr 25 j 19:04	4° H 04'54	
desc. node	-3930 Nov 13 j 22:49	23° $\underline{\Omega}$ 41'08		desc. node	-3927 Apr 30 j 17:15	4° H 32'06	
max. Earth dist.	-3930 Nov 15 j 17:57	25° $\underline{\Omega}$ 56'24	1.71231 AU	greatest brilliancy	-3927 May 06 j 10:00	6° H 05'35	-4.7m
	-3930 Nov 18 j 23:38	0° M			-3927 Jun 09 j 12:00	0° Υ	
	-3930 Dec 12 j 23:32	0° X		morning max el	-3927 Jun 13 j 20:47	4° Υ 07'16	45°58'38
evening rise	-3930 Dec 23 j 00:08	12° X 28'58			-3927 Jul 08 j 20:52	0° B	
	-3929 Jan 06 j 02:49	0° Z			-3927 Aug 04 j 06:13	0° Π	
	-3929 Jan 30 j 10:21	0° \approx		asc. node	-3927 Aug 21 j 14:48	20° Π 39'58	
	-3929 Feb 23 j 23:50	0° H			-3927 Aug 29 j 07:27	0° S	
asc. node	-3929 Mar 06 j 18:06	13° H 01'05			-3927 Sep 22 j 15:20	0° Ω	
	-3929 Mar 20 j 21:54	0° Υ			-3927 Oct 16 j 14:52	0° M	
	-3929 Apr 15 j 08:16	0° B			-3927 Nov 09 j 12:15	0° $\underline{\Omega}$	
	-3929 May 11 j 13:56	0° Π			-3927 Dec 03 j 11:09	0° M	
	-3929 Jun 08 j 09:43	0° S		desc. node	-3927 Dec 11 j 10:56	9° M 58'26	
evening max el	-3929 Jun 19 j 02:31	10° S 40'06	46°06'42	morning set	-3927 Dec 16 j 15:15	16° M 25'50	
desc. node	-3929 Jun 26 j 14:10	17° S 41'07			-3927 Dec 27 j 12:55	0° X	
	-3929 Jul 11 j 11:57	0° Ω			-3926 Jan 20 j 17:30	0° Z	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3926 Jan 26 j 11:16	7°306'05	-1°20'07	greatest brilliancy	-3924 Jul 15 j 14:21	13°331'06	-4.8m
minimum elong	-3926 Jan 26 j 05:31	6°348'16	1°20'13		-3924 Aug 09 j 13:41	0°II	
max. Earth dist.	-3926 Jan 29 j 10:14	10°345'18	1.72847 AU	morning max el	-3924 Aug 23 j 14:40	13°II10'16	46°34'40
	-3926 Feb 14 j 00:32	0°≈			-3924 Sep 08 j 15:02	0°☾	
evening rise	-3926 Mar 05 j 16:14	24°≈10'54		asc. node	-3924 Sep 18 j 02:27	10°☾34'33	
greatest brilliancy	-3926 Mar 08 j 05:52	27°≈20'02	-3.9m		-3924 Oct 04 j 20:15	0°Ω	
	-3926 Mar 10 j 10:01	0°✕			-3924 Oct 29 j 18:12	0°♐	
asc. node	-3926 Apr 03 j 06:29	29°✕11'41			-3924 Nov 23 j 04:34	0°♑	
	-3926 Apr 03 j 22:19	0°Υ			-3924 Dec 17 j 12:19	0°♒	
	-3926 Apr 28 j 13:57	0°♉		desc. node	-3923 Jan 07 j 23:03	26°♒24'52	
	-3926 May 23 j 09:48	0°II			-3923 Jan 10 j 21:01	0°♊	
	-3926 Jun 17 j 11:48	0°☾			-3923 Feb 04 j 07:13	0°♋	
	-3926 Jul 13 j 00:24	0°Ω		morning set	-3923 Feb 28 j 05:52	29°♋22'01	
desc. node	-3926 Jul 24 j 01:51	12°Ω44'22			-3923 Feb 28 j 18:16	0°≈	
	-3926 Aug 08 j 10:08	0°♐			-3923 Mar 25 j 05:27	0°♌	
evening max el	-3926 Aug 31 j 19:44	24°♐49'43	47°27'55	max. Earth dist.	-3923 Apr 05 j 03:52	13°♌24'42	1.73734 AU
	-3926 Sep 06 j 01:44	0°♑					
greatest brilliancy	-3926 Oct 11 j 20:31	26°♑15'10	-4.9m	superior conj	-3923 Apr 05 j 23:29	14°♌24'52	-0°53'32
retrograde	-3926 Oct 21 j 15:53	28°♑06'16		minimum elong	-3923 Apr 06 j 07:53	14°♌50'37	0°53'17
evening set	-3926 Nov 05 j 05:08	23°♑49'36			-3923 Apr 18 j 16:12	0°Υ	
min. Earth dist.	-3926 Nov 10 j 17:15	20°♑34'23	0.26528 AU	asc. node	-3923 Apr 30 j 18:48	14°Υ52'20	
inferior conj	-3926 Nov 11 j 06:08	20°♑14'33	-0°41'32	evening rise	-3923 May 11 j 21:15	28°Υ31'12	
minimum elong	-3926 Nov 11 j 07:41	20°♑12'09	0°41'05		-3923 May 13 j 02:08	0°♉	
asc. node	-3926 Nov 13 j 22:58	18°♑35'39			-3923 Jun 06 j 11:11	0°II	
morning rise	-3926 Nov 17 j 10:46	16°♑36'17			-3923 Jun 30 j 19:59	0°☾	
direct	-3926 Dec 01 j 12:06	12°♑36'21			-3923 Jul 25 j 06:04	0°Ω	
greatest brilliancy	-3926 Dec 11 j 02:20	14°♑22'07	-4.9m		-3923 Aug 18 j 19:48	0°♐	
	-3925 Jan 04 j 13:34	0°♒		desc. node	-3923 Aug 20 j 14:00	2°♐08'09	
morning max el	-3925 Jan 20 j 07:35	14°♒31'24	46°21'59		-3923 Sep 12 j 16:39	0°♑	
	-3925 Feb 04 j 10:19	0°♊			-3923 Oct 08 j 03:24	0°♒	
	-3925 Mar 03 j 18:39	0°♋			-3923 Nov 03 j 23:01	0°♊	
desc. node	-3925 Mar 05 j 20:36	2°♋21'03		evening max el	-3923 Nov 11 j 10:20	7°♊48'55	47°10'45
	-3925 Mar 29 j 22:41	0°≈			-3923 Dec 05 j 19:15	0°♋	
	-3925 Apr 24 j 11:23	0°♌		asc. node	-3923 Dec 11 j 10:33	3°♋59'09	
	-3925 May 19 j 13:00	0°Υ		greatest brilliancy	-3923 Dec 21 j 10:28	9°♋17'54	-4.9m
	-3925 Jun 13 j 05:09	0°♉		retrograde	-3922 Jan 01 j 07:27	11°♋32'40	
asc. node	-3925 Jun 26 j 17:02	16°♉35'39		evening set	-3922 Jan 18 j 06:50	5°♋49'58	
	-3925 Jul 07 j 12:54	0°II		min. Earth dist.	-3922 Jan 21 j 15:04	3°♋43'56	0.28493 AU
morning set	-3925 Jul 16 j 18:01	11°II27'44		inferior conj	-3922 Jan 22 j 11:22	3°♋11'24	7°50'37
	-3925 Jul 31 j 13:52	0°☾		minimum elong	-3922 Jan 22 j 05:13	3°♋21'15	7°49'50
max. Earth dist.	-3925 Aug 21 j 10:19	26°☾12'41	1.71206 AU	morning rise	-3922 Jan 26 j 04:02	0°♋51'49	
					-3922 Jan 27 j 14:51	30°♌♊	
superior conj	-3925 Aug 23 j 13:28	28°☾53'46	1°23'52	direct	-3922 Feb 12 j 14:34	25°♊00'47	
minimum elong	-3925 Aug 23 j 14:45	28°☾57'47	1°24'00	greatest brilliancy	-3922 Feb 21 j 10:11	26°♊27'07	-4.8m
	-3925 Aug 24 j 10:30	0°Ω			-3922 Mar 01 j 15:40	0°♋	
	-3925 Sep 17 j 05:42	0°♐		desc. node	-3922 Apr 02 j 08:02	24°♋51'45	
evening rise	-3925 Oct 02 j 22:52	19°♐47'10		morning max el	-3922 Apr 02 j 08:43	24°♋53'22	45°51'07
	-3925 Oct 11 j 01:53	0°♑			-3922 Apr 07 j 15:13	0°≈	
desc. node	-3925 Oct 16 j 12:36	6°♑50'07			-3922 May 06 j 04:49	0°♌	
	-3925 Nov 04 j 00:38	0°♒			-3922 Jun 01 j 17:11	0°Υ	
	-3925 Nov 28 j 02:58	0°♊			-3922 Jun 27 j 04:08	0°♉	
	-3925 Dec 22 j 10:33	0°♋			-3922 Jul 21 j 21:57	0°II	
	-3924 Jan 16 j 03:01	0°≈		asc. node	-3922 Jul 24 j 05:10	2°II49'29	
asc. node	-3924 Feb 06 j 08:00	25°≈10'48			-3922 Aug 15 j 03:29	0°☾	
	-3924 Feb 10 j 11:13	0°♌		greatest brilliancy	-3922 Sep 05 j 18:33	27°☾07'53	-3.9m
	-3924 Mar 08 j 00:30	0°Υ			-3922 Sep 08 j 01:12	0°Ω	
evening max el	-3924 Apr 04 j 12:08	28°Υ16'59	45°08'00	morning set	-3922 Sep 27 j 17:26	24°Ω50'07	
	-3924 Apr 06 j 07:51	0°♉			-3922 Oct 01 j 19:32	0°♐	
greatest brilliancy	-3924 May 12 j 05:45	25°♉24'26	-4.7m		-3922 Oct 25 j 14:05	0°♑	
retrograde	-3924 May 22 j 17:38	27°♉21'05					
desc. node	-3924 May 28 j 04:41	26°♉46'27		superior conj	-3922 Nov 08 j 05:30	17°♑10'05	0°11'13
evening set	-3924 Jun 06 j 16:04	23°♉08'02		minimum elong	-3922 Nov 08 j 08:33	17°♑19'41	0°11'02
inferior conj	-3924 Jun 12 j 23:51	19°♉26'04	-3°36'47	behind sun begin	-3922 Nov 07 j 12:14	16°♑15'50	
minimum elong	-3924 Jun 12 j 16:22	19°♉37'33	3°34'39	behind sun end	-3922 Nov 09 j 04:53	18°♑23'31	
min. Earth dist.	-3924 Jun 13 j 09:37	19°♉11'07	0.28294 AU	max. Earth dist.	-3922 Nov 12 j 21:34	23°♑01'54	1.71187 AU
morning rise	-3924 Jun 18 j 16:07	16°♉04'02		desc. node	-3922 Nov 13 j 00:47	23°♑11'59	
direct	-3924 Jul 04 j 13:22	11°♉18'25			-3922 Nov 18 j 10:54	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3922 Dec 12 j 10:46	0°♊		morning max el	-3919 Jun 11 j 14:01	1°♑59'37	45°57'42
evening rise	-3922 Dec 20 j 10:57	9°♊58'21			-3919 Jul 08 j 13:07	0°♑	
	-3921 Jan 05 j 14:04	0°♑			-3919 Aug 03 j 20:03	0°♑	
	-3921 Jan 29 j 21:40	0°♑		asc. node	-3919 Aug 20 j 17:01	20°♑07'17	
	-3921 Feb 23 j 11:26	0°♑			-3919 Aug 28 j 20:13	0°♑	
asc. node	-3921 Mar 05 j 20:20	12°♑32'22			-3919 Sep 22 j 03:33	0°♑	
	-3921 Mar 20 j 10:03	0°♑			-3919 Oct 16 j 02:45	0°♑	
	-3921 Apr 14 j 21:29	0°♑			-3919 Nov 08 j 23:55	0°♑	
	-3921 May 11 j 05:18	0°♑			-3919 Dec 02 j 22:38	0°♑	
	-3921 Jun 08 j 06:15	0°♑		desc. node	-3919 Dec 10 j 13:04	9°♑29'25	
evening max el	-3921 Jun 16 j 14:34	8°♑15'33	46°03'36	morning set	-3919 Dec 14 j 01:27	13°♑52'31	
desc. node	-3921 Jun 25 j 16:18	16°♑41'44			-3919 Dec 27 j 00:15	0°♑	
	-3921 Jul 12 j 11:08	0°♑			-3918 Jan 20 j 04:44	0°♑	
greatest brilliancy	-3921 Jul 27 j 01:10	7°♑28'31	-4.8m				
retrograde	-3921 Aug 05 j 02:58	8°♑59'37		superior conj	-3918 Jan 24 j 00:51	4°♑44'58	-1°19'03
evening set	-3921 Aug 23 j 03:00	3°♑00'27		minimum elong	-3918 Jan 23 j 18:20	4°♑24'50	1°19'07
inferior conj	-3921 Aug 25 j 22:47	1°♑19'06	-8°55'05	max. Earth dist.	-3918 Jan 27 j 02:51	8°♑33'46	1.72797 AU
minimum elong	-3921 Aug 26 j 01:12	1°♑15'27	8°54'52		-3918 Feb 13 j 11:42	0°♑	
min. Earth dist.	-3921 Aug 26 j 09:25	1°♑03'00	0.27019 AU	evening rise	-3918 Mar 03 j 08:50	22°♑00'11	
	-3921 Aug 28 j 03:19	30°♑		greatest brilliancy	-3918 Mar 06 j 23:00	26°♑24'43	-3.9m
morning rise	-3921 Aug 28 j 23:14	29°♑30'30			-3918 Mar 09 j 21:12	0°♑	
direct	-3921 Sep 15 j 14:09	23°♑35'27		asc. node	-3918 Apr 02 j 08:33	28°♑43'30	
greatest brilliancy	-3921 Sep 26 j 11:06	25°♑48'36	-4.9m		-3918 Apr 03 j 09:37	0°♑	
	-3921 Oct 04 j 17:55	0°♑			-3918 Apr 28 j 01:35	0°♑	
asc. node	-3921 Oct 16 j 13:44	8°♑36'11			-3918 May 22 j 22:01	0°♑	
morning max el	-3921 Nov 05 j 09:25	27°♑10'51	46°51'50		-3918 Jun 17 j 00:58	0°♑	
	-3921 Nov 08 j 02:53	0°♑			-3918 Jul 12 j 15:11	0°♑	
	-3921 Dec 05 j 08:05	0°♑		desc. node	-3918 Jul 23 j 04:01	12°♑05'32	
	-3921 Dec 31 j 01:17	0°♑			-3918 Aug 08 j 04:03	0°♑	
	-3920 Jan 25 j 06:38	0°♑		evening max el	-3918 Aug 29 j 10:39	22°♑27'13	47°26'13
desc. node	-3920 Feb 05 j 11:00	13°♑22'59			-3918 Sep 06 j 04:37	0°♑	
	-3920 Feb 19 j 07:10	0°♑		greatest brilliancy	-3918 Oct 09 j 10:04	23°♑45'19	-4.9m
	-3920 Mar 15 j 04:30	0°♑		retrograde	-3918 Oct 19 j 05:15	25°♑35'35	
	-3920 Apr 08 j 22:34	0°♑		evening set	-3918 Nov 02 j 19:01	21°♑18'01	
	-3920 May 03 j 12:52	0°♑		inferior conj	-3918 Nov 08 j 18:37	17°♑44'51	-1°05'36
morning set	-3920 May 06 j 18:13	3°♑56'48		minimum elong	-3918 Nov 08 j 21:04	17°♑41'05	1°04'52
	-3920 May 27 j 22:55	0°♑		min. Earth dist.	-3918 Nov 08 j 06:42	18°♑03'13	0.26493 AU
asc. node	-3920 May 28 j 07:02	0°♑25'02		asc. node	-3918 Nov 13 j 01:04	15°♑10'58	
max. Earth dist.	-3920 Jun 07 j 13:50	13°♑07'08	1.72960 AU	morning rise	-3918 Nov 14 j 23:43	14°♑06'27	
				direct	-3918 Nov 29 j 01:00	10°♑07'37	
superior conj	-3920 Jun 11 j 16:10	18°♑11'31	0°32'57	greatest brilliancy	-3918 Dec 08 j 15:23	11°♑53'52	-4.9m
minimum elong	-3920 Jun 11 j 10:04	17°♑52'37	0°32'48		-3917 Jan 04 j 22:06	0°♑	
	-3920 Jun 21 j 04:40	0°♑		morning max el	-3917 Jan 17 j 21:33	12°♑09'37	46°23'17
	-3920 Jul 15 j 06:55	0°♑			-3917 Feb 04 j 05:06	0°♑	
evening rise	-3920 Jul 17 j 18:15	3°♑05'07			-3917 Mar 03 j 09:35	0°♑	
	-3920 Aug 08 j 07:20	0°♑		desc. node	-3917 Mar 04 j 22:46	1°♑45'20	
	-3920 Sep 01 j 08:00	0°♑			-3917 Mar 29 j 11:51	0°♑	
desc. node	-3920 Sep 17 j 02:18	19°♑37'41			-3917 Apr 23 j 23:35	0°♑	
	-3920 Sep 25 j 10:49	0°♑			-3917 May 19 j 00:37	0°♑	
	-3920 Oct 19 j 17:39	0°♑			-3917 Jun 12 j 16:28	0°♑	
	-3920 Nov 13 j 07:34	0°♑		asc. node	-3917 Jun 25 j 19:19	16°♑08'03	
	-3920 Dec 08 j 11:33	0°♑			-3917 Jul 07 j 00:05	0°♑	
	-3919 Jan 03 j 22:54	0°♑		morning set	-3917 Jul 14 j 10:29	9°♑14'47	
asc. node	-3919 Jan 07 j 22:15	4°♑16'48			-3917 Jul 31 j 01:01	0°♑	
evening max el	-3919 Jan 21 j 05:07	17°♑56'45	45°45'05	max. Earth dist.	-3917 Aug 18 j 16:37	23°♑26'10	1.71253 AU
	-3919 Feb 03 j 04:59	0°♑					
greatest brilliancy	-3919 Feb 28 j 11:16	16°♑33'13	-4.7m	superior conj	-3917 Aug 21 j 03:31	26°♑31'33	1°23'59
retrograde	-3919 Mar 11 j 06:20	18°♑40'41		minimum elong	-3917 Aug 21 j 03:55	26°♑32'49	1°24'09
evening set	-3919 Mar 27 j 19:50	13°♑24'01			-3917 Aug 23 j 21:43	0°♑	
inferior conj	-3919 Apr 01 j 17:25	10°♑23'26	5°46'51		-3917 Sep 16 j 17:02	0°♑	
minimum elong	-3919 Apr 02 j 02:24	10°♑09'16	5°45'00	evening rise	-3917 Sep 30 j 08:21	17°♑10'03	
min. Earth dist.	-3919 Apr 02 j 07:17	10°♑01'34	0.29309 AU		-3917 Oct 10 j 13:22	0°♑	
morning rise	-3919 Apr 07 j 08:48	6°♑56'25		desc. node	-3917 Oct 15 j 14:35	6°♑20'17	
direct	-3919 Apr 23 j 12:08	1°♑56'44			-3917 Nov 03 j 12:16	0°♑	
desc. node	-3919 Apr 29 j 19:13	2°♑40'55			-3917 Nov 27 j 14:45	0°♑	
greatest brilliancy	-3919 May 04 j 01:23	3°♑56'24	-4.7m		-3917 Dec 21 j 22:35	0°♑	
	-3919 Jun 09 j 11:46	0°♑			-3916 Jan 15 j 15:34	0°♑	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3916 Feb 05 j 10:12	24° \approx 37'59			-3914 Aug 14 j 14:51	0° Θ	
	-3916 Feb 10 j 00:54	0° H		greatest brilliancy	-3914 Sep 06 j 00:00	28° Θ 05'10	-3.9m
	-3916 Mar 07 j 16:48	0° Υ			-3914 Sep 07 j 12:27	0° Ω	
evening max el	-3916 Apr 02 j 03:16	26° Υ 04'09	45°07'34	morning set	-3914 Sep 25 j 05:05	22° Ω 19'51	
	-3916 Apr 06 j 08:19	0° B			-3914 Oct 01 j 06:45	0° M	
greatest brilliancy	-3916 May 09 j 20:56	23° B 12'02	-4.7m		-3914 Oct 25 j 01:16	0° $\underline{\Omega}$	
retrograde	-3916 May 20 j 07:59	25° B 08'11					
desc. node	-3916 May 27 j 06:53	24° B 12'03		superior conj	-3914 Nov 05 j 14:36	14° $\underline{\Omega}$ 32'47	0°15'10
evening set	-3916 Jun 04 j 06:06	20° B 56'25		minimum elong	-3914 Nov 05 j 18:43	14° $\underline{\Omega}$ 45'43	0°14'56
inferior conj	-3916 Jun 10 j 15:04	17° B 12'47	-3°17'38	behind sun begin	-3914 Nov 05 j 07:26	14° $\underline{\Omega}$ 10'16	
minimum elong	-3916 Jun 10 j 08:08	17° B 23'25	3°15'37	behind sun end	-3914 Nov 06 j 06:00	15° $\underline{\Omega}$ 21'10	
min. Earth dist.	-3916 Jun 11 j 01:34	16° B 56'39	0.28332 AU	max. Earth dist.	-3914 Nov 10 j 00:55	20° $\underline{\Omega}$ 06'45	1.71147 AU
morning rise	-3916 Jun 16 j 09:31	13° B 47'11		desc. node	-3914 Nov 12 j 02:58	22° $\underline{\Omega}$ 43'49	
direct	-3916 Jul 02 j 04:39	9° B 04'21			-3914 Nov 17 j 22:03	0° M	
greatest brilliancy	-3916 Jul 13 j 06:14	11° B 16'49	-4.8m		-3914 Dec 11 j 21:55	0° A	
	-3916 Aug 09 j 19:03	0° II		evening rise	-3914 Dec 17 j 21:54	7° A 28'19	
morning max el	-3916 Aug 21 j 04:06	10° II 47'59	46°33'27		-3913 Jan 05 j 01:15	0° Z	
	-3916 Sep 08 j 08:51	0° Θ			-3913 Jan 29 j 08:59	0° \approx	
asc. node	-3916 Sep 17 j 04:35	9° Θ 53'54			-3913 Feb 22 j 23:01	0° H	
	-3916 Oct 04 j 10:56	0° Ω		asc. node	-3913 Mar 04 j 22:20	12° H 03'00	
	-3916 Oct 29 j 07:30	0° M			-3913 Mar 19 j 22:12	0° Υ	
	-3916 Nov 22 j 17:08	0° $\underline{\Omega}$			-3913 Apr 14 j 10:44	0° B	
desc. node	-3916 Dec 17 j 00:24	0° M			-3913 May 10 j 20:48	0° II	
	-3915 Jan 07 j 01:17	25° M 55'37			-3913 Jun 08 j 03:20	0° Θ	
	-3915 Jan 10 j 08:43	0° A		evening max el	-3913 Jun 14 j 03:30	5° Θ 53'52	46°00'38
	-3915 Feb 03 j 18:35	0° Z		desc. node	-3913 Jun 24 j 18:30	15° Θ 41'34	
morning set	-3915 Feb 25 j 22:01	27° Z 10'15			-3913 Jul 13 j 18:36	0° Ω	
	-3915 Feb 28 j 05:23	0° \approx		greatest brilliancy	-3913 Jul 24 j 11:57	5° Ω 01'48	-4.8m
	-3915 Mar 24 j 16:26	0° H		retrograde	-3913 Aug 02 j 15:34	6° Ω 34'16	
max. Earth dist.	-3915 Apr 03 j 00:11	11° H 26'12	1.73729 AU	evening set	-3913 Aug 20 j 15:15	0° Ω 34'45	
					-3913 Aug 21 j 14:47	30° $\text{R}\Theta$	
superior conj	-3915 Apr 03 j 17:54	12° H 20'30	-0°55'52	inferior conj	-3913 Aug 23 j 11:17	28° Θ 53'10	-8°56'37
minimum elong	-3915 Apr 04 j 02:25	12° H 46'38	0°55'37	minimum elong	-3913 Aug 23 j 12:44	28° Θ 50'58	8°56'27
	-3915 Apr 18 j 03:10	0° Υ		min. Earth dist.	-3913 Aug 23 j 21:38	28° Θ 37'34	0.27066 AU
asc. node	-3915 Apr 29 j 20:52	14° Υ 24'59		morning rise	-3913 Aug 26 j 10:06	27° Θ 07'11	
evening rise	-3915 May 09 j 16:41	26° Υ 29'25		direct	-3913 Sep 13 j 03:31	21° Θ 08'37	
	-3915 May 12 j 13:12	0° B		greatest brilliancy	-3913 Sep 24 j 00:41	23° Θ 22'17	-4.9m
	-3915 Jun 05 j 22:27	0° II			-3913 Oct 06 j 01:25	0° Ω	
	-3915 Jun 30 j 07:35	0° Θ		asc. node	-3913 Oct 15 j 15:49	7° Ω 25'49	
	-3915 Jul 24 j 18:08	0° Ω		morning max el	-3913 Nov 02 j 23:47	24° Ω 46'26	46°52'18
desc. node	-3915 Aug 18 j 08:33	0° M			-3913 Nov 08 j 00:18	0° M	
	-3915 Aug 19 j 16:08	1° M 35'50			-3913 Dec 05 j 00:07	0° $\underline{\Omega}$	
	-3915 Sep 12 j 06:26	0° $\underline{\Omega}$			-3913 Dec 30 j 15:06	0° M	
	-3915 Oct 07 j 19:02	0° M			-3912 Jan 24 j 19:15	0° A	
	-3915 Nov 03 j 19:01	0° A		desc. node	-3912 Feb 04 j 13:07	12° A 52'33	
evening max el	-3915 Nov 09 j 00:38	5° A 26'35	47°13'00		-3912 Feb 18 j 19:02	0° Z	
	-3915 Dec 06 j 14:21	0° Z			-3912 Mar 14 j 15:53	0° \approx	
asc. node	-3915 Dec 10 j 12:48	2° Z 36'39			-3912 Apr 08 j 09:38	0° H	
greatest brilliancy	-3915 Dec 19 j 03:45	7° Z 02'55	-4.9m		-3912 May 02 j 23:43	0° Υ	
retrograde	-3915 Dec 29 j 23:21	9° Z 16'56		morning set	-3912 May 04 j 13:15	1° Υ 54'55	
evening set	-3914 Jan 15 j 20:13	3° Z 38'43		asc. node	-3912 May 27 j 09:16	29° Υ 58'44	
min. Earth dist.	-3914 Jan 19 j 06:29	1° Z 29'51	0.28424 AU		-3912 May 27 j 09:41	0° B	
inferior conj	-3914 Jan 20 j 03:22	0° Z 56'24	7°43'45	max. Earth dist.	-3912 Jun 05 j 11:38	11° B 12'48	1.73010 AU
minimum elong	-3914 Jan 19 j 20:40	1° Z 07'07	7°42'50				
	-3914 Jan 21 j 14:40	30° RA		superior conj	-3912 Jun 09 j 10:36	16° B 06'34	0°30'05
morning rise	-3914 Jan 23 j 21:32	28° A 34'31		minimum elong	-3912 Jun 09 j 04:58	15° B 49'08	0°29'56
direct	-3914 Feb 10 j 05:10	22° A 46'51			-3912 Jun 20 j 15:28	0° II	
greatest brilliancy	-3914 Feb 19 j 01:18	24° A 13'22	-4.8m		-3912 Jul 14 j 17:53	0° Θ	
	-3914 Mar 03 j 03:16	0° Z		evening rise	-3912 Jul 15 j 11:11	0° Θ 53'59	
morning max el	-3914 Mar 30 j 23:09	22° Z 38'55	45°51'42		-3912 Aug 07 j 18:32	0° Ω	
desc. node	-3914 Apr 01 j 10:04	24° Z 02'31			-3912 Aug 31 j 19:28	0° M	
	-3914 Apr 07 j 11:48	0° \approx		desc. node	-3912 Sep 16 j 04:18	19° M 07'37	
	-3914 May 05 j 20:03	0° H			-3912 Sep 24 j 22:36	0° $\underline{\Omega}$	
	-3914 Jun 01 j 06:22	0° Υ			-3912 Oct 19 j 05:51	0° M	
	-3914 Jun 26 j 16:19	0° B			-3912 Nov 12 j 20:26	0° A	
	-3914 Jul 21 j 09:37	0° II			-3912 Dec 08 j 01:39	0° Z	
asc. node	-3914 Jul 23 j 07:17	2° II 20'17			-3911 Jan 03 j 16:03	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3911 Jan 07 j 00:25	3°≈35'01				-3909 Jul 06 j 10:56	0°Ⅱ	
evening max el	-3911 Jan 18 j 21:36	15°≈46'37	45°47'45	morning set		-3909 Jul 12 j 02:57	7°Ⅱ02'51	
	-3911 Feb 03 j 10:23	0°Ⅰ				-3909 Jul 30 j 11:52	0°Ⅱ	
greatest brilliancy	-3911 Feb 26 j 03:44	14°Ⅰ26'18	-4.7m	max. Earth dist.		-3909 Aug 15 j 23:23	20°Ⅱ42'15	1.71302 AU
retrograde	-3911 Mar 08 j 23:54	16°Ⅰ34'30						
evening set	-3911 Mar 25 j 15:22	11°Ⅰ13'55		superior conj		-3909 Aug 18 j 17:38	24°Ⅱ10'41	1°23'58
inferior conj	-3911 Mar 30 j 10:28	8°Ⅰ16'30	5°59'58	minimum elong		-3909 Aug 18 j 17:11	24°Ⅱ09'17	1°24'08
minimum elong	-3911 Mar 30 j 19:27	8°Ⅰ02'20	5°58'11			-3909 Aug 23 j 08:37	0°Ⅱ	
min. Earth dist.	-3911 Mar 30 j 23:14	7°Ⅰ56'21	0.29323 AU			-3909 Sep 16 j 04:01	0°Ⅱ	
morning rise	-3911 Apr 04 j 23:28	4°Ⅰ52'53		evening rise		-3909 Sep 27 j 17:56	14°Ⅱ34'26	
	-3911 Apr 18 j 07:04	30°Ⅱ≈				-3909 Oct 10 j 00:30	0°Ⅱ	
direct	-3911 Apr 21 j 05:36	29°≈49'47		desc. node		-3909 Oct 14 j 16:45	5°Ⅱ52'06	
	-3911 Apr 24 j 05:14	0°Ⅰ				-3909 Nov 02 j 23:33	0°Ⅱ	
desc. node	-3911 Apr 28 j 21:26	0°Ⅰ54'42				-3909 Nov 27 j 02:14	0°Ⅱ	
greatest brilliancy	-3911 May 01 j 16:20	1°Ⅰ47'39	-4.7m			-3909 Dec 21 j 10:20	0°Ⅲ	
	-3911 Jun 09 j 10:12	0°Ⅱ				-3908 Jan 15 j 03:52	0°≈	
morning max el	-3911 Jun 09 j 07:11	29°Ⅰ52'47	45°56'44	asc. node		-3908 Feb 04 j 12:17	24°≈05'37	
	-3911 Jul 08 j 04:47	0°Ⅲ				-3908 Feb 09 j 14:21	0°Ⅰ	
	-3911 Aug 03 j 09:26	0°Ⅱ				-3908 Mar 07 j 08:57	0°Ⅱ	
asc. node	-3911 Aug 19 j 19:06	19°Ⅱ35'25		evening max el		-3908 Mar 30 j 17:47	23°Ⅱ51'08	45°07'20
	-3911 Aug 28 j 08:34	0°Ⅱ				-3908 Apr 06 j 09:29	0°Ⅲ	
	-3911 Sep 21 j 15:22	0°Ⅱ		greatest brilliancy		-3908 May 07 j 11:48	21°Ⅲ00'43	-4.7m
	-3911 Oct 15 j 14:16	0°Ⅲ		retrograde		-3908 May 17 j 22:29	22°Ⅲ57'04	
	-3911 Nov 08 j 11:14	0°Ⅲ		desc. node		-3908 May 26 j 09:02	21°Ⅲ34'23	
	-3911 Dec 02 j 09:47	0°Ⅲ		evening set		-3908 Jun 01 j 20:24	18°Ⅲ45'53	
desc. node	-3911 Dec 09 j 15:14	9°Ⅲ01'32		inferior conj		-3908 Jun 08 j 06:23	15°Ⅲ01'03	-2°58'19
morning set	-3911 Dec 11 j 11:48	11°Ⅲ20'33		minimum elong		-3908 Jun 08 j 00:04	15°Ⅲ10'45	2°56'26
	-3911 Dec 26 j 11:16	0°Ⅲ		min. Earth dist.		-3908 Jun 08 j 17:46	14°Ⅲ43'34	0.28375 AU
	-3910 Jan 19 j 15:36	0°Ⅲ		morning rise		-3908 Jun 14 j 02:57	11°Ⅲ32'08	
				direct		-3908 Jun 29 j 19:50	6°Ⅲ51'31	
superior conj	-3910 Jan 21 j 14:29	2°Ⅲ25'07	-1°17'50	greatest brilliancy		-3908 Jul 10 j 22:51	9°Ⅲ04'41	-4.8m
minimum elong	-3910 Jan 21 j 07:15	2°Ⅲ02'43	1°17'52			-3908 Aug 09 j 22:14	0°Ⅲ	
max. Earth dist.	-3910 Jan 24 j 21:28	6°Ⅲ29'27	1.72742 AU	morning max el		-3908 Aug 18 j 18:06	8°Ⅲ27'59	46°32'13
	-3910 Feb 12 j 22:28	0°≈				-3908 Sep 08 j 02:02	0°Ⅱ	
evening rise	-3910 Mar 01 j 01:33	19°≈51'04		asc. node		-3908 Sep 16 j 06:41	9°Ⅲ14'22	
greatest brilliancy	-3910 Mar 05 j 16:20	25°≈31'11	-3.9m			-3908 Oct 04 j 01:11	0°Ⅱ	
	-3910 Mar 09 j 07:59	0°Ⅰ				-3908 Oct 28 j 20:26	0°Ⅲ	
asc. node	-3910 Apr 01 j 10:40	28°Ⅰ16'35				-3908 Nov 22 j 05:20	0°Ⅲ	
	-3910 Apr 02 j 20:34	0°Ⅱ				-3908 Dec 16 j 12:08	0°Ⅲ	
	-3910 Apr 27 j 12:54	0°Ⅲ		desc. node		-3907 Jan 06 j 03:17	25°Ⅲ26'41	
	-3910 May 22 j 09:56	0°Ⅲ				-3907 Jan 09 j 20:05	0°Ⅲ	
	-3910 Jun 16 j 13:51	0°Ⅱ				-3907 Feb 03 j 05:40	0°Ⅲ	
	-3910 Jul 12 j 05:43	0°Ⅱ		morning set		-3907 Feb 23 j 13:59	24°Ⅲ58'36	
desc. node	-3910 Jul 22 j 06:06	11°Ⅱ27'16				-3907 Feb 27 j 16:15	0°≈	
	-3910 Aug 07 j 21:54	0°Ⅲ				-3907 Mar 24 j 03:10	0°Ⅰ	
evening max el	-3910 Aug 27 j 01:15	20°Ⅲ05'14	47°24'23	max. Earth dist.		-3907 Mar 31 j 19:42	9°Ⅰ26'02	1.73721 AU
	-3910 Sep 06 j 08:32	0°Ⅲ						
greatest brilliancy	-3910 Oct 07 j 00:09	21°Ⅲ17'25	-4.9m	superior conj		-3907 Apr 01 j 12:21	10°Ⅰ17'06	-0°58'08
retrograde	-3910 Oct 16 j 18:09	23°Ⅲ06'00		minimum elong		-3907 Apr 01 j 20:57	10°Ⅰ43'30	0°57'53
evening set	-3910 Oct 31 j 09:09	18°Ⅲ47'30				-3907 Apr 17 j 13:51	0°Ⅱ	
inferior conj	-3910 Nov 06 j 07:10	15°Ⅲ16'25	-1°29'39	asc. node		-3907 Apr 28 j 23:08	13°Ⅱ59'03	
minimum elong	-3910 Nov 06 j 10:29	15°Ⅲ11'18	1°28'37	evening rise		-3907 May 07 j 12:14	24°Ⅱ28'59	
min. Earth dist.	-3910 Nov 05 j 20:29	15°Ⅲ32'53	0.26463 AU			-3907 May 11 j 23:58	0°Ⅲ	
asc. node	-3910 Nov 12 j 03:23	11°Ⅲ49'57				-3907 Jun 05 j 09:27	0°Ⅲ	
morning rise	-3910 Nov 12 j 12:25	11°Ⅲ37'53				-3907 Jun 29 j 18:57	0°Ⅱ	
direct	-3910 Nov 26 j 13:42	7°Ⅲ40'04				-3907 Jul 24 j 06:02	0°Ⅱ	
greatest brilliancy	-3910 Dec 06 j 04:53	9°Ⅲ26'58	-4.9m			-3907 Aug 17 j 21:12	0°Ⅲ	
	-3909 Jan 05 j 03:51	0°Ⅲ		desc. node		-3907 Aug 18 j 18:08	1°Ⅲ03'27	
morning max el	-3909 Jan 15 j 10:45	9°Ⅲ46'44	46°24'39			-3907 Sep 11 j 20:11	0°Ⅲ	
	-3909 Feb 03 j 23:01	0°Ⅲ				-3907 Oct 07 j 10:44	0°Ⅲ	
	-3909 Mar 02 j 23:56	0°Ⅲ				-3907 Nov 03 j 15:28	0°Ⅲ	
desc. node	-3909 Mar 04 j 00:47	1°Ⅲ10'36		evening max el		-3907 Nov 06 j 14:52	3°Ⅲ04'26	47°15'22
	-3909 Mar 29 j 00:31	0°≈				-3907 Dec 07 j 16:12	0°Ⅲ	
	-3909 Apr 23 j 11:18	0°Ⅰ		asc. node		-3907 Dec 09 j 14:53	1°Ⅲ11'27	
	-3909 May 18 j 11:50	0°Ⅱ		greatest brilliancy		-3907 Dec 16 j 20:25	4°Ⅲ47'09	-4.9m
	-3909 Jun 12 j 03:25	0°Ⅲ		retrograde		-3907 Dec 27 j 15:25	7°Ⅲ01'09	
asc. node	-3909 Jun 24 j 21:25	15°Ⅲ40'58		evening set		-3906 Jan 13 j 09:16	1°Ⅲ27'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3906 Jan 15 j 17:40	30° RX		superior conj	-3904 Jun 07 j 05:08	14° S 01'41	0°27'10
min. Earth dist.	-3906 Jan 16 j 21:35	29° X 15'36	0.28356 AU	minimum elong	-3904 Jun 06 j 23:59	13° S 45'46	0°27'01
inferior conj	-3906 Jan 17 j 19:09	28° X 41'07	7°36'03		-3904 Jun 20 j 02:23	0° II	
minimum elong	-3906 Jan 17 j 11:57	28° X 52'38	7°34'58	evening rise	-3904 Jul 13 j 04:23	28° II 43'27	
morning rise	-3906 Jan 21 j 15:03	26° X 16'48			-3904 Jul 14 j 04:56	0° S	
direct	-3906 Feb 07 j 19:29	20° X 32'28			-3904 Aug 07 j 05:47	0° Q	
greatest brilliancy	-3906 Feb 16 j 16:11	21° X 59'23	-4.8m		-3904 Aug 31 j 06:59	0° M	
	-3906 Mar 04 j 04:26	0° S		desc. node	-3904 Sep 15 j 06:30	18° M 37'59	
morning max el	-3906 Mar 28 j 14:23	20° S 26'40	45°52'24		-3904 Sep 24 j 10:29	0° L	
desc. node	-3906 Mar 31 j 12:15	23° S 14'49			-3904 Oct 18 j 18:13	0° M	
	-3906 Apr 07 j 07:36	0° S			-3904 Nov 12 j 09:33	0° X	
	-3906 May 05 j 10:56	0° X			-3904 Dec 07 j 16:09	0° S	
	-3906 May 31 j 19:17	0° Y			-3903 Jan 03 j 09:53	0° S	
	-3906 Jun 26 j 04:17	0° S		asc. node	-3903 Jan 06 j 02:31	2° S 51'39	
	-3906 Jul 20 j 21:04	0° II		evening max el	-3903 Jan 16 j 14:00	13° S 35'07	45°50'29
asc. node	-3906 Jul 22 j 09:23	1° II 51'34			-3903 Feb 03 j 18:36	0° X	
	-3906 Aug 14 j 02:05	0° S		greatest brilliancy	-3903 Feb 23 j 20:43	12° X 18'51	-4.7m
greatest brilliancy	-3906 Sep 05 j 22:16	28° S 40'12	-3.9m	retrograde	-3903 Mar 06 j 16:59	14° X 26'54	
	-3906 Sep 06 j 23:36	0° Q		evening set	-3903 Mar 23 j 10:47	9° X 02'39	
morning set	-3906 Sep 22 j 16:34	19° Q 49'21		inferior conj	-3903 Mar 28 j 03:24	6° X 08'22	6°12'40
	-3906 Sep 30 j 17:54	0° M		minimum elong	-3903 Mar 28 j 12:18	5° X 54'16	6°10'57
	-3906 Oct 24 j 12:25	0° L		min. Earth dist.	-3903 Mar 28 j 15:11	5° X 49'42	0.29331 AU
				morning rise	-3903 Apr 02 j 13:51	2° X 48'07	
superior conj	-3906 Nov 02 j 23:12	11° L 53'51	0°19'08		-3903 Apr 08 j 03:19	30° R S	
minimum elong	-3906 Nov 03 j 04:21	12° L 10'03	0°18'51	direct	-3903 Apr 18 j 22:48	27° S 41'47	
max. Earth dist.	-3906 Nov 07 j 04:39	17° L 12'46	1.71111 AU	desc. node	-3903 Apr 27 j 23:38	29° S 11'05	
desc. node	-3906 Nov 11 j 05:08	22° L 15'40		greatest brilliancy	-3903 Apr 29 j 06:58	29° S 37'27	-4.7m
	-3906 Nov 17 j 09:11	0° M			-3903 Apr 30 j 07:18	0° X	
	-3906 Dec 11 j 09:02	0° X		morning max el	-3903 Jun 06 j 23:34	27° X 43'16	45°55'48
evening rise	-3906 Dec 15 j 08:18	4° X 56'41			-3903 Jun 09 j 08:06	0° Y	
	-3905 Jan 04 j 12:24	0° S			-3903 Jul 07 j 20:29	0° S	
	-3905 Jan 28 j 20:16	0° S			-3903 Aug 02 j 22:57	0° II	
	-3905 Feb 22 j 10:36	0° X		asc. node	-3903 Aug 18 j 21:14	19° II 03'14	
asc. node	-3905 Mar 04 j 00:30	11° X 34'05			-3903 Aug 27 j 21:04	0° S	
	-3905 Mar 19 j 10:22	0° Y			-3903 Sep 21 j 03:20	0° Q	
	-3905 Apr 14 j 00:04	0° S			-3903 Oct 15 j 01:55	0° M	
	-3905 May 10 j 12:28	0° II			-3903 Nov 07 j 22:41	0° L	
	-3905 Jun 08 j 01:03	0° S			-3903 Dec 01 j 21:08	0° M	
evening max el	-3905 Jun 11 j 17:29	3° S 35'16	45°57'48	morning set	-3903 Dec 08 j 22:03	8° M 47'32	
desc. node	-3905 Jun 23 j 20:33	14° S 40'02		desc. node	-3903 Dec 08 j 17:14	8° M 32'32	
	-3905 Jul 15 j 16:05	0° Q			-3903 Dec 25 j 22:31	0° X	
greatest brilliancy	-3905 Jul 21 j 22:23	2° Q 35'35	-4.8m				
retrograde	-3905 Jul 31 j 04:24	4° Q 09'33		superior conj	-3902 Jan 19 j 03:38	0° S 02'46	-1°16'26
	-3905 Aug 14 j 20:59	30° R S		minimum elong	-3902 Jan 18 j 19:44	29° X 38'17	1°16'27
	-3905 Aug 18 j 03:07	28° S 10'35			-3902 Jan 19 j 02:45	0° S	
evening set	-3905 Aug 20 j 23:54	26° S 27'54	-8°57'10		-3902 Jan 22 j 15:37	4° S 22'41	1.72688 AU
inferior conj	-3905 Aug 21 j 00:24	26° S 27'08	8°57'00	max. Earth dist.	-3902 Feb 12 j 09:33	0° S	
minimum elong	-3905 Aug 21 j 09:37	26° S 13'13	0.27114 AU	evening rise	-3902 Feb 26 j 17:40	17° S 39'01	
min. Earth dist.	-3905 Aug 23 j 21:34	24° S 43'41		greatest brilliancy	-3902 Mar 04 j 05:29	24° S 23'52	-3.9m
morning rise	-3905 Sep 10 j 17:30	18° S 42'39			-3902 Mar 08 j 19:04	0° X	
direct	-3905 Sep 21 j 13:49	20° S 55'54	-4.9m	asc. node	-3902 Mar 31 j 12:52	27° X 48'59	
greatest brilliancy	-3905 Oct 07 j 00:03	0° Q			-3902 Apr 02 j 07:51	0° Y	
	-3905 Oct 14 j 18:08	6° Q 17'58			-3902 Apr 27 j 00:33	0° S	
asc. node	-3905 Oct 31 j 14:27	22° Q 22'42	46°52'22		-3902 May 21 j 22:14	0° II	
morning max el	-3905 Nov 07 j 21:03	0° M			-3902 Jun 16 j 03:10	0° S	
	-3905 Dec 04 j 16:01	0° L			-3902 Jul 11 j 20:46	0° Q	
	-3905 Dec 30 j 04:56	0° M		desc. node	-3902 Jul 21 j 08:12	10° Q 47'41	
	-3904 Jan 24 j 07:56	0° X			-3902 Aug 07 j 16:31	0° M	
desc. node	-3904 Feb 03 j 15:12	12° X 21'45		evening max el	-3902 Aug 24 j 15:09	17° M 40'42	47°22'33
	-3904 Feb 18 j 06:59	0° S			-3902 Sep 06 j 14:37	0° L	
	-3904 Mar 14 j 03:21	0° S		greatest brilliancy	-3902 Oct 04 j 14:46	18° L 49'46	-4.9m
	-3904 Apr 07 j 20:45	0° X		retrograde	-3902 Oct 14 j 06:36	20° L 36'08	
morning set	-3904 May 02 j 08:13	29° X 52'31		evening set	-3902 Oct 28 j 23:32	16° L 16'25	
	-3904 May 02 j 10:39	0° Y		inferior conj	-3902 Nov 03 j 19:49	12° L 47'51	-1°53'27
asc. node	-3904 May 26 j 11:22	29° Y 31'40		minimum elong	-3902 Nov 03 j 23:59	12° L 41'25	1°52'09
	-3904 May 26 j 20:33	0° S		min. Earth dist.	-3902 Nov 03 j 10:40	13° L 01'58	0.26435 AU
max. Earth dist.	-3904 Jun 03 j 07:38	9° S 12'37	1.73056 AU	morning rise	-3902 Nov 10 j 00:57	9° L 09'19	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3902 Nov 11 j 05:24	8°♌32'46		-3899 Jun 29 j 06:38	0°♋	
direct	-3902 Nov 24 j 01:53	5°♌12'11		-3899 Jul 23 j 18:17	0°♌	
greatest brilliancy	-3902 Dec 03 j 18:55	7°♌00'15	-4.9m	-3899 Aug 17 j 10:13	0°♍	
	-3901 Jan 05 j 07:55	0°♍		desc. node	-3899 Aug 17 j 20:20	0°♍30'35
morning max el	-3901 Jan 12 j 23:23	7°♍21'28	46°25'54	-3899 Sep 11 j 10:23	0°♎	
	-3901 Feb 03 j 16:49	0°♎		-3899 Oct 07 j 03:01	0°♍	
	-3901 Mar 02 j 14:28	0°♎		-3899 Nov 03 j 12:58	0°♎	
desc. node	-3901 Mar 03 j 02:59	0°♎35'41		evening max el	-3899 Nov 04 j 06:16	0°♎44'23 47°17'45
	-3901 Mar 28 j 13:28	0°♏		asc. node	-3899 Dec 08 j 17:01	29°♎42'47
	-3901 Apr 22 j 23:22	0°♏		-3899 Dec 09 j 05:32	0°♎	
	-3901 May 17 j 23:23	0°♏		greatest brilliancy	-3899 Dec 14 j 12:40	2°♎30'02 -4.9m
	-3901 Jun 11 j 14:42	0°♏		retrograde	-3899 Dec 25 j 07:58	4°♎44'42
asc. node	-3901 Jun 23 j 23:26	15°♏12'42		-3898 Jan 09 j 15:38	30°♏♎	
	-3901 Jul 05 j 22:06	0°♐		evening set	-3898 Jan 10 j 22:16	29°♎15'07
morning set	-3901 Jul 09 j 19:15	4°♐49'30				
	-3901 Jul 29 j 23:01	0°♐				
max. Earth dist.	-3901 Aug 13 j 08:02	18°♐03'15	1.71354 AU			
superior conj	-3901 Aug 16 j 07:47	21°♐48'54	1°23'49			
minimum elong	-3901 Aug 16 j 06:29	21°♐44'50	1°23'57			
	-3901 Aug 22 j 19:51	0°♑				
	-3901 Sep 15 j 15:22	0°♑				
evening rise	-3901 Sep 25 j 03:47	11°♑58'39				
	-3901 Oct 09 j 11:58	0°♑				
desc. node	-3901 Oct 13 j 18:53	5°♑22'50				
	-3901 Nov 02 j 11:08	0°♑				
	-3901 Nov 26 j 13:56	0°♑				
	-3901 Dec 20 j 22:20	0°♑				
	-3900 Jan 14 j 16:28	0°♑				
asc. node	-3900 Feb 03 j 14:25	23°♑32'23				
	-3900 Feb 09 j 04:12	0°♒				
	-3900 Mar 07 j 01:47	0°♒				
evening max el	-3900 Mar 28 j 08:18	21°♒37'02	45°07'12			
	-3900 Apr 06 j 12:37	0°♒				
greatest brilliancy	-3900 May 05 j 02:11	18°♒47'44	-4.7m			
retrograde	-3900 May 15 j 13:23	20°♒45'03				
desc. node	-3900 May 25 j 11:04	18°♒51'07				
evening set	-3900 May 30 j 10:54	16°♒33'56				
inferior conj	-3900 Jun 05 j 21:43	12°♒48'12	-2°38'41			
minimum elong	-3900 Jun 05 j 16:01	12°♒56'56	2°36'58			
min. Earth dist.	-3900 Jun 06 j 09:46	12°♒29'42	0.28420 AU			
morning rise	-3900 Jun 11 j 20:19	9°♒16'24				
direct	-3900 Jun 27 j 11:10	4°♒37'32				
greatest brilliancy	-3900 Jul 08 j 15:30	6°♒51'44	-4.8m			
	-3900 Aug 10 j 00:21	0°♓				
morning max el	-3900 Aug 16 j 08:56	6°♓09'20	46°30'57			
	-3900 Sep 07 j 19:13	0°♓				
asc. node	-3900 Sep 15 j 08:56	8°♓34'40				
	-3900 Oct 03 j 15:38	0°♓				
	-3900 Oct 28 j 09:38	0°♓				
	-3900 Nov 21 j 17:49	0°♓				
	-3900 Dec 16 j 00:06	0°♓				
desc. node	-3899 Jan 05 j 05:24	24°♓57'22				
	-3899 Jan 09 j 07:39	0°♓				
	-3899 Feb 02 j 16:56	0°♓				
morning set	-3899 Feb 21 j 06:02	22°♓46'26				
	-3899 Feb 27 j 03:21	0°♓				
	-3899 Mar 23 j 14:09	0°♓				
max. Earth dist.	-3899 Mar 29 j 16:09	7°♓27'53	1.73717 AU			
superior conj	-3899 Mar 30 j 06:50	8°♓12'55	-1°00'18			
minimum elong	-3899 Mar 30 j 15:28	8°♓39'25	1°00'05			
	-3899 Apr 17 j 00:51	0°♓				
asc. node	-3899 Apr 28 j 01:09	13°♓31'28				
evening rise	-3899 May 05 j 07:44	22°♓27'31				
	-3899 May 11 j 11:03	0°♓				
	-3899 Jun 04 j 20:46	0°♓				