•	ical year style is used: Th		•	* * * · · · · · · · · · · · · · · · · ·			50 1
superior conj	-5899 Apr 10 j 12:06	4° <b>∺</b> 26'39		evening set	-5897 Aug 30 j 08:58	27° <b>©</b> 32'00	
minimum elong	-5899 Apr 10 j 19:32	4° <b>)</b> 49′28		inferior conj	-5897 Sep 02 j 09:10	25°5643'48	-8°35'19
asc. node	-5899 Apr 30 j 22:44	29° <b>)</b> 37′01		minimum elong	-5897 Sep 02 j 15:44	25°933'50	
	-5899 May 01 j 06:11	0°Υ		min. Earth dist.	-5897 Sep 02 j 13:12	25°937'40	0.26619 AU
evening rise	-5899 May 16 j 01:10	18° <b>Ƴ</b> 15'37		morning rise	-5897 Sep 05 j 22:23	23°936'23	
	-5899 May 25 j 12:58	0°8		direct	-5897 Sep 22 j 16:59	18°908'13	
	-5899 Jun 18 j 18:19	0°II		greatest brilliancy	-5897 Oct 03 j 05:24	20°9514'05	-4.9m
	-5899 Jul 12 j 23:37	0ංම _		asc. node	-5897 Oct 16 j 18:55	27°952'15	
	-5899 Aug 06 j 06:59	$0^{\circ}\Omega$			-5897 Oct 19 j 15:50	$0^{\circ}\Omega$	
desc. node	-5899 Aug 20 j 23:50	18° <b>Ω</b> 02'13		morning max el	-5897 Nov 12 j 07:58	21° <b>Ω</b> 33'41	46°42'24
	-5899 Aug 30 j 19:12	0° m/y		Č	-5897 Nov 20 j 10:27	0° m/p	
	-5899 Sep 24 j 16:32	0∘ <u>⊽</u>			-5897 Dec 17 j 11:59	0∘ <u>⊽</u>	
	-5899 Oct 20 j 08:10	0° <b>M</b> .			-5896 Jan 12 j 09:45	0° <b>M</b> .	
	-5899 Nov 16 j 21:44	0° <b>∡</b> ¹		desc. node	-5896 Feb 05 j 23:23	28°M56'23	
evening max el	-5899 Nov 17 j 04:01	0° <b>∡</b> 15'59	46°40'46		-5896 Feb 06 j 20:52	0° <b>∡</b> ¹	
asc. node	-5899 Dec 11 j 14:35	22° <b>∡</b> 13′09			-5896 Mar 03 j 01:29	5°0	
	-5899 Dec 24 j 08:10	0°ರ			-5896 Mar 28 j 00:09	0° <b>≈</b>	
greatest brilliancy	-5899 Dec 26 j 11:30	0°る54'44	-4.8m		-5896 Apr 21 j 16:45	0° <b>)</b> €	
retrograde	-5898 Jan 06 j 12:10	3° <b>ට</b> 11'35		morning set	-5896 May 11 j 05:32	23° <b>¥</b> 57′01	
	-5898 Jan 19 j 00:29	30°R <b>∡</b> 7			-5896 May 16 j 03:20	0°Υ	
evening set	-5898 Jan 23 j 20:15	27° <b>∡</b> 17'57		asc. node	-5896 May 28 j 11:34	15° <b>Ƴ</b> 15'49	
inferior conj	-5898 Jan 27 j 20:10	24° <b>∡</b> ¹45'48	8°00'38		-5896 Jun 09 j 08:20	0°B	
minimum elong	-5898 Jan 27 j 16:13	24° <b>₹</b> 52'09	8°00'02	max. Earth dist.	-5896 Jun 11 j 20:54		1.72300 AU
min. Earth dist.	-5898 Jan 27 j 08:49	25° <b>∡</b> ¹04'06	0.29133 AU				
morning rise	-5898 Jan 31 j 12:28	22° <b>∡</b> ¹25'49		superior conj	-5896 Jun 16 j 07:37	8° <b>8</b> 41'09	0°42'13
direct	-5898 Feb 18 j 07:57	16° <b>∡</b> ¹23'14		minimum elong	-5896 Jun 16 j 00:04	8° <b>8</b> 17'36	
greatest brilliancy	-5898 Feb 27 j 10:34	17° <b>∡</b> 754'05	-4.7m		-5896 Jul 03 j 08:51	0°II	
8	-5898 Mar 20 j 13:31	0°ප		evening rise	-5896 Jul 23 j 05:41	24° <b>Ⅱ</b> 55'24	
desc. node	-5898 Apr 02 j 20:08	11ºපි11'11		<b>3</b>	-5896 Jul 27 j 06:44	0ంత	
morning max el	-5898 Apr 08 j 01:08	16° <b>ට</b> 01'52	45°51'02		-5896 Aug 20 j 04:25	$0^{\circ}\Omega$	
S	-5898 Apr 22 j 02:43	0° <b>≈</b>			-5896 Sep 13 j 04:08	0° m/p	
	-5898 May 19 j 18:51	0° <b>∀</b>		desc. node	-5896 Sep 17 j 12:18	5° m) 24'37	
	-5898 Jun 14 j 17:33	$0^{\circ}\mathbf{\Upsilon}$			-5896 Oct 07 j 07:42	0∘ <del>⊽</del>	
	-5898 Jul 09 j 16:51	0°8			-5896 Oct 31 j 17:04	0° <b>M</b> .	
asc. node	-5898 Jul 24 j 10:35	18° <b>8</b> 05'43			-5896 Nov 25 j 12:13	0° <b>∡</b> ¹	
	-5898 Aug 03 j 00:53	$\Pi^{\circ}$			-5896 Dec 21 j 02:39	0°ರ	
	-5898 Aug 26 j 23:26	0ಂಣ		asc. node	-5895 Jan 08 j 01:41	19° <b>る</b> 59'54	
	-5898 Sep 19 j 17:44	$0^{\circ}\Omega$			-5895 Jan 17 j 12:52	0° <b>≈</b>	
morning set	-5898 Oct 05 j 12:08	19° <b>Ω</b> 54'47		evening max el	-5895 Jan 26 j 21:15	9° <b>≈</b> 21'27	45°16'53
	-5898 Oct 13 j 12:09	0° <b>m</b> )			-5895 Feb 20 j 10:14	0° <b>∀</b>	
	-5898 Nov 06 j 09:23	0∘ <b>亚</b>		greatest brilliancy	-5895 Mar 05 j 14:15	6° <b>¥</b> 59'04	-4.7m
desc. node	-5898 Nov 13 j 11:55	8° <b>£</b> 53'15		retrograde	-5895 Mar 16 j 06:31	9° <b>₩</b> 01'58	
				evening set	-5895 Apr 01 j 10:45	4° <b>)</b> €03'07	
superior conj	-5898 Nov 16 j 18:10	12° <b>≏</b> 57'37	-0°07'32	inferior conj	-5895 Apr 06 j 17:06	0° <b>)</b> 52′17	4°59'30
minimum elong	-5898 Nov 16 j 16:07	12° <b>≙</b> 51'11	0°07'30	minimum elong	-5895 Apr 07 j 01:43	0° <b>)</b> 38′50	4°57'23
behind sun begin	-5898 Nov 15 j 15:51	11° <b>≙</b> 35'27		min. Earth dist.	-5895 Apr 07 j 14:48	0° <b>)</b> 18′26	0.29175 AU
behind sun end	-5898 Nov 17 j 16:22	14° <b>≙</b> 06'54			-5895 Apr 08 j 02:39	30° <b>R</b> ≈	
max. Earth dist.	-5898 Nov 22 j 09:53	20° <b>ഫ</b> 00'50	1.71779 AU	morning rise	-5895 Apr 12 j 16:11	27° <b>≈</b> 16′16	
	-5898 Nov 30 j 10:20	0° <b>M</b>		direct	-5895 Apr 28 j 13:54	22° <b>≈</b> 26'42	
	-5898 Dec 24 j 14:45	0° <b>∡</b> ¹		desc. node	-5895 Apr 30 j 07:06	22° <b>≈</b> 30′05	
evening rise	-5898 Dec 28 j 02:42	4° <b>∡</b> 19'32		greatest brilliancy	-5895 May 09 j 14:44	24° <b>≈</b> 37′03	-4.7m
	-5897 Jan 17 j 22:30	0°ರ			-5895 May 20 j 04:42	0° <b>∀</b>	
	-5897 Feb 11 j 10:24	0° <b>≈</b>		morning max el	-5895 Jun 17 j 00:49	23° <b>₩</b> 02'22	46°11'45
asc. node	-5897 Mar 05 j 23:21	27° <b>≈</b> 20′19			-5895 Jun 24 j 00:26	$0$ ° $\Upsilon$	
	-5897 Mar 08 j 04:21	0° <b>∀</b>			-5895 Jul 21 j 14:50	$0^{\circ}S$	
	-5897 Apr 02 j 06:56	$0^{\circ}$ $\Upsilon$			-5895 Aug 16 j 03:47	$\Pi^{\circ}0$	
	-5897 Apr 27 j 22:02	$9^{\circ}$ 8		asc. node	-5895 Aug 20 j 22:33	5° <b>Ⅱ</b> 46'19	
	-5897 May 24 j 09:59	$\Pi^{\circ}0$			-5895 Sep 09 j 17:10	0ංම	
	-5897 Jun 21 j 20:40	0ಂತ			-5895 Oct 03 j 19:28	$0^{\circ}\Omega$	
evening max el	-5897 Jun 23 j 14:24	1°542'32	46°39'48		-5895 Oct 27 j 18:38	0° <b>m</b> )	
desc. node	-5897 Jun 26 j 02:50	4° <b>গু</b> 08'58			-5895 Nov 20 j 19:20	0∘ <b>亚</b>	
	-5897 Jul 29 j 22:18	$0^{\circ}\Omega$		desc. node	-5895 Dec 11 j 00:41	25° <b>♀</b> 07'05	
greatest brilliancy	-5897 Aug 03 j 17:20	1° <b>Ω</b> 53'49	-4.9m		-5895 Dec 14 j 23:18	$0^{\circ}$ M	
retrograde	-5897 Aug 12 j 16:28	3° <b>Ω</b> 24'09		morning set	-5895 Dec 21 j 17:41	8°M22'10	
	-5897 Aug 25 j 20:24	30° <b>₹</b> 5			-5894 Jan 08 j 06:12	0° <b>∡</b> ¹	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 2 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical c	ounting style.	5
superior conj	-5894 Jan 30 j 10:28	27° <b>∡</b> 18′26	-1°21'27	direct	-5892 Jul 07 j 23:09	1° <b>8</b> 07'30	
minimum elong	-5894 Jan 30 j 07:15	27° <b>∡</b> 08'31	1°21'48	greatest brilliancy	-5892 Jul 19 j 01:51	3° <b>8</b> 22'36	-4.8m
max. Earth dist.	-5894 Jan 31 j 17:11		1.73377 AU		-5892 Aug 23 j 16:12	$\Pi$ °0	
	-5894 Feb 01 j 15:00	0°ප		morning max el	-5892 Aug 27 j 08:18	3° <b>Ⅱ</b> 39'56	46°44'28
	-5894 Feb 26 j 01:01	0° <b>≈</b>		asc. node	-5892 Sep 17 j 10:10	26° <b>Ⅱ</b> 19'32	
evening rise	-5894 Mar 08 j 13:01	12°≈53'01	• 0		-5892 Sep 20 j 16:03	0°©	
greatest brilliancy	-5894 Mar 11 j 06:50	16°≈14'46	-3.9m		-5892 Oct 16 j 06:16	0° <b>N</b>	
1	-5894 Mar 22 j 12:15	0° <b>\</b> 120 <b>\</b> (270€			-5892 Nov 10 j 00:51	0° <b>m</b> )	
asc. node	-5894 Apr 02 j 12:01 -5894 Apr 16 j 01:07	13° <b>¥</b> 27'06 0° <b>Ƴ</b>			-5892 Dec 04 j 13:58 -5892 Dec 29 j 03:13	0° <b>៤</b>	
	-5894 May 10 j 16:17	0°8		desc. node	-5891 Jan 07 j 13:19	11°ML29'39	
	-5894 Jun 04 j 10:56	0°II		desc. Hode	-5891 Jan 22 j 17:34	0° <b>√</b>	
	-5894 Jun 29 j 11:40	0°9			-5891 Feb 16 j 07:59	0°ਤ	
desc. node	-5894 Jul 23 j 14:02	28°521'00		morning set	-5891 Mar 03 j 07:39	18°る18'20	
	-5894 Jul 25 j 00:11	$0^{\circ}\Omega$		8	-5891 Mar 12 j 21:09	0° <b>≈</b>	
	-5894 Aug 20 j 14:19	0° <b>m</b>		max. Earth dist.	-5891 Apr 05 j 19:12	29° <b>≈</b> 19'44	1.73666 AU
evening max el	-5894 Sep 04 j 21:24	16°M)08'56	47°41'13		-5891 Apr 06 j 08:19	0° <b>)</b>	
	-5894 Sep 19 j 07:51	0∘ <b>⊽</b>					
greatest brilliancy	-5894 Oct 15 j 19:31	18° <b>≏</b> 00'37	-4.9m	superior conj	-5891 Apr 08 j 07:24	2° <b>)</b> €24'38	
retrograde	-5894 Oct 26 j 00:28	20° <b>≏</b> 01'14		minimum elong	-5891 Apr 08 j 15:03	2° <b>)</b> 48′09	0°47'26
evening set	-5894 Nov 09 j 14:13	15° <b>≏</b> 39'57		asc. node	-5891 Apr 30 j 00:50	29° <b>∺</b> 09'21	
asc. node	-5894 Nov 13 j 05:42	13° <b>≏</b> 30'45			-5891 Apr 30 j 17:16	0° <b>Υ</b>	
min. Earth dist.	-5894 Nov 14 j 21:47	12° <b>£</b> 28'20		evening rise	-5891 May 13 j 20:31	16° <b>Y</b> 12'37	
inferior conj	-5894 Nov 15 j 17:45	11° <b>⊆</b> 57'00			-5891 May 25 j 00:13	0° <b>B</b>	
minimum elong	-5894 Nov 15 j 16:23	11° <b>£</b> 59'08	0°37'08		-5891 Jun 18 j 05:51	0°II	
morning rise	-5894 Nov 21 j 19:31	8° <b>♀</b> 19'12			-5891 Jul 12 j 11:31	0° <b>©</b>	
direct greatest brilliancy	-5894 Dec 06 j 03:59 -5894 Dec 15 j 07:49	4° <b>♀</b> 09'34 5° <b>♀</b> 45'44	1 8m	desc. node	-5891 Aug 05 j 19:22 -5891 Aug 20 j 02:03	0° <b>Ω</b> 17° <b>Ω</b> 29'53	
greatest billiancy	-5893 Jan 18 j 23:19	0°M	-4.0111	desc. node	-5891 Aug 20 j 02:03	0° <b>m</b>	
morning max el	-5893 Jan 24 j 12:15	5°M15'33	46°08'20		-5891 Sep 24 j 06:43	0∘ <b>ত</b> مالا	
morning max er	-5893 Feb 17 j 13:27	0° <b>⊼</b> ¹	40 00 20		-5891 Oct 20 j 00:26	o <b>−</b> 0° <b>n</b>	
desc. node	-5893 Mar 05 j 11:09	17° <b>∡</b> ¹25'34		evening max el	-5891 Nov 14 j 18:39	27°M56'02	46°44'06
	-5893 Mar 16 j 15:21	0°ರ		<i>y</i>	-5891 Nov 16 j 19:45	0° <b>∡</b> ¹	
	-5893 Apr 11 j 15:19	0° <b>≈</b>		asc. node	-5891 Dec 10 j 16:44	21° <b>х</b> *01'18	
	-5893 May 06 j 22:48	0° <b>)</b>		greatest brilliancy	-5891 Dec 24 j 05:23	28° <b>∡</b> ¹44'27	-4.8m
	-5893 May 31 j 17:39	$0^{\circ}\mathbf{\Upsilon}$			-5891 Dec 27 j 23:20	ರ°ರ	
	-5893 Jun 25 j 02:12	$0^{\circ}$ 8		retrograde	-5890 Jan 04 j 05:03	1° <b>る</b> 01'05	
asc. node	-5893 Jun 26 j 00:14	1° <b>8</b> 08'22			-5890 Jan 11 j 05:31	30°₹ <b>৴</b>	
	-5893 Jul 19 j 02:48	$\Pi^{\circ}0$		evening set	-5890 Jan 21 j 11:23	25° <b>∡</b> 10′28	
morning set	-5893 Jul 20 j 00:18	1° <b>Ⅱ</b> 07'29		min. Earth dist.	-5890 Jan 25 j 00:57	22° <b>×</b> 755'17	0.29081 AU
	-5893 Aug 11 j 22:23	0ං <b>ව</b>		inferior conj	-5890 Jan 25 j 13:13	22° <b>х</b> 35'30	7°56'34
	5002 A 27: 21.12	2006-00114	1921150	minimum elong	-5890 Jan 25 j 08:39	22° 🖈 42'52	7°55'52
superior conj minimum elong	-5893 Aug 27 j 21:13 -5893 Aug 28 j 01:32	20°909'14 20°922'51	1°21'58 1°22'16	morning rise direct	-5890 Jan 29 j 06:10 -5890 Feb 15 j 23:38	20° <b>х</b> 14'27 14° <b>х</b> 13'43	
max. Earth dist.	-5893 Aug 28 j 10:59		1.70828 AU	greatest brilliancy	-5890 Feb 25 j 02:17	15° <b>х</b> 1343	-4.7m
max. Earth dist.	-5893 Sep 04 j 16:15	0°Ω	1.70020710	greatest orimaney	-5890 Mar 20 j 23:38	0°る	4.7III
	-5893 Sep 28 j 11:14	0° <b>m</b> )		desc. node	-5890 Apr 01 j 22:22	10°る19'50	
evening rise	-5893 Oct 08 j 17:47	12° m 54'32		morning max el	-5890 Apr 05 j 16:18	13° <b>る</b> 50'10	45°50'57
desc. node	-5893 Oct 16 j 01:08	22° <b>m</b> 04'11			-5890 Apr 21 j 20:54	0° <b>≈</b>	
	-5893 Oct 22 j 09:14	0∘ <b>⊽</b>			-5890 May 19 j 09:20	0° <b>∀</b>	
	-5893 Nov 15 j 11:07	0°M₊			-5890 Jun 14 j 06:31	$0^{\circ}$ Y	
	-5893 Dec 09 j 17:44	0° <b>∡</b> ¹			-5890 Jul 09 j 05:05	$0^{\circ}S$	
	-5892 Jan 03 j 07:05	0°ප		asc. node	-5890 Jul 23 j 12:46	17° <b>8</b> 35'31	
	-5892 Jan 28 j 07:42	0° <b>≈</b>			-5890 Aug 02 j 12:42	$\Pi$ $^{\circ}0$	
asc. node	-5892 Feb 05 j 13:18	9° <b>≈</b> 41'22			-5890 Aug 26 j 11:02	0°©	
	-5892 Feb 23 j 03:54	0° <b>∀</b>		. ,	-5890 Sep 19 j 05:14	0°Ω	
ovonina mass -1	-5892 Mar 21 j 13:13	0° <b>Υ</b> 17° <b>Υ</b> 35'32	45°13'25	morning set	-5890 Oct 02 j 22:02	17° <b>Ω</b> 18'21	
evening max el	-5892 Apr 08 j 02:55 -5892 Apr 22 j 02:40	0° <b>8</b>	73 13 43		-5890 Oct 12 j 23:35 -5890 Nov 05 j 20:46	0 <b>் ऌ</b> 0 <b>் மி</b>	
greatest brilliancy	-5892 Apr 22 j 02.40 -5892 May 16 j 09:42	14° <b>8</b> 59'02	-4.7m	desc. node	-5890 Nov 03 j 20.46 -5890 Nov 12 j 13:53	0 <u>₽</u> 8° <b>₽</b> 23'56	
retrograde	-5892 May 26 j 13:41	16° <b>8</b> 48'51	1./111	dose, node	5070 1107 12 j 15.55	0 -25 50	
desc. node	-5892 May 27 j 17:59	16° <b>8</b> 47'15		superior conj	-5890 Nov 14 j 03:15	10° <b>≏</b> 20'37	-0°03'38
evening set	-5892 Jun 10 j 13:15	12° <b>8</b> 36'29		minimum elong	-5890 Nov 14 j 02:14	10° <b>⊆</b> 17'29	
inferior conj	-5892 Jun 16 j 16:23	9° <b>8</b> 03'46	-4°32'13	behind sun begin	-5890 Nov 12 j 23:40	8° <b>≏</b> 54'29	
minimum elong	-5892 Jun 16 j 07:21	9° <b>8</b> 17'25	4°29'41	behind sun end	-5890 Nov 15 j 04:48	11° <b>≏</b> 40′27	
min. Earth dist.	-5892 Jun 17 j 01:26	8° <b>8</b> 50'03	0.27703 AU	max. Earth dist.	-5890 Nov 19 j 17:40	17° <b>≏</b> 20'04	1.71716 AU
morning rise	-5892 Jun 22 j 00:49	5° <b>8</b> 54'52			-5890 Nov 29 j 21:40	0° <b>M</b>	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 3 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom		ne year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	counting style.	
	-5890 Dec 24 j 02:02	0° <b>∡</b> ¹			-5887 May 21 j 03:33	0° <b>∀</b>	
evening rise	-5890 Dec 25 j 15:26	1° <b>∡</b> 55'37		morning max el	-5887 Jun 14 j 17:39	20° <b>)</b> 52′53	46°10'30
	-5889 Jan 17 j 09:48	0°₹			-5887 Jun 23 j 20:02	0° <b>Υ</b>	
	-5889 Feb 10 j 21:52	0° <b>≈</b>			-5887 Jul 21 j 05:54	0° <b>8</b>	
asc. node	-5889 Mar 05 j 01:38	26°≈51'39			-5887 Aug 15 j 17:07	0°П	
	-5889 Mar 07 j 16:11	0° <b>){</b>		asc. node	-5887 Aug 20 j 00:51	5° <b>Ⅱ</b> 13'29	
	-5889 Apr 01 j 19:32	0°Ƴ			-5887 Sep 09 j 05:40	0° <b>©</b>	
	-5889 Apr 27 j 12:03	8°0			-5887 Oct 03 j 07:33	0° <b>N</b>	
	-5889 May 24 j 02:47	0°Ⅱ 200Ⅲ.5155	46026110		-5887 Oct 27 j 06:25	0° <b>m</b>	
evening max el	-5889 Jun 21 j 02:36	29° <b>Ⅱ</b> 15'55 0° <b>⑤</b>	46°36'19	daga mada	-5887 Nov 20 j 06:52 -5887 Dec 10 j 02:47	0° <b>ჲ</b> 24° <b>ჲ</b> 38'31	
desc. node	-5889 Jun 21 j 20:43 -5889 Jun 25 j 04:55	3°5512'18		desc. node	-5887 Dec 10 j 02.47	0°M	
greatest brilliancy	-5889 Aug 01 j 04:27	29°©22'38	4.0m	morning set	-5887 Dec 19 j 05:20	5°M54'58	
greatest offinalicy	-5889 Aug 01 j 04.27	29 <b>3</b> 22 38	-4.9111	morning set	-5886 Jan 07 j 17:19	0° <b>√</b> 1	
retrograde	-5889 Aug 10 j 04:20	0° <b>Ω</b> 53'39			-3000 Jan 07 J 17.19	0 🗴	
retrograde	-5889 Aug 16 j 20:05	30° <b>₹</b> 55		superior conj	-5886 Jan 28 j 01:58	25° <b>∡</b> ¹04'35	-1°20'51
evening set	-5889 Aug 27 j 22:47	24°958'18		minimum elong	-5886 Jan 27 j 22:01	24° × 52'23	
inferior conj	-5889 Aug 30 j 21:00	23°5513'18	-8°41'58	max. Earth dist.	-5886 Jan 29 j 14:27		1.73339 AU
minimum elong	-5889 Aug 31 j 02:45	23°504'36	8°41'09	max. Earth dist.	-5886 Feb 01 j 02:01	0°る	1.75557110
min. Earth dist.	-5889 Aug 31 j 01:09	23°507'02			-5886 Feb 25 j 12:00	0° <b>≈</b>	
morning rise	-5889 Sep 03 j 06:38	21°5511'28		evening rise	-5886 Mar 06 j 07:09	10° <b>≈</b> 47'46	
direct	-5889 Sep 20 j 05:24	15° <b>©</b> 37'11		greatest brilliancy	-5886 Mar 10 j 00:23	15° <b>≈</b> 21'20	-3.9m
greatest brilliancy	-5889 Sep 30 j 18:33	17°5544'11	-4.9m	8	-5886 Mar 21 j 23:18	0° <b>)</b> €	
asc. node	-5889 Oct 15 j 21:03	26°530'08		asc. node	-5886 Apr 01 j 14:06	12° <b>)</b> 59′25	
	-5889 Oct 20 j 08:33	$0^{\circ}\Omega$			-5886 Apr 15 j 12:24	$0^{\circ}\mathbf{Y}$	
morning max el	-5889 Nov 09 j 21:47	19° <b>Ω</b> 07'13	46°43'22		-5886 May 10 j 03:59	0°8	
	-5889 Nov 20 j 06:49	0° <b>m</b>			-5886 Jun 03 j 23:18	$\Pi^{\circ}0$	
	-5889 Dec 17 j 03:48	0∘ <b>⊽</b>			-5886 Jun 29 j 01:06	0ಂತಾ	
	-5888 Jan 11 j 23:31	$0^{\circ}$ M		desc. node	-5886 Jul 22 j 16:16	27°5643'45	
desc. node	-5888 Feb 05 j 01:33	28°M25'20			-5886 Jul 24 j 15:26	$0$ $^{\circ}$ $\Omega$	
	-5888 Feb 06 j 09:28	0° <b>∡</b> ¹			-5886 Aug 20 j 09:20	0° <b>™</b>	
	-5888 Mar 02 j 13:21	ರ∘ರ		evening max el	-5886 Sep 02 j 13:12	13° <b>m</b> 48'57	47°40'51
	-5888 Mar 27 j 11:33	0° <b>≈</b>			-5886 Sep 19 j 16:08	0。 <b>⊽</b>	
	-5888 Apr 21 j 03:52	0° <b>)</b> €		greatest brilliancy	-5886 Oct 13 j 10:51	15° <b>≏</b> 35'45	-4.9m
morning set	-5888 May 09 j 00:42	21° <b>¥</b> 54′22		retrograde	-5886 Oct 23 j 14:44	17° <b>≏</b> 34'50	
	-5888 May 15 j 14:20	0° <b>Υ</b>		evening set	-5886 Nov 07 j 04:35	13° <b>≏</b> 13'56	
asc. node	-5888 May 27 j 13:38	14° <b>Y</b> ′48′13		asc. node	-5886 Nov 12 j 07:52	10° <b>≏</b> 08'52	
	-5888 Jun 08 j 19:21	0°8		min. Earth dist.	-5886 Nov 12 j 12:15		0.26955 AU
max. Earth dist.	-5888 Jun 09 j 15:57	1° <b>8</b> 04'06	1.72364 AU	inferior conj	-5886 Nov 13 j 07:26		
		col do ana		minimum elong	-5886 Nov 13 j 06:53	9° <b>Ω</b> 32'45	
superior conj	-5888 Jun 14 j 01:21	6° <b>8</b> 32'21	0°39'26	transit middle	-5886 Nov 13 j 06:53	9° <b>Ω</b> 32'45	0°14'35
minimum elong	-5888 Jun 13 j 18:12	6° <b>8</b> 10'03	0°39'19	transit begin	-5886 Nov 13 j 04:54	9° <b>£</b> 35'51	
	-5888 Jul 02 j 19:58	0°Ⅱ 22°Ⅲ2.€122		transit end	-5886 Nov 13 j 08:52	9° <b>Ω</b> 29'38	
evening rise	-5888 Jul 20 j 20:40 -5888 Jul 26 j 18:03	22° <b>∏</b> 36′22 0° <b>©</b>		morning rise	-5886 Nov 19 j 10:12	5° <b>Ω</b> 52'59	
	,	0°€ 0°€		direct greatest brilliancy	-5886 Dec 03 j 17:34	1° <b>£</b> 45'53 3° <b>£</b> 22'27	-4.8m
	-5888 Aug 19 j 15:57 -5888 Sep 12 j 15:56	0°mp		greatest brilliancy	-5886 Dec 12 j 21:44 -5885 Jan 19 j 00:36	0°M	-4.6111
desc. node	-5888 Sep 16 j 14:27	4° Mp 54'28		morning max el	-5885 Jan 22 j 02:14	2°M56'45	46°09'26
desc. node	-5888 Oct 06 j 19:46	0° <b>Ω</b>		morning max cr	-5885 Feb 17 j 06:14	2° 11030 43	40 07 20
	-5888 Oct 31 j 05:33	0°M		desc. node	-5885 Mar 04 j 13:23	16° <b>₹</b> 50'25	
	-5888 Nov 25 j 01:28	0° <b>⊼</b>		dese. Hode	-5885 Mar 16 j 05:14	0°る	
	-5888 Dec 20 j 17:31	0°ਰ			-5885 Apr 11 j 03:48	0° <b>≈</b>	
asc. node	-5887 Jan 07 j 03:51	19° <b>る</b> 19'28			-5885 May 06 j 10:31	0° <b>)</b> €	
	-5887 Jan 17 j 08:11	0° <b>≈</b>			-5885 May 31 j 04:56	0° <b>Υ</b>	
evening max el	-5887 Jan 24 j 13:46	7° <b>≈</b> 11'59	45°18'52		-5885 Jun 24 j 13:16	0°8	
<i>y</i>	-5887 Feb 21 j 10:19	0° <b>)</b> €		asc. node	-5885 Jun 25 j 02:26	0° <b>8</b> 40'52	
greatest brilliancy	-5887 Mar 03 j 06:15	4° <b>)</b> €51'38	-4.7m	morning set	-5885 Jul 17 j 15:26	28° <b>8</b> 49'48	
retrograde	-5887 Mar 13 j 23:38	6° <b>¥</b> 55'15		-	-5885 Jul 18 j 13:48	0°Щ	
evening set	-5887 Mar 30 j 05:55	1° <b>¥</b> 52'39			-5885 Aug 11 j 09:25	0ಂತಾ	
-	-5887 Apr 02 j 09:25	30° <b>R</b> ≈					
inferior conj	-5887 Apr 04 j 09:53	28° <b>≈</b> 44'37	5°13'59	superior conj	-5885 Aug 25 j 09:23	17°5541'10	1°22'37
minimum elong	-5887 Apr 04 j 18:39	28° <b>≈</b> 30'56	5°11'54	minimum elong	-5885 Aug 25 j 12:46	17° <b>©</b> 51'51	1°22'57
min. Earth dist.	-5887 Apr 05 j 06:45	28° <b>≈</b> 12'02	0.29212 AU	max. Earth dist.	-5885 Aug 25 j 12:02	17° <b>5</b> 49'30	1.70848 AU
morning rise	-5887 Apr 10 j 07:00	25° <b>≈</b> 11'14			-5885 Sep 04 j 03:21	$0^{\circ}\Omega$	
direct	-5887 Apr 26 j 07:26	20° <b>≈</b> 18′38			-5885 Sep 27 j 22:25	0° <b>m</b> )	
desc. node	-5887 Apr 29 j 09:07	20° <b>≈</b> 29′26		evening rise	-5885 Oct 06 j 01:57	10° <b>m</b> 14'14	
greatest brilliancy	-5887 May 07 j 05:49	22° <b>≈</b> 27'10	-4.7m	desc. node	-5885 Oct 15 j 03:08	21° <b>m</b> 35'08	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5885 Oct 21 j 20:31 0∘**⊽** -5882 May 18 j 23:22 0°) -5885 Nov 14 j 22:32 0°M -5882 Jun 13 j 19:04  $0^{\circ}\Upsilon$ -5885 Dec 09 j 05:19 0°×7 -5882 Jul 08 j 16:55 0°8 -5882 Jul 22 j 14:56 0°궁 17°806'30 -5884 Jan 02 j 19:01 asc. node -5882 Aug 02 j 00:09  $\Pi^{\circ}0$ -5884 Jan 27 j 20:20 0°≈ 000 asc. node -5884 Feb 04 j 15:36 9°≈09'59 -5882 Aug 25 j 22:17 -5884 Feb 22 j 18:06 0°**)** -5882 Sep 18 j 16:22 0 $\circ$  $\Omega$  $0^{\circ}\Upsilon$ -5884 Mar 21 j 07:17 morning set -5882 Sep 30 j 08:23 14°**Ω**44'26  $15^{\circ}$  $\Upsilon$ 19'28 evening max el -5884 Apr 05 j 16:45 45°11'50 -5882 Oct 12 j 10:39 0° m -5884 Apr 22 j 12:35 0°8 -5882 Nov 05 j 07:48 0°Ω greatest brilliancy -5884 May 13 j 23:19 12°**8**42'26 -4.7m -5884 May 24 j 02:54 -5882 Nov 11 j 12:31 retrograde 14°**8**32'19 superior conj 7°**2**45'15 0°00'21 -5882 Nov 11 j 12:35 desc. node -5884 May 26 j 20:10 14°**8**23'49 minimum elong 7°**≏**45'31 0°00'20 evening set -5884 Jun 08 j 01:25 10°**8**21'51 behind sun begin -5882 Nov 10 j 09:33 6°**£**20'58 inferior conj -5884 Jun 14 j 06:28 6°846'47 -4°13'07 behind sun end -5882 Nov 12 j 15:38 9°**£**10'02 minimum elong -5884 Jun 13 j 21:54 6°859'45 4°10'39 desc. node -5882 Nov 11 j 16:05 7°**≏**56'26 min. Earth dist. -5884 Jun 14 j 16:36 6°**8**31'27 0.27749 AU max. Earth dist. -5882 Nov 17 j 01:53 14°**₽**41'46 1.71657 AU morning rise -5884 Jun 19 j 17:37 3°**8**33'51 -5882 Nov 29 j 08:38 -5884 Jun 27 j 19:53 30°RΥ evening rise -5882 Dec 23 j 04:14 29°M32'59 direct -5884 Jul 05 j 13:16 28° **Y**49'20 -5882 Dec 23 j 12:59 0°**∡**7 -5884 Jul 13 j 12:26 0°8 -5881 Jan 16 j 20:48 0°궁 greatest brilliancy -5884 Jul 16 i 17:50 1°805'32 -4.8m -5881 Feb 10 i 09:03 0°≈ -5884 Aug 23 i 15:33  $\Pi$ °0 -5881 Mar 04 i 03:42 26°≈23'00 asc. node morning max el -5884 Aug 24 j 21:16 1°**I**14'44 46°43'50 -5881 Mar 07 i 03:49 0°**∀** -5884 Sep 16 j 12:17 25°**Ⅲ**37'41 -5881 Apr 01 j 07:57  $0^{\circ}\Upsilon$ asc. node -5884 Sep 20 j 08:29 0ಂತಾ -5881 Apr 27 j 01:54 0°8 -5884 Oct 15 j 20:17  $0^{\circ}\Omega$ -5881 May 23 j 19:33 0°Π -5884 Nov 09 j 13:42 0°m -5881 Jun 18 j 15:45 26°II52'56 46°32'59 evening max el -5884 Dec 04 j 02:08 0∘**⊽** -5881 Jun 21 j 21:27 0ಂತಾ  $0^{\circ}$ M -5884 Dec 28 j 14:54 -5881 Jun 24 j 07:10 2°915'59 desc. node -5881 Jul 29 j 15:02 11°ML01'09 26°952'28 -5883 Jan 06 j 15:30 -4.9m desc. node greatest brilliancy -5883 Jan 22 j 04:52 0°×7 -5881 Aug 07 j 16:38 28°9524'36 retrograde 0°궁 -5883 Feb 15 j 18:59 -5881 Aug 25 j 12:24 22°926'33 evening set -5883 Mar 01 j 01:08 16°**る**11'49 -5881 Aug 28 j 08:56 morning set inferior conj 20°5544'09 -8°47'41 -5881 Aug 28 j 13:50 -5883 Mar 12 j 07:57 0°≈ minimum elong 20°936'46 8°46'59 max. Earth dist. -5883 Apr 03 j 15:40 27°≈22'16 1.73685 AU min. Earth dist. -5881 Aug 28 j 12:46 20°538'22 0.26672 AU -5883 Apr 05 j 19:02 0°**∀** morning rise -5881 Aug 31 j 15:12 18°**9**47'31 -5881 Sep 17 j 18:27 13°907'47 direct superior conj -5883 Apr 06 j 02:31 0°**¥**23'01 -0°49'57 greatest brilliancy -5881 Sep 28 j 07:11 15°**©**14'55 -4.9m -5883 Apr 06 j 10:23 0°\(\mathbf{4}7'10\) 0°49'51 -5881 Oct 14 j 23:09 25°511'48 minimum elong asc. node -5883 Apr 29 j 02:53 28°\ 42'29 -5881 Oct 20 j 20:36  $0^{\circ}\Omega$ asc. node -5883 Apr 30 j 04:02  $0^{\circ}\Upsilon$ -5881 Nov 07 j 12:01 16°**Ω**42'58 46°44'18 morning max el -5883 May 11 j 15:58 14° **Y**11'00 -5881 Nov 20 j 02:11 0° m evening rise -5883 May 24 j 11:11  $0^{\circ}$ 8 -5881 Dec 16 j 18:59 0∘**ত** -5883 Jun 17 j 17:05  $\Pi^{\circ}0$ -5880 Jan 11 j 12:48 27°M55'27 -5883 Jul 11 j 23:06 0ಂತಾ desc. node -5880 Feb 04 i 03:43 -5883 Aug 05 i 07:26  $0^{\circ}\Omega$ -5880 Feb 05 i 21:40 0°×7 desc. node -5883 Aug 19 j 04:13 16°Ω58'31 -5880 Mar 02 i 00:53 0°정 -5883 Aug 29 j 21:02 0° m -5880 Mar 26 j 22:41 0°≈ -5883 Sep 23 i 20:35 0∘**⊽** -5880 Apr 20 j 14:47 0°\ -5883 Oct 19 j 16:31 0°M -5880 May 06 j 19:44 19° ¥ 52'05 morning set evening max el -5883 Nov 12 j 09:17 25°M37'08 46°47'14 -5880 May 15 j 01:08  $0^{\circ}\Upsilon$ -5880 May 26 j 15:51 14°**Y**21'41 -5883 Nov 16 j 18:12 0°×7 asc node 28°**Y**54'58 1.72424 AU asc. node -5883 Dec 09 j 18:58 19°**∡** 48'19 max. Earth dist. -5880 Jun 07 j 09:14 -5883 Dec 21 j 22:31 26°**х** 33′36 -4.8m -5880 Jun 08 j 06:09 0°8 greatest brilliancy -5882 Jan 01 j 22:04 28° × 50'50 retrograde 23°**₹**¹03'12 -5882 Jan 19 j 02:10 -5880 Jun 11 j 19:01 4°**8**24'09 0°36'36 evening set superior conj -5880 Jun 11 j 12:17 -5882 Jan 22 j 16:46 20°**∡**¹46'42 0.29032 AU 4°**8**03'11 0°36'29 min. Earth dist. minimum elong -5882 Jan 23 j 06:06 20°**х** 25′16 -5880 Jul 02 j 06:51  $0^{\circ}\Pi$ inferior conj 7°51'43 -5882 Jan 23 j 00:57 7°50'56 -5880 Jul 18 j 11:43 20° II 18′26 minimum elong 20°**х** 33′33 evening rise 0ಂತಾ morning rise -5882 Jan 26 j 23:59 18°**∡** 02'55 -5880 Jul 26 j 05:07 -5882 Feb 13 j 15:13 12°**₹**'04'06 -5880 Aug 19 j 03:15 0° $\Omega$ greatest brilliancy -5882 Feb 22 j 17:55 13°**х** 34′48 -4.7m -5880 Sep 12 j 03:29 0° m -5882 Mar 21 j 06:50 0°궁 desc. node -5880 Sep 15 j 16:28 4° m 24'37 desc. node -5882 Apr 01 j 00:23 9°**る**29'31 -5880 Oct 06 j 07:38 0∘**⊽** -5882 Apr 03 j 08:09 11°る40'39 45°51'00 -5880 Oct 30 j 17:50 0°M morning max el

-5880 Nov 24 j 14:32

0°**∡**7

-5882 Apr 21 j 14:25

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 5 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	unting style is the year	5900 BCE in historical c	ounting style.	5
	-5880 Dec 20 j 08:19	ರ∘ರ		desc. node	-5877 Mar 03 j 15:21	16° <b>∡</b> 14'51	
asc. node	-5879 Jan 06 j 06:08	18° <b>る</b> 39'43			-5877 Mar 15 j 18:58	0°ಕ	
	-5879 Jan 17 j 03:47	0° <b>≈</b>			-5877 Apr 10 j 16:12	0° <b>≈</b>	
evening max el	-5879 Jan 22 j 06:07	5° <b>≈</b> 02'42	45°20'46		-5877 May 05 j 22:12	0° <b>∀</b>	
	-5879 Feb 22 j 19:50	0° <b>)</b>			-5877 May 30 j 16:15	$0^{\circ}$ $\Upsilon$	
greatest brilliancy	-5879 Feb 28 j 22:43	2° <b>)</b> 45′19	-4.7m	asc. node	-5877 Jun 24 j 04:37	0° <b>8</b> 13'02	
retrograde	-5879 Mar 11 j 16:17	4° <b>)</b> 48′52			-5877 Jun 24 j 00:25	$0^{\circ}S$	
	-5879 Mar 27 j 12:54	30° <b>R</b> ≈		morning set	-5877 Jul 15 j 06:21	26° <b>8</b> 31'10	
evening set	-5879 Mar 28 j 01:04	29° <b>≈</b> 42'40			-5877 Jul 18 j 00:55	$\Pi^{\circ}0$	
inferior conj	-5879 Apr 02 j 02:39	26° <b>≈</b> 37'25	5°28'05		-5877 Aug 10 j 20:35	0ಂಣ	
minimum elong	-5879 Apr 02 j 11:29	26° <b>≈</b> 23'34	5°26'02				
min. Earth dist.	-5879 Apr 02 j 22:48	26° <b>≈</b> 05'51	0.29249 AU	superior conj	-5877 Aug 22 j 21:21	15° <b>©</b> 12'01	1°23'07
morning rise	-5879 Apr 07 j 21:37	23° <b>≈</b> 06'38		minimum elong	-5877 Aug 22 j 23:47	15°519'43	1°23'28
direct	-5879 Apr 24 j 00:51	18° <b>≈</b> 11'04		max. Earth dist.	-5877 Aug 22 j 13:41	14°9547'47	1.70871 AU
desc. node	-5879 Apr 28 j 11:21	18° <b>≈</b> 33'21			-5877 Sep 03 j 14:33	$0^{\circ}\Omega$	
greatest brilliancy	-5879 May 04 j 20:53	20° <b>≈</b> 17′28	-4.7m		-5877 Sep 27 j 09:42	0° <b>m</b> )	
	-5879 May 21 j 20:24	0° <b>)</b> €		evening rise	-5877 Oct 03 j 09:52	7° Mp 32'56	
morning max el	-5879 Jun 12 j 09:39	18° <b>)</b> 41′38	46°09'16	desc. node	-5877 Oct 14 j 05:16	21°Mp06'18	
	-5879 Jun 23 j 15:00	$0^{\circ}$ $\Upsilon$			-5877 Oct 21 j 07:53	0∘ <del>ত</del>	
	-5879 Jul 20 j 20:41	0°B			-5877 Nov 14 j 10:02	0° <b>M</b>	
	-5879 Aug 15 j 06:13	$\Pi^{\circ}$			-5877 Dec 08 j 17:00	0° <b>∡</b> ¹	
asc. node	-5879 Aug 19 j 02:58	4° <b>Ⅱ</b> 40'38			-5876 Jan 02 j 07:04	0°ರ	
	-5879 Sep 08 j 17:58	0ంత			-5876 Jan 27 j 09:09	0° <b>≈</b>	
	-5879 Oct 02 j 19:24	$0^{\circ}\Omega$		asc. node	-5876 Feb 03 j 17:41	8° <b>≈</b> 37'36	
	-5879 Oct 26 j 17:59	0° m)			-5876 Feb 22 j 08:34	0° <b>)</b> €	
	-5879 Nov 19 j 18:12	0∘ <b>⊽</b>			-5876 Mar 21 j 01:53	0°Υ	
desc. node	-5879 Dec 09 j 04:57	24° <b>♀</b> 10'32		evening max el	-5876 Apr 03 j 06:21	13° <b>Y</b> ′02'51	45°10'26
dese. Hode	-5879 Dec 13 j 21:45	0°M		evening max er	-5876 Apr 23 j 02:00	0°8	45 10 20
morning set	-5879 Dec 16 j 16:57	3°M28'00		greatest brilliancy	-5876 May 11 j 12:22	10° <b>8</b> 25'12	-4.7m
morning set	-5878 Jan 07 j 04:18	0° <b>⊼</b> ¹		retrograde	-5876 May 21 j 16:30	12° <b>8</b> 15'55	7.7111
	-3676 Jan 07 J 04.16	0 ^		desc. node	-5876 May 25 j 22:21	11° <b>8</b> 55'02	
superior conj	-5878 Jan 25 j 17:28	22° <b>х</b> 51'04	1°20'06	evening set	-5876 Jun 05 j 13:49	8° <b>8</b> 06'40	
minimum elong	-5878 Jan 25 j 12:46	22° <b>x</b> 31'04 22° <b>x</b> 36'37		inferior conj	-5876 Jun 11 j 20:34	4° <b>8</b> 29'36	3°53'30
max. Earth dist.			1.73296 AU	minimum elong		4° <b>8</b> 41'47	
max. Earm dist.	-5878 Jan 27 j 12:16	23 x・0243 0°る	1./3290 AU	min. Earth dist.	-5876 Jun 11 j 12:31	4°812'53	
	-5878 Jan 31 j 12:53 -5878 Feb 24 j 22:50	0°≈			-5876 Jun 12 j 07:38	1° <b>8</b> 12'57	0.27801 AU
avanina risa	,	0 ≈ 8°≈42'55		morning rise	-5876 Jun 17 j 10:23	1 <b>3</b> 12 37	
evening rise	-5878 Mar 04 j 01:17		2.0	Ľ .	-5876 Jun 19 j 18:00		
greatest brilliancy	-5878 Mar 08 j 14:09 -5878 Mar 21 j 10:14	14°≈16'40	-3.9m	direct greatest brilliancy	-5876 Jul 03 j 03:38	26° <b>Y</b> 30'44	4.0
	·	0° <b>\</b>		greatest brilliancy	-5876 Jul 14 j 09:57	28° <b>Y</b> 48'22	-4.8m
asc. node	-5878 Mar 31 j 16:13	12° <b>)</b> 32′11			-5876 Jul 17 j 04:46	0°8	46042102
	-5878 Apr 14 j 23:36	0°Υ		morning max el	-5876 Aug 22 j 11:13	28° <b>8</b> 51'23	46°43'03
	-5878 May 09 j 15:40	0° <b>B</b>			-5876 Aug 23 j 14:18	0°II	
	-5878 Jun 03 j 11:44	0°II		asc. node	-5876 Sep 15 j 14:25	24° <b>Ⅱ</b> 55'29	
	-5878 Jun 28 j 14:39	0.ee			-5876 Sep 20 j 00:58	0°99	
desc. node	-5878 Jul 21 j 18:25	27° <b>©</b> 06'00			-5876 Oct 15 j 10:29	$0$ $^{\circ}$ $\Omega$	
	-5878 Jul 24 j 06:52	$0$ $^{\circ}\Omega$			-5876 Nov 09 j 02:44	0° <b>m</b> )	
	-5878 Aug 20 j 04:48	0° <b>m</b> )	.=		-5876 Dec 03 j 14:28	0° <b>⊡</b>	
evening max el	-5878 Aug 31 j 03:52	11° Mp 26'11	47°40'31		-5876 Dec 28 j 02:44	0°M	
	-5878 Sep 20 j 03:07	0∘ <b>⊽</b>		desc. node	-5875 Jan 05 j 17:35	10°M31'55	
greatest brilliancy	-5878 Oct 11 j 02:39	13° <b>≙</b> 11'34	-4.9m		-5875 Jan 21 j 16:20	0° <b>∡</b> ¹	
retrograde	-5878 Oct 21 j 04:29	15° <b>≙</b> 08'29			-5875 Feb 15 j 06:11	0°₹	
evening set	-5878 Nov 04 j 19:07	10° <b>≙</b> 47'42		morning set	-5875 Feb 26 j 18:32	14° <b>පි</b> 04'21	
min. Earth dist.	-5878 Nov 10 j 03:01	7° <b>≏</b> 35'19	0.26898 AU		-5875 Mar 11 j 18:58	0° <b>≈</b>	
inferior conj	-5878 Nov 10 j 21:06	7° <b>£</b> 06'56		max. Earth dist.	-5875 Apr 01 j 13:12	25° <b>≈</b> 27'23	1.73701 AU
minimum elong	-5878 Nov 10 j 21:24	7° <b>≏</b> 06'28	0°08'08				
transit middle	-5878 Nov 10 j 21:24	7° <b>≏</b> 06'28	0°08'08	superior conj	-5875 Apr 03 j 21:45	28° <b>≈</b> 21'04	
transit begin	-5878 Nov 10 j 17:53	7° <b>£</b> 12'00		minimum elong	-5875 Apr 04 j 05:47	28° <b>≈</b> 45'43	0°52'13
transit end	-5878 Nov 11 j 00:56	7° <b>ჲ</b> 00'56			-5875 Apr 05 j 05:58	0° <b>∀</b>	
asc. node	-5878 Nov 11 j 10:11	6° <b>≏</b> 46'26		asc. node	-5875 Apr 28 j 05:09	28° <b>¥</b> 15'36	
morning rise	-5878 Nov 17 j 00:38	3° <b>≏</b> 26'56			-5875 Apr 29 j 15:02	$0^{\circ}\Upsilon$	
	-5878 Nov 25 j 17:56	30°R, M⊅		evening rise	-5875 May 09 j 11:38	12° <b>Ƴ</b> 09'32	
direct	-5878 Dec 01 j 06:40	29° <b>m</b> 22'08			-5875 May 23 j 22:20	$9^{\circ}$ 8	
	-5878 Dec 06 j 22:48	0∘ <b>⊽</b>			-5875 Jun 17 j 04:31	$\Pi^{\circ}0$	
greatest brilliancy	-5878 Dec 10 j 12:10	0° <b>م</b> 59'37	-4.8m		-5875 Jul 11 j 10:58	0ಂತ	
	-5877 Jan 19 j 00:40	0°M₊			-5875 Aug 04 j 19:51	$0^{\circ}\Omega$	
morning max el	-5877 Jan 19 j 15:24	0°M35'44	46°10'35	desc. node	-5875 Aug 18 j 06:13	16° <b>Ω</b> 25'32	
	-5877 Feb 16 j 22:42	0° <b>∡</b> ¹			-5875 Aug 29 j 10:14	0° <b>m</b>	

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5875 Sep 23 i 10:59 0∘**⊽** -5872 Apr 20 i 01:59 0°) -5875 Oct 19 j 09:19 0°M -5872 May 04 j 14:49 17°**)** 49'04 morning set -5875 Nov 10 j 00:36 23°M18'46 46°50'36 -5872 May 14 j 12:14  $0^{\circ}\Upsilon$ evening max el 13°Y53'52 -5875 Nov 16 j 18:05 0°×7 -5872 May 25 j 17:58 asc. node -5872 Jun 05 j 01:01 26°**Y**40′19 asc. node -5875 Dec 08 j 21:10 18°**х** 32′03 max. Earth dist. 1.72483 AU 0°8 greatest brilliancy -5875 Dec 19 j 15:11 24°**₹**20'58 -4.8m -5872 Jun 07 j 17:15 retrograde -5875 Dec 30 j 15:31 26°**₹**39'21 -5872 Jun 09 j 12:56 evening set -5874 Jan 16 j 16:44 20°**х** 54'45 superior conj 2°**8**15'54 0°33'44 18°**∡**13'39 7°46'11 inferior conj -5874 Jan 20 j 22:52 minimum elong -5872 Jun 09 j 06:39 1°**8**56'21 0°33'37 minimum elong -5874 Jan 20 j 17:11 18°**∡**°22'48 7°45'17 -5872 Jul 01 j 18:03  $0^{\circ}\Pi$ min. Earth dist. -5874 Jan 20 j 08:10 18°**∡**³37'16 0.28977 AU evening rise -5872 Jul 16 j 03:12 18°**Ⅲ**01'01 -5872 Jul 25 j 16:28 morning rise -5874 Jan 24 j 17:55 15°**∡**¹49'48 0ಂತಾ -5872 Aug 18 j 14:49 direct -5874 Feb 11 j 07:04 9°**∡**¹53'13 0° $\Omega$ greatest brilliancy -5874 Feb 20 j 08:51 11°**∡**°23'33 -4.7m -5872 Sep 11 j 15:18 0° m -5874 Mar 21 j 12:16 0°정 desc. node -5872 Sep 14 j 18:39 3° m 54'32 desc. node -5874 Mar 31 j 02:39 8°**る**39'53 -5872 Oct 05 j 19:46 0∘**⊽** morning max el -5874 Apr 01 j 00:49 9°**る**32'17 45°51'06 -5872 Oct 30 j 06:28 0°M -5874 Apr 21 j 07:52 -5872 Nov 24 j 04:03 0°**∡**7 -5874 May 18 j 13:33 0°**)**€ -5872 Dec 19 j 23:42 0°정 -5874 Jun 13 j 07:51  $0^{\circ}\Upsilon$ asc. node -5871 Jan 05 j 08:14 17°る57'53 -5874 Jul 08 j 04:58 0°8 -5871 Jan 17 j 00:29 0°≈ -5874 Jul 21 i 17:02 16°**8**36'32 -5871 Jan 19 j 21:55 2°≈50'45 45°22'48 asc. node evening max el -5874 Aug 01 i 11:51  $\Pi$ °0 -5871 Feb 25 i 00:16 0°) -5874 Aug 25 j 09:48 0000 greatest brilliancy -5871 Feb 26 i 15:52 0°**)**(38'40 -4.7m -5874 Sep 18 j 03:50  $0^{\circ}\Omega$ -5871 Mar 09 j 08:40 2° **)** 41'40 retrograde -5874 Sep 27 j 18:38 12°**Ω**09'04 -5871 Mar 21 j 02:08 30°R≈ morning set -5874 Oct 11 j 22:06 -5871 Mar 25 j 20:20  $0^{\circ}$  mb 27°≈31'51 evening set -5874 Nov 04 j 19:13 0∘**⊽** -5871 Mar 30 j 19:33 24°≈≈29'35 5°41'38 inferior coni -5871 Mar 31 j 04:25 24°≈15'38 5°39'37 minimum elong 5°**ഫ**06'34 0°04'22 -5874 Nov 08 j 21:10 -5871 Mar 31 j 15:11 23°**≈**58'41 0.29281 AU superior conj min. Earth dist. -5874 Nov 08 j 22:22 5°**№**10'19 0°04'18 -5871 Apr 05 j 12:12 21°≈01'27 minimum elong morning rise -5874 Nov 07 j 19:56 3°**£**47'36 -5871 Apr 21 j 17:44 16°≈02'53 behind sun begin direct 16°**≈**40'42 -5874 Nov 10 j 00:48 6°**£**33'00 -5871 Apr 27 j 13:34 behind sun end desc. node -5874 Nov 10 j 18:13 -5871 May 02 j 12:14 desc. node 7°**£**27'26 greatest brilliancy 18°**≈**07'24 -4.7m -5871 May 22 j 09:23 max. Earth dist. -5874 Nov 14 j 10:09 12°**2**02'10 1.71599 AU 0°**₩** -5871 Jun 10 j 00:58 16° **X** 28'01 46°08'03 -5874 Nov 28 j 20:00 0°M morning max el 27°M07'19  $0^{\circ}\Upsilon$ evening rise -5874 Dec 20 j 16:28 -5871 Jun 23 j 09:46 -5874 Dec 23 j 00:18 0°**√** -5871 Jul 20 j 11:32 0°8 -5873 Jan 16 j 08:09 0°ರ -5871 Aug 14 j 19:29  $0^{\circ}\Pi$ -5873 Feb 09 j 20:37 0°**≈** -5871 Aug 18 j 05:04 4°**Ⅲ**07'13 asc. node -5873 Mar 03 j 05:50 25°≈53'32 -5871 Sep 08 j 06:27 0ಂತಾ asc. node -5873 Mar 06 j 15:49 0°**)**€ -5871 Oct 02 j 07:25  $0^{\circ}\Omega$ -5873 Mar 31 j 20:46  $0^{\circ}\Upsilon$ -5871 Oct 26 j 05:43 0° m 0°8 -5871 Nov 19 j 05:42 -5873 Apr 26 j 16:14 0∘**⊽** -5873 May 23 j 12:58 -5871 Dec 08 j 06:58 23°**-**41'31  $0^{\circ}\Pi$ desc. node -5873 Jun 16 i 05:43 24°**II**31'22 46°29'39 -5871 Dec 13 i 09:05 0°M evening max el -5873 Jun 21 i 23:47 -5871 Dec 14 i 04:31 1°ML00'13 morning set desc. node -5873 Jun 23 i 09:20 1°9517'31 -5870 Jan 06 j 15:31 0°×7 -5873 Jul 27 i 01:33 24°9522'10 -4.9m greatest brilliancy -5873 Aug 05 j 05:02 25°955'12 -5870 Jan 23 i 08:43 20°**₹**36'02 -1°19'13 retrograde superior coni -5873 Aug 23 j 01:44 19°955'24 -5870 Jan 23 i 03:20 20°**₹**19'27 1°19'30 evening set minimum elong -5873 Aug 25 j 20:59 18°914'47 -8°52'15 -5870 Jan 25 j 08:16 23°**尽**02'22 1.73254 AU inferior coni max. Earth dist. -5873 Aug 26 j 01:00 -5870 Jan 30 j 24:00 0°궁 minimum elong 18°508'43 8°51'40 min. Earth dist. -5873 Aug 26 j 00:22 18°9509'42 0.26700 AU -5870 Feb 24 j 09:55 0°≈ -5873 Aug 29 j 00:14 16°9522'37 evening rise -5870 Mar 01 j 19:02 6°≈36'07 morning rise -5873 Sep 15 j 07:42 10°938'22 -5870 Mar 06 j 23:34 12°**≈**57'59 -3.9m direct greatest brilliancy greatest brilliancy -5873 Sep 25 j 19:29 12°**©**44'44 -4.9m -5870 Mar 20 j 21:24 0°**)**€ -5873 Oct 14 j 01:31 23°955'39 -5870 Mar 30 j 18:27 12° + 04'33 asc. node asc. node -5873 Oct 21 j 05:54  $0^{\circ}\Omega$ -5870 Apr 14 j 11:01  $0^{\circ}\Upsilon$ 14°**Ω**16'47 46°44'54 0°8 morning max el -5873 Nov 05 j 01:55 -5870 May 09 j 03:35 0° M -5870 Jun 03 j 00:25  $0^{\circ}\Pi$ -5873 Nov 19 j 21:27 -5873 Dec 16 j 10:24 0∘**⊽** -5870 Jun 28 j 04:31 0ಂತಾ -5872 Jan 11 j 02:25 0°M desc. node -5870 Jul 20 j 20:28 26°927'08 desc. node -5872 Feb 03 j 05:46 27°M24'01 -5870 Jul 23 j 22:43 0° $\Omega$ -5872 Feb 05 j 10:13 0°**∡** -5870 Aug 20 j 01:01 0° m -5872 Mar 01 j 12:46 0°る -5870 Aug 28 j 17:42 9° m 00'47 47°40'02 evening max el -5870 Sep 20 j 17:56 0∘**ত** -5872 Mar 26 j 10:08 0°≈

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 7 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	-
greatest brilliancy	-5870 Oct 08 j 18:47	10° <b>≏</b> 47'20	-4.9m		-5867 Mar 11 j 05:49	0° <b>≈</b>	
retrograde	-5870 Oct 18 j 17:58	12° <b>≏</b> 41'55		max. Earth dist.	-5867 Mar 30 j 12:31	23° <b>≈</b> 38′26	1.73719 AU
evening set	-5870 Nov 02 j 09:49	8° <b>≏</b> 20'46					
inferior conj	-5870 Nov 08 j 10:48	4° <b>≙</b> 41'50	-0°31'12	superior conj	-5867 Apr 01 j 17:00	26° <b>≈</b> 19'36	-0°54'34
minimum elong	-5870 Nov 08 j 11:56	4° <b>≙</b> 40'03	0°30'50	minimum elong	-5867 Apr 02 j 01:09	26° <b>≈</b> 44'37	0°54'31
min. Earth dist.	-5870 Nov 07 j 18:03	5° <b>ഫ</b> 08'06	0.26843 AU		-5867 Apr 04 j 16:47	0° <b>∀</b>	
asc. node	-5870 Nov 10 j 12:17	3° <b>£</b> 24'45		asc. node	-5867 Apr 27 j 07:13	27° <b>)</b> 48′28	
morning rise	-5870 Nov 14 j 14:53	1° <b>ഫ</b> 01'00			-5867 Apr 29 j 01:55	0° <b>Υ</b>	
	-5870 Nov 16 j 14:35	30°R, Mp		evening rise	-5867 May 07 j 07:18	10° <b>Y</b> ′08′28	
direct	-5870 Nov 28 j 19:16	26° <b>m</b> 58'01			-5867 May 23 j 09:24	0°B	
greatest brilliancy	-5870 Dec 08 j 02:59	28° <b>m</b> 37'01	-4.8m		-5867 Jun 16 j 15:52	0°Щ	
	-5870 Dec 11 j 15:16	0∘ <b>⊽</b>			-5867 Jul 10 j 22:42	0°®	
morning max el	-5869 Jan 17 j 04:26	28° <b>≏</b> 13'59	46°11'45		-5867 Aug 04 j 08:08	$0^{\circ}\Omega$	
	-5869 Jan 18 j 23:45	0° <b>M</b> ₊		desc. node	-5867 Aug 17 j 08:27	15° <b>Ω</b> 53'40	
	-5869 Feb 16 j 14:59	0° <b>∡</b> ¹			-5867 Aug 28 j 23:19	0° <b>m</b> )	
desc. node	-5869 Mar 02 j 17:36	15° <b>∡</b> ¹39'59			-5867 Sep 23 j 01:22	0∘ <b>⊽</b>	
	-5869 Mar 15 j 08:44	0° <b>ප</b>			-5867 Oct 19 j 02:15	0° <b>M</b>	
	-5869 Apr 10 j 04:41	0° <b>≈</b>		evening max el	-5867 Nov 07 j 16:58	21°M03'22	46°53'50
	-5869 May 05 j 09:59	0° <b>∺</b>			-5867 Nov 16 j 18:57	0° <b>∡</b> 7	
_	-5869 May 30 j 03:37	0° <b>Υ</b>		asc. node	-5867 Dec 07 j 23:19	17° <b>∡</b> 13'42	
asc. node	-5869 Jun 23 j 06:39	29° <b>Y</b> ′44′37		greatest brilliancy	-5867 Dec 17 j 07:46	22° <b>₹</b> 08'23	-4.8m
	-5869 Jun 23 j 11:36	0°8		retrograde	-5867 Dec 28 j 09:13	24° <b>₹</b> 27'46	
morning set	-5869 Jul 12 j 21:26	24° <b>8</b> 13'00		evening set	-5866 Jan 14 j 07:04	18° <b>∡</b> 746'41	
	-5869 Jul 17 j 12:05	0°II		min. Earth dist.	-5866 Jan 17 j 23:17	16° <b>₹</b> 28'10	0.28916 AU
	-5869 Aug 10 j 07:47	0ං <b>වෙ</b>		inferior conj	-5866 Jan 18 j 15:31	16° <b>∡</b> 02'07	7°39'53
	50(0.4. 00:00.20	1000 10100	1000107	minimum elong	-5866 Jan 18 j 09:18	16° <b>₹</b> 12'05	7°38'54
superior conj	-5869 Aug 20 j 09:30		1°23'27	morning rise	-5866 Jan 22 j 11:54	13° <b>∡</b> 736'30	
minimum elong	-5869 Aug 20 j 10:59	12°548'00	1°23'48	direct	-5866 Feb 08 j 23:11	7° 🗷 42'43	4.7
max. Earth dist.	-5869 Aug 19 j 18:58	11°957'26	1.70900 AU	greatest brilliancy	-5866 Feb 17 j 23:07	9° <b>∡</b> 12'04	-4.7m
	-5869 Sep 03 j 01:50	0° <b>N</b>			-5866 Mar 21 j 15:32	0°る	45051110
	-5869 Sep 26 j 21:03	0° Mp		morning max el	-5866 Mar 29 j 17:37	7°る25'10	45°51'12
evening rise	-5869 Sep 30 j 18:04	4° Mp 52'12		desc. node	-5866 Mar 30 j 04:49	7° <b>る</b> 51'47	
desc. node	-5869 Oct 13 j 07:26	20° m/37'18			-5866 Apr 21 j 00:39	0° <b>≈</b>	
	-5869 Oct 20 j 19:19	ია <b>ო</b> 0∘ <b>⊽</b>			-5866 May 18 j 03:20	0° <b>ℋ</b> 0° <b>Ƴ</b>	
	-5869 Nov 13 j 21:33	0°M 0°. <b>₹</b>			-5866 Jun 12 j 20:19	0°₽	
	-5869 Dec 08 j 04:41	0°⋜		4.	-5866 Jul 07 j 16:47	16° <b>8</b> 07'23	
	-5868 Jan 01 j 19:06	0°≈		asc. node	-5866 Jul 20 j 19:12	0°Ⅱ	
1-	-5868 Jan 26 j 21:59 -5868 Feb 02 j 19:49				-5866 Jul 31 j 23:18		
asc. node	·	8°≈05'19 0° <b>∺</b>			-5866 Aug 24 j 21:05	$0$ ಂ ${\mathfrak C}$	
	-5868 Feb 21 j 23:11	0 <del>Υ</del> 0° <b>Υ</b>		morning got	-5866 Sep 17 j 15:01	9° <b>Ω</b> 34'54	
evening max el	-5868 Mar 20 j 21:01 -5868 Mar 31 j 20:54	0 <b>γ</b> 10° <b>Υ</b> 48'38	45°09'10	morning set	-5866 Sep 25 j 04:59		
evening max er		0° <b>8</b>	43 09 10		-5866 Oct 11 j 09:16	0ം <b>⊽</b> 0ംൂൂ	
greatest brilliancy	-5868 Apr 23 j 19:53 -5868 May 09 j 01:08	8° <b>8</b> 08'03	-4.7m		-5866 Nov 04 j 06:21	0 ==	
•	-5868 May 19 j 06:48	10° <b>8</b> 00'08	-4. /111	superior conj	-5866 Nov 06 j 05:45	2° <b>ჲ</b> 28'23	0°08'20
retrograde desc. node	-5868 May 25 j 00:28	9° <b>8</b> 21'43		minimum elong	-5866 Nov 06 j 08:02	2° <b>2</b> 35'34	0°08'15
evening set	-5868 Jun 03 j 02:37	5° <b>8</b> 51'52		behind sun begin	-5866 Nov 05 j 08:14	2 <b>⊆</b> 33 34 1° <b>⊆</b> 21'03	0 0813
inferior conj	-5868 Jun 09 j 10:49	2° <b>8</b> 12'57	3°33'50	behind sun end	-5866 Nov 07 j 07:50	3° <b>£</b> 50'03	
minimum elong	-5868 Jun 09 j 03:19	2° <b>8</b> 24'16		desc. node	-5866 Nov 09 j 20:11	6° <b>£</b> 58'48	
min. Earth dist.	-5868 Jun 09 j 22:29	1° <b>8</b> 55'19	0.27852 AU	max. Earth dist.	-5866 Nov 11 j 20:48	9° <b>£</b> 30'46	1.71545 AU
iiiii. Eartii dist.	-5868 Jun 13 j 03:51	1 <b>O</b> 33 19	0.27632 AU	max. Earm dist.	-5866 Nov 28 j 07:06	0°M	1./1343 AU
morning rise	-5868 Jun 15 j 03:13	28° <b>Y</b> ′52'57		evening rise	-5866 Dec 18 j 04:29	24°M41'40	
direct	-5868 Jun 30 j 18:36	24° <b>Υ</b> 12'53		evening rise	-5866 Dec 22 j 11:23	0° <b>x</b> <sup>7</sup>	
greatest brilliancy	-5868 Jul 12 j 01:42	26° <b>Υ</b> 31'31	-4.8m		-5865 Jan 15 j 19:17	°ੇਂਤ	
greatest offinality	-5868 Jul 19 j 05:09	0° <b>8</b>	-4.0111		-5865 Feb 09 j 07:55	0° <b>≈</b>	
morning max el	-5868 Aug 20 j 02:12	26° <b>8</b> 31'19	46°42'09	asc. node	-5865 Mar 02 j 08:07	0 ≈ 25°≈25'24	
morning max ci	-5868 Aug 23 j 12:01	0°Ⅱ	40 42 09	asc. Houc	-5865 Mar 06 j 03:32	0° <b>)</b> €	
asc. node	-5868 Sep 14 j 16:44	24° <b>Ⅱ</b> 14'38			-5865 Mar 31 j 09:19	0°Υ	
asc. noue	-5868 Sep 14 j 16:44 -5868 Sep 19 j 17:03	24°Щ14′38 0°©			-5865 Apr 26 j 06:22	0° <b>8</b>	
	-5868 Oct 15 j 00:26	0°€ 0°€			-5865 May 23 j 06:25	0°II	
	-5868 Nov 08 j 15:37	0° <b>m</b> )		evening max el	-5865 Jun 13 j 19:33	0°Ⅲ 22°Ⅲ10'18	46°26'04
	-5868 Dec 03 j 02:40	0ം <b>⊽</b> ∩ூயி		desc. node	-5865 Jun 22 j 11:24	0°©18'14	<del>1</del> 0 20 04
	-5868 Dec 03 j 02:40 -5868 Dec 27 j 14:27	0° <b>M</b> ₊		desc. Hode	-5865 Jun 22 j 03:20	0°99 18°14	
desc. node	-5867 Jan 04 j 19:39	10°ML02'54		greatest brilliancy	-5865 Jul 24 j 12:32	0°952'57	-4.9m
uese. Hout	-5867 Jan 04 j 19:39 -5867 Jan 21 j 03:40	10°11L02′34 0° <b>√</b>		retrograde	-5865 Aug 02 j 16:54	21°952'57 23°9526'01	<del>-1</del> ,7111
	-5867 Feb 14 j 17:12	0°る		evening set	-5865 Aug 20 j 14:27	23 \$2601 17°\$25'37	
morning set	-5867 Feb 14 j 17:12 -5867 Feb 24 j 11:59	0°8 11° <b>る</b> 57'27		inferior conj	-5865 Aug 20 j 14:27	17°925'37 15°9345'59	-8°55'//1
morning set	500/100 2+j11.59	11 03/2/		microi conj	3003 Aug 23 J 00.30	10 37009	0 22 71

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5865 Aug 23 j 12:01 15°5541'20 8°55'12 -5862 Jan 30 j 10:51 0°정 minimum elong -5865 Aug 23 j 12:11 -5862 Feb 23 j 20:45 min. Earth dist. 15°9541'05 0.26726 AU 0°≈≈ -5865 Aug 26 j 09:34 -5862 Feb 27 j 12:32 13°957'30 4°≈≈29'17 morning rise evening rise -5865 Sep 12 j 20:33 -5862 Mar 05 j 07:36 11°**≈**35'41 direct 8°909'31 greatest brilliancy -3.9m greatest brilliancy -5865 Sep 23 j 08:01 10°9515'16 -4.9m -5862 Mar 20 j 08:21 0°**)**€ asc. node -5865 Oct 13 j 03:36 22°541'57 asc. node -5862 Mar 29 j 20:31 11°**H**37'08  $0^{\circ}$ -5865 Oct 21 j 12:24 0° $\Omega$ -5862 Apr 13 j 22:14 morning max el -5865 Nov 02 j 14:42 11°**Ω**48'24 46°45'31 -5862 May 08 j 15:16 0°8 -5865 Nov 19 j 15:54 0° m -5862 Jun 02 j 12:51  $0^{\circ}\Pi$ -5865 Dec 16 j 01:19 0∘**⊽** -5862 Jun 27 j 18:08 0ಂತಾ -5864 Jan 10 j 15:37 0°M desc. node -5862 Jul 19 j 22:43 25°9549'32 -5862 Jul 23 j 14:27 desc. node -5864 Feb 02 j 07:56 26°M53'57 0° $\Omega$ -5864 Feb 04 j 22:25 0°⊀ -5862 Aug 19 j 21:33 0° M -5864 Mar 01 j 00:19 0°ರ evening max el -5862 Aug 26 j 06:45 6° m 34'12 47°39'16 -5864 Mar 25 j 21:16 0°**≈** -5862 Sep 21 j 13:26 0∘**⊽** -5864 Apr 19 j 12:51 0°**)**€ greatest brilliancy -5862 Oct 06 j 10:28 8°**£**22'21 -4.9m morning set -5864 May 02 j 10:04 15°**)**47'39 retrograde -5862 Oct 16 j 07:09 10°**£**15'00 -5864 May 13 j 22:59  $0^{\circ}\Upsilon$ evening set -5862 Oct 31 j 00:20 5°**£**52'47 asc. node -5864 May 24 j 20:03 13°**Y**27'03 min. Earth dist. -5862 Nov 05 j 08:50 2°**₽**40'11 0.26796 AU max. Earth dist. -5864 Jun 02 j 17:45 24°**Y**29'52 1.72546 AU inferior conj -5862 Nov 06 j 00:12 2°**£**16'08 -0°54'24 minimum elong -5862 Nov 06 j 02:11 2°**₽**13'02 0°53'45 -5864 Jun 07 i 07:05 0°**呂**09'37 0°30'50 asc. node -5862 Nov 09 j 14:27 0°**£**03'30 superior coni -5864 Jun 07 i 01:17 29°**Y**51'33 0°30'45 -5862 Nov 09 i 16:48 30°R M minimum elong -5864 Jun 07 i 04:00 0°8 -5862 Nov 12 j 04:42 28° m 34'54 morning rise -5864 Jul 01 j 04:56  $0^{\circ}II$ -5862 Nov 26 j 07:29 24° m 32'58 direct -5864 Jul 13 j 18:56 15°**Ⅱ**45'26 -5862 Dec 05 j 17:46 greatest brilliancy  $26^{\circ}$  My 14'01-4 9m evening rise -5864 Jul 25 j 03:34 -5862 Dec 13 j 22:05 000 0∘Ω -5861 Jan 14 j 18:05 -5864 Aug 18 j 02:09  $0^{\circ}\Omega$ 25° **2**53'43 46°13'02 morning max el 0° M -5864 Sep 11 j 02:53 -5861 Jan 18 j 21:50 o°m. -5864 Sep 13 j 20:48 3° m 25'00 -5861 Feb 16 j 06:51 0°×7 desc. node -5864 Oct 05 j 07:40 0∘∙ -5861 Mar 01 j 19:47 15°**₹**05'42 desc. node -5864 Oct 29 j 18:52 0°M -5861 Mar 14 j 22:11 0°궁 -5864 Nov 23 j 17:22 0°**∡** -5861 Apr 09 j 16:55 0°≈ -5864 Dec 19 j 14:59 0°궁 -5861 May 04 j 21:32 0°**)**€ 17°**ට**16'41  $0^{\circ}\Upsilon$ asc. node -5863 Jan 04 j 10:26 -5861 May 29 j 14:48 29°**Y**17'17 -5863 Jan 16 j 21:34 0°≈ asc. node -5861 Jun 22 j 08:51 evening max el -5863 Jan 17 j 12:48 0°≈37'12 45°24'54 -5861 Jun 22 j 22:37  $0^{\circ}$ 8 greatest brilliancy -5863 Feb 24 j 09:07 28°**≈**32'46 -5861 Jul 10 j 12:58 21°857'01 -4.7m morning set -5863 Mar 01 j 09:56 0°**)**€ -5861 Jul 16 j 23:02  $0^{\circ}\Pi$ -5863 Mar 07 j 00:53 0°¥35'25 -5861 Aug 09 j 18:44 0ಂತಾ retrograde -5863 Mar 12 j 12:23 max. Earth dist. -5861 Aug 17 j 03:44 1.70929 AU 30°R≈ 9°9518'48 -5863 Mar 23 j 15:34 25°≈21'45 evening set -5863 Mar 28 j 12:26 22°≈22'42 5°54'37 -5861 Aug 17 j 22:10 10°9517'01 1°23'36 inferior conj superior conj -5863 Mar 28 j 21:17 22°≈08'45 5°52'42 -5861 Aug 17 j 22:42 10°9518'43 minimum elong minimum elong 1°23'58 -5863 Mar 29 j 07:53 -5861 Sep 02 j 12:51 min. Earth dist. 21°≈52'03 0.29310 AU 0° $\Omega$ morning rise -5863 Apr 03 i 02:41 18°≈57'25 -5861 Sep 26 i 08:11 0° m direct -5863 Apr 19 j 10:08 13°≈55'29 evening rise -5861 Sep 28 i 02:38 2° m 13'23 desc. node -5863 Apr 26 j 15:35 14°≈52'49 desc. node -5861 Oct 12 i 09:26 20° m 08'25 greatest brilliancy -5863 Apr 30 j 04:05 15°≈58'54 -5861 Oct 20 j 06:35 0∘**⊽** -4.7m -5863 May 22 j 18:34 0°₩ -5861 Nov 13 j 08:57 0°M -5863 Jun 07 j 16:02 14°**)** 14'58 46°07'02 -5861 Dec 07 j 16:17 0°×7 morning max el  $0^{\circ}\Upsilon$ -5860 Jan 01 j 07:06 0°궁 -5863 Jun 23 j 03:38 -5863 Jul 20 j 01:50 0°8 -5860 Jan 26 j 10:51 0°≈ -5860 Feb 01 j 22:05 -5863 Aug 14 j 08:19  $0^{\circ}II$ 7°≈33'30 asc. node -5863 Aug 17 j 07:20 3°**I**I35'30 -5860 Feb 21 j 13:55 0°) asc. node -5863 Sep 07 j 18:35 0.00 -5860 Mar 20 j 16:39  $0^{\circ}\Upsilon$ -5863 Oct 01 j 19:11  $0^{\circ}\Omega$ -5860 Mar 29 j 12:06 8°Y36'18 45°08'01 evening max el 0° m -5863 Oct 25 j 17:12 -5860 Apr 24 j 20:01 0°8 -5863 Nov 18 j 16:59 0∘**⊽** greatest brilliancy -5860 May 06 j 13:38 5°**8**50'53 -4.7m desc. node -5863 Dec 07 j 09:06 23°**₽**13'35 retrograde -5860 May 16 j 21:15 7°**8**44'17 morning set -5863 Dec 11 j 15:33 28°**₽**31'19 desc. node -5860 May 24 j 02:39 6°**8**43'10 -5863 Dec 12 j 20:11 0°M -5860 May 31 j 15:34 3°**8**37'00 evening set -5862 Jan 06 j 02:28 0°**∡** -5860 Jun 06 j 22:27 30°**₹**Υ inferior conj -5860 Jun 07 j 00:56 29°**Y**56'14 -3°13'44 superior conj -5862 Jan 20 j 23:33 18°**₹**20'29 -1°18'11 minimum elong -5860 Jun 06 j 18:03 0°**8**06'38 3°11'40 -5862 Jan 20 j 17:29 18°**₰**01'49 0.27901 AU minimum elong 1°18'27 min. Earth dist. -5860 Jun 07 j 13:00 29°Y38'00

-5860 Jun 12 j 19:46

26°**Y**33'01

max. Earth dist.

-5862 Jan 23 j 02:32

20°**∡**57′24 1.73209 AU

morning rise

•	ical year style is used: Th		•	/ ·		, ,	50 )
direct	-5860 Jun 28 j 09:52	•		evening rise	-5858 Dec 15 j 16:41	22°M16'20	
greatest brilliancy	-5860 Jul 09 j 16:41	24° <b>Y</b> 13'54	-4.8m	<i>8</i>	-5858 Dec 21 j 22:30	0° <b>⊼</b>	
8	-5860 Jul 20 j 13:36	0°8			-5857 Jan 15 j 06:29	0°8	
morning max el	-5860 Aug 17 j 17:41	24° <b>8</b> 13'02	46°41'24		-5857 Feb 08 j 19:22	0° <b>≈</b>	
S	-5860 Aug 23 j 08:52	0°II		asc. node	-5857 Mar 01 j 10:07	24° <b>≈</b> 55'56	
asc. node	-5860 Sep 13 j 18:48	23° <b>II</b> 33'58			-5857 Mar 05 j 15:27	0° <b>)</b> €	
	-5860 Sep 19 j 08:43	$0$ $\circ$ $\mathbf{s}$			-5857 Mar 30 j 22:08	0° <b>Υ</b>	
	-5860 Oct 14 j 14:06	$0^{\circ}\Omega$			-5857 Apr 25 j 20:52	0°8	
	-5860 Nov 08 j 04:16	0° <b>m</b>			-5857 May 23 j 00:31	$\Pi^{\circ}0$	
	-5860 Dec 02 j 14:44	0∘ <b>⊽</b>		evening max el	-5857 Jun 11 j 08:40	19° <b>Ⅱ</b> 46'56	46°22'30
	-5860 Dec 27 j 02:05	$0^{\circ}$ M		desc. node	-5857 Jun 21 j 13:40	29° <b>Ⅱ</b> 17'20	
desc. node	-5859 Jan 03 j 21:50	9° <b>™</b> 34'24			-5857 Jun 22 j 08:59	$0$ $\circ$ $\odot$	
	-5859 Jan 20 j 14:57	0° <b>∡</b> ¹		greatest brilliancy	-5857 Jul 22 j 00:02	19° <b>5</b> 23'51	-4.9m
	-5859 Feb 14 j 04:14	ರ°ರ		retrograde	-5857 Jul 31 j 04:04	20° <b>©</b> 56'25	
morning set	-5859 Feb 22 j 04:56	9° <b>る</b> 48'58		evening set	-5857 Aug 18 j 02:40	14° <b>©</b> 56'14	
	-5859 Mar 10 j 16:41	0° <b>≈</b>		inferior conj	-5857 Aug 20 j 20:56	13° <b>©</b> 16'51	-8°58'07
max. Earth dist.	-5859 Mar 28 j 12:31	21° <b>≈</b> 51'33	1.73733 AU	minimum elong	-5857 Aug 20 j 23:01	13° <b>©</b> 13'41	8°57'42
				min. Earth dist.	-5857 Aug 21 j 00:25	13° <b>©</b> 11'35	0.26754 AU
superior conj	-5859 Mar 30 j 11:49	24° <b>≈</b> 16'44	-0°56'48	morning rise	-5857 Aug 23 j 19:20	11° <b>©</b> 31'25	
minimum elong	-5859 Mar 30 j 20:03	24° <b>≈</b> 42′03	0°56'45	direct	-5857 Sep 10 j 08:59	5° <b>5</b> 40'01	
	-5859 Apr 04 j 03:35	0° <b>∀</b>		greatest brilliancy	-5857 Sep 20 j 21:16	7° <b>5</b> 45'56	-4.9m
asc. node	-5859 Apr 26 j 09:18	27° <b>¥</b> 21′18		asc. node	-5857 Oct 12 j 05:45	21° <b>5</b> 29'47	
	-5859 Apr 28 j 12:49	$0^{\circ}$ Y			-5857 Oct 21 j 17:11	$0^{\circ}\Omega$	
evening rise	-5859 May 05 j 02:42	8° <b>Y</b> 06'34		morning max el	-5857 Oct 31 j 02:47	9° <b>Ω</b> 17'22	46°46'18
	-5859 May 22 j 20:30	$9^{\circ}$ 8			-5857 Nov 19 j 10:08	0° <b>™</b>	
	-5859 Jun 16 j 03:16	$\Pi$ °0			-5857 Dec 15 j 16:12	0∘ <b>⊽</b>	
	-5859 Jul 10 j 10:31	$0$ $\circ$ $\mathfrak{s}$			-5856 Jan 10 j 04:51	$0^{\circ}$ M	
	-5859 Aug 03 j 20:31	$0^{\circ}\Omega$		desc. node	-5856 Feb 01 j 10:05	26°M23'33	
desc. node	-5859 Aug 16 j 10:35	15° <b>Ω</b> 21'27			-5856 Feb 04 j 10:41	0° <b>∡</b>	
	-5859 Aug 28 j 12:28	0° <b>™</b>			-5856 Feb 29 j 11:59	8°0	
	-5859 Sep 22 j 15:47	0∘ <b>⊽</b>			-5856 Mar 25 j 08:34	0° <b>≈</b>	
	-5859 Oct 18 j 19:21	$0^{\circ}$ M			-5856 Apr 18 j 23:56	0° <b>∀</b>	
evening max el	-5859 Nov 05 j 09:57	18° <b>™</b> 49'49	46°56'56	morning set	-5856 Apr 30 j 05:15	13° <b>)</b> 45′18	
	-5859 Nov 16 j 20:59	0° <b>∡</b>			-5856 May 13 j 09:59	0° <b>Ƴ</b>	
asc. node	-5859 Dec 07 j 01:32	15° <b>₹</b> 53'12		asc. node	-5856 May 23 j 22:15	12° <b>Y</b> ′59'47	
greatest brilliancy	-5859 Dec 15 j 00:31	19° <b>∡</b> 56′05	-4.8m	max. Earth dist.	-5856 May 31 j 11:22	22° <b>Υ</b> '21'20	1.72609 AU
retrograde	-5859 Dec 26 j 02:47	22° <b>∡</b> 15′52					
evening set	-5858 Jan 11 j 21:21	16° <b>∡</b> ³38'42		superior conj	-5856 Jun 05 j 01:14		
min. Earth dist.	-5858 Jan 15 j 14:26	14° <b>∡</b> 18'49	0.28855 AU	minimum elong	-5856 Jun 04 j 19:55	27° <b>Y</b> '46'04	0°27'49
inferior conj	-5858 Jan 16 j 08:11	13° <b>∡</b> ′50′21	7°32'57		-5856 Jun 06 j 15:01	0°8	
minimum elong	-5858 Jan 16 j 01:29	14° <b>∡</b> *01′06	7°31'51		-5856 Jun 30 j 16:04	0°Щ	
morning rise	-5858 Jan 20 j 06:03	11° <b>∡</b> ²22'34		evening rise	-5856 Jul 11 j 10:47	13° <b>Ⅱ</b> 29'35	
direct	-5858 Feb 06 j 15:36	5° <b>∡</b> ³32'07			-5856 Jul 24 j 14:54	0₀æ	
greatest brilliancy	-5858 Feb 15 j 13:19	7° <b>∡</b> ¹00'03	-4.7m		-5856 Aug 17 j 13:45	$0^{\circ}\Omega$	
	-5858 Mar 21 j 17:29	0° <b>る</b>			-5856 Sep 10 j 14:46	0° <b>m</b> )	
morning max el	-5858 Mar 27 j 10:07	5° <b>ਰ</b> 16'55	45°51'10	desc. node	-5856 Sep 12 j 22:48	2° m/54'09	
desc. node	-5858 Mar 29 j 06:51	7° <b>る</b> 03'43			-5856 Oct 04 j 19:54	0∘ <b>亚</b>	
	-5858 Apr 20 j 17:18	0° <b>≈</b>			-5856 Oct 29 j 07:37	0°M√	
	-5858 May 17 j 17:08	0° <b>)</b> €			-5856 Nov 23 j 07:01	0° <b>∡</b> ¹	
	-5858 Jun 12 j 08:51	0° <b>Υ</b>		•	-5856 Dec 19 j 06:42	0°る	
	-5858 Jul 07 j 04:40	0°8		asc. node	-5855 Jan 03 j 12:41	16° <b>පි</b> 34'44	
asc. node	-5858 Jul 19 j 21:22	15° <b>8</b> 37'59		evening max el	-5855 Jan 15 j 03:19	28° <b>る</b> 22'23	45°27'13
	-5858 Jul 31 j 10:51	0°Ⅱ 5°Ⅱ35'36	2.0		-5855 Jan 16 j 19:34	0° <b>≈</b>	4.5
greatest brilliancy	-5858 Aug 04 j 22:57	5° <b>Ⅱ</b> 37'36	-3.9m	greatest brilliancy	-5855 Feb 22 j 01:54	26°≈26'22	-4.7m
	-5858 Aug 24 j 08:28	0° <b>⊙</b>		retrograde	-5855 Mar 04 j 17:29	28°≈29'38	
	-5858 Sep 17 j 02:21	0° <b>Ω</b>		evening set	-5855 Mar 21 j 10:58	23°≈11'45	6006150
morning set	-5858 Sep 22 j 15:35	7° <b>Ω</b> 01'05		inferior conj	-5855 Mar 26 j 05:36	20°≈15'58	6°06'59
	-5858 Oct 10 j 20:32	0° <b>m</b>		minimum elong	-5855 Mar 26 j 14:22	20°≈02'08	6°05'08
avmoni	5050 NI 02 14 41	200 m. £ 1101	0012117	min. Earth dist.	-5855 Mar 27 j 00:46	19° <b>≈</b> 45'44	0.29343 AU
superior conj	-5858 Nov 03 j 14:41	29° <b>m</b> 51'01	0°12'16	morning rise	-5855 Mar 31 j 17:25	16°≈53'52	
minimum elong	-5858 Nov 03 j 18:03	0° <b>Ω</b> 01'34	0°12'09	direct	-5855 Apr 17 j 02:44	11° <b>≈</b> 48'04	
behind sun begin	-5858 Nov 02 j 23:34	29° Mp 03'39		desc. node	-5855 Apr 25 j 17:51	13°≈08'46	4.7
behind sun end	-5858 Nov 04 j 12:33	0° <b>ჲ</b> 59'29		greatest brilliancy	-5855 Apr 27 j 20:41	13°≈51'08	-4.7m
dogo rada	-5858 Nov 03 j 17:33	0∘ <b>ʊ</b>			-5855 May 23 j 01:32	0° <b>)</b> 12°¥02'04	16005157
desc. node	-5858 Nov 08 j 22:21	6° <b>Ω</b> 30'32	1 71405 433	morning max el	-5855 Jun 05 j 07:52	12° <b>)</b> €03'04	46°05'57
max. Earth dist.	-5858 Nov 09 j 09:14	7° <b>Ω</b> 04'34	1.71485 AU		-5855 Jun 22 j 21:27	0°Υ 0°¥	
	-5858 Nov 27 j 18:14	0° <b>M</b> ₊			-5855 Jul 19 j 16:19	0°B	

•	omena of Venus fro nical year style is used: Th		•	/ /			ge 10
,	-5855 Aug 13 j 21:25	0°II		asc. node	-5852 Feb 01 j 00:10	7° <b>≈</b> 00'12	
asc. node	-5855 Aug 16 j 09:24	3° <b>Ⅲ</b> 02'17			-5852 Feb 21 j 05:05	0° <b>∀</b>	
	-5855 Sep 07 j 06:59	0ಂಣ			-5852 Mar 20 j 13:04	$0^{\circ}$ Y	
	-5855 Oct 01 j 07:11	$0^{\circ}\Omega$		evening max el	-5852 Mar 27 j 04:11	6° <b>Y</b> 25'48	45°07'04
	-5855 Oct 25 j 04:57	0° <b>m</b>			-5852 Apr 26 j 05:34	$0^{\circ}S$	
	-5855 Nov 18 j 04:32	0∘ <b>⊽</b>		greatest brilliancy	-5852 May 04 j 02:44	3° <b>8</b> 35'01	-4.7m
desc. node	-5855 Dec 06 j 11:14	22° <b>≏</b> 44'41		retrograde	-5852 May 14 j 11:49	5° <b>8</b> 29'12	
morning set	-5855 Dec 09 j 02:29	26° <b>ჲ</b> 00'59		desc. node	-5852 May 23 j 04:50	4° <b>8</b> 00'41	
	-5855 Dec 12 j 07:34	0° <b>M</b>		evening set	-5852 May 29 j 05:12	1° <b>8</b> 22'55	
	-5854 Jan 05 j 13:42	0° <b>∡</b> ¹			-5852 May 31 j 17:28	30° <b>Ŗ</b> ♈	
		=		inferior conj	-5852 Jun 04 j 15:26	27° <b>Y</b> ′40′25	
superior conj	-5854 Jan 18 j 14:28	16°×704'19		minimum elong	-5852 Jun 04 j 09:12	27° <b>Y</b> 49'52	
minimum elong	-5854 Jan 18 j 07:44	15° <b>∡</b> ¹43'34		min. Earth dist.	-5852 Jun 05 j 03:48		0.27952 AU
max. Earth dist.	-5854 Jan 20 j 19:05		1.73158 AU	morning rise	-5852 Jun 10 j 12:31	24° <b>Y</b> °14'01 19° <b>Y</b> °38'26	
	-5854 Jan 29 j 21:57 -5854 Feb 23 j 07:49	್ %%		direct	-5852 Jun 26 j 01:46	19° γ 38°26 21° <b>γ</b> 56'30	-4.8m
evening rise	-5854 Feb 25 j 06:17	0 ≈ 2°≈22'31		greatest brilliancy	-5852 Jul 07 j 07:35 -5852 Jul 21 j 12:58	0° <b>8</b>	-4.0111
greatest brilliancy	-5854 Mar 03 j 09:47	2 ≈22 31 9°≈54'48	3 0m	morning max el	-5852 Jul 21 j 12.58 -5852 Aug 15 j 08:52	21° <b>8</b> 53'39	46°40'15
greatest offinality	-5854 Mar 19 j 19:31	0° <b>∺</b>	-3.9111	morning max ci	-5852 Aug 23 j 05:17	0°Ⅱ	40 40 13
asc. node	-5854 Mar 28 j 22:39	11° <b>米</b> 09'14		asc. node	-5852 Sep 12 j 20:58	22° <b>∏</b> 53'06	
	-5854 Apr 13 j 09:43	0° <b>Υ</b>			-5852 Sep 19 j 00:28	0ංම 	
	-5854 May 08 j 03:17	0°8			-5852 Oct 14 j 04:00	$0^{\circ}\Omega$	
	-5854 Jun 02 j 01:41	0°II			-5852 Nov 07 j 17:12	0° <b>m</b> )	
	-5854 Jun 27 j 08:14	0ಂತಾ			-5852 Dec 02 j 03:02	0∘ <del>⊽</del>	
desc. node	-5854 Jul 19 j 00:50	25° <b>©</b> 10'07			-5852 Dec 26 j 13:55	$0^{\circ}$ M.	
	-5854 Jul 23 j 06:48	$0^{\circ}\Omega$		desc. node	-5851 Jan 02 j 23:54	9° <b>M</b> .04'53	
	-5854 Aug 19 j 19:10	0° <b>m</b>			-5851 Jan 20 j 02:26	0° <b>∡</b> ¹	
evening max el	-5854 Aug 23 j 20:08	4° <b>™</b> 07'37	47°38'33		-5851 Feb 13 j 15:27	ರ∘ರ	
	-5854 Sep 22 j 16:29	0∘ <b>⊽</b>		morning set	-5851 Feb 19 j 21:53	7° <b>る</b> 39'52	
greatest brilliancy	-5854 Oct 04 j 01:37	5° <b>₽</b> 55'38	-4.9m		-5851 Mar 10 j 03:44	0° <b>≈</b>	
retrograde	-5854 Oct 13 j 20:42	7° <b>≏</b> 47'08		max. Earth dist.	-5851 Mar 26 j 11:55	20° <b>≈</b> 02'15	1.73739 AU
evening set	-5854 Oct 28 j 14:59	3° <b>≏</b> 23'16					
min. Earth dist.	-5854 Nov 02 j 23:20	0° <b>≏</b> 11'21	0.26753 AU	superior conj	-5851 Mar 28 j 06:50	22°≈14'00	
	-5854 Nov 03 j 06:36	30°R, M)	1017140	minimum elong	-5851 Mar 28 j 15:07	22°≈39'26	0°58'55
inferior conj	-5854 Nov 03 j 13:32	29° <b>m</b> 49'12 29° <b>m</b> 44'47		aga mada	-5851 Apr 03 j 14:35	0° <b>∺</b> 26° <b>∺</b> 54'20	
minimum elong asc. node	-5854 Nov 03 j 16:21 -5854 Nov 08 j 16:44	26° m/43'20	1 10 44	asc. node	-5851 Apr 25 j 11:34 -5851 Apr 27 j 23:51	20 <b>γ</b> (3420	
morning rise	-5854 Nov 09 j 18:19	26° m) 08'04		evening rise	-5851 May 02 j 22:26	6° <b>Y</b> 05'22	
direct	-5854 Nov 23 j 20:01	22° m/06'34		evening rise	-5851 May 22 j 07:42	0°8	
greatest brilliancy	-5854 Dec 03 j 08:16	23° m/ 49'37	-4.9m		-5851 Jun 15 j 14:45	0°II	
<i>g.</i> • • • • • • • • • • • • • • • • • • •	-5854 Dec 15 j 10:21	0∘ <b>⊽</b>			-5851 Jul 09 j 22:27	0°©	
morning max el	-5853 Jan 12 j 08:48	23° <b>ჲ</b> 35'00	46°14'23		-5851 Aug 03 j 09:03	$0^{\circ}\Omega$	
C	-5853 Jan 18 j 19:28	$0^{\circ}$ M		desc. node	-5851 Aug 15 j 12:36	14° <b>Ω</b> 48'19	
	-5853 Feb 15 j 22:46	0° <b>∡</b> ¹			-5851 Aug 28 j 01:54	0° <b>m</b> )	
desc. node	-5853 Feb 28 j 21:45	14° <b>∡</b> °30′14			-5851 Sep 22 j 06:38	0∘ <b>⊽</b>	
	-5853 Mar 14 j 11:46	0°ප			-5851 Oct 18 j 13:09	$0^{\circ}$ M	
	-5853 Apr 09 j 05:18	0° <b>≈</b>		evening max el	-5851 Nov 03 j 02:39	16°M34'20	46°59'55
	-5853 May 04 j 09:15	0° <b>∀</b>			-5851 Nov 17 j 01:00	0° <b>∡</b> ¹	
	-5853 May 29 j 02:11	0° <b>Ƴ</b>		asc. node	-5851 Dec 06 j 03:44	14° <b>∡</b> ¹28'55	
asc. node	-5853 Jun 21 j 11:00	28° <b>Y</b> ′49′01		greatest brilliancy	-5851 Dec 12 j 17:49	17° <b>∡</b> ¹43'08	-4.8m
	-5853 Jun 22 j 09:52	0°8		retrograde	-5851 Dec 23 j 19:51	20° 🗷 02'24	
morning set	-5853 Jul 08 j 04:42	19° <b>8</b> 40'54		evening set	-5850 Jan 09 j 11:26	14° <b>₹</b> 29'38	0.20700 444
	-5853 Jul 16 j 10:16	0° <b>I</b> I		min. Earth dist.	-5850 Jan 13 j 05:46	12° 🗷 07'45	0.28788 AU
Fauth diet	-5853 Aug 09 j 06:02	0°©	1 70000 AII	inferior conj	-5850 Jan 14 j 00:40	11° <b>х</b> 37'21	7°25'21
max. Earth dist.	-5853 Aug 14 j 11:46	6°936'50	1.70960 AU	minimum elong morning rise	-5850 Jan 13 j 17:32 -5850 Jan 18 j 00:07	11° <b>х</b> 48'49 9° <b>х</b> 07'04	7°24'06
superior conj	-5853 Aug 15 j 10:52	7° <b>©</b> 49'46	1°23'36	direct	-5850 Feb 04 j 07:40	3° <b>∡</b> 120′27	
minimum elong	-5853 Aug 15 j 10:32	7°548'34		greatest brilliancy	-5850 Feb 13 j 03:39	4° <b>×</b> <sup>7</sup> 47'05	-4.7m
	-5853 Aug 13 j 10:29 -5853 Sep 02 j 00:13	0°Ω	1 23 30	greatest orimancy	-5850 Mar 21 j 18:22	0°る	1./111
evening rise	-5853 Sep 02 j 00:13	29° <b>Ω</b> 32'51		morning max el	-5850 Mar 25 j 01:45	3° <b>る</b> 06'04	45°51'17
<b></b>	-5853 Sep 25 j 19:39	0° m)		desc. node	-5850 Mar 28 j 09:08	6° <b>ප</b> 16'38	
desc. node	-5853 Oct 11 j 11:35	19° mp 39'03			-5850 Apr 20 j 09:46	0° <b>≈</b>	
	-5853 Oct 19 j 18:09	0∘ <u>⊽</u>			-5850 May 17 j 06:53	0° <b>∀</b>	
	-5853 Nov 12 j 20:39	$0^{\circ}$ M			-5850 Jun 11 j 21:21	$0^{\circ}$ Y	
					-		
	-5853 Dec 07 j 04:12	0° <b>∡</b> ¹			-5850 Jul 06 j 16:30	$9^{\circ}$ 8	
	-5853 Dec 31 j 19:27	აი		asc. node	-5850 Jul 18 j 23:28	15° <b>8</b> 08'26	
	·			asc. node	•		

•	ical year style is used: Th		•	· · · · · · · · · · · · · · · · · · ·			50 11
greatest brilliancy	-5850 Aug 10 j 07:32	12° <b>∏</b> 59'43		greatest brilliancy	-5847 Feb 19 j 18:00	24°≈18'45	-4.7m
greatest similare)	-5850 Aug 23 j 19:50	0°9	3.9111	retrograde	-5847 Mar 02 j 10:26	26°≈23'19	,
	-5850 Sep 16 j 13:40	0° <b>U</b>		evening set	-5847 Mar 19 j 06:09	21°≈01'03	
morning set	-5850 Sep 20 j 02:15	4° <b>Ω</b> 27'21		inferior conj	-5847 Mar 23 j 22:31	18°≈08'36	6°18'56
morning set	-5850 Oct 10 j 07:52	0° m)		minimum elong	-5847 Mar 24 j 07:11	17°≈54'57	6°17'09
	-3630 Oct 10 j 07.32	V IIV		min. Earth dist.	-5847 Mar 24 j 17:08	17°≈39'15	0.29373 AU
superior conj	-5850 Oct 31 j 23:14	27° m 12'01	0°16'13	morning rise	-5847 Mar 29 j 07:52	17 <b>≈</b> 5913	0.29373 AO
minimum elong	-5850 Nov 01 j 03:40	27° m/25'53	0°16'04	direct	-5847 Apr 14 j 19:11	9° <b>≈</b> 40'05	
behind sun begin	-5850 Oct 31 j 22:26	27° my 09'32	0 10 04	desc. node	-5847 Apr 24 j 20:01	11°≈28'03	
behind sun end	-5850 Nov 01 j 08:53	27° my 42'15		greatest brilliancy	-5847 Apr 25 j 12:53	11°≈42'57	-4.7m
bennia sun ena	-5850 Nov 03 j 04:52	0° <u>م</u>		greatest billiancy	-5847 Apr 23 j 12.33	0° <b>)</b> €	-4./111
max. Earth dist.	-5850 Nov 06 j 19:26	0 <u>—</u> 4° <b>ഫ</b> 30'58	1.71430 AU	morning max el	-5847 Jun 03 j 00:17	9° <b>¥</b> 53'04	46°04'59
desc. node	-5850 Nov 08 j 00:31	6° <b>£</b> 01'57	1./1430 AO	morning max ci	-5847 Jun 22 j 14:43	9 <b>γ</b> (33 04	40 04 39
desc. node	-5850 Nov 27 j 05:31	0° <b>™</b>			-5847 Jul 19 j 06:28	%8 0°B	
evening rise	-5850 Dec 13 j 04:02	19° <b>M</b> .47'49			-5847 Aug 13 j 10:13	0°II	
evening rise	-5850 Dec 21 j 09:46	0° <b>⊼</b> ¹		asc. node	-5847 Aug 15 j 11:34	2° <b>П</b> 30'09	
	-5849 Jan 14 j 17:49	0°ਤੇ		asc. node	-5847 Sep 06 j 19:05	0°95	
	-5849 Feb 08 j 06:55	0° <b>≈</b>			-5847 Sep 30 j 18:52	0°N	
asc. node	-5849 Feb 28 j 12:18	0 ∞ 24°≈26'44			-5847 Oct 24 j 16:21	0° <b>m</b> y	
asc. node	-5849 Mar 05 j 03:29	0° <b>)</b>			-5847 Nov 17 j 15:45	0° <b>ت</b> الله	
	-5849 Mar 30 j 11:04	0° <b>Υ</b>		desc. node	-5847 Dec 05 j 13:16	0 <b>=</b> 22° <b>Ω</b> 16'33	
	-5849 Apr 25 j 11:33	0°8		morning set	-5847 Dec 06 j 13:32	22° <b>⊆</b> 1033	
	-5849 May 22 j 18:59	0°II		morning set	-5847 Dec 00 j 13:32	23 <b>=</b> 31 34 0° <b>™</b>	
evening max el	-5849 Jun 08 j 21:07	0 H 17°H22'26	46°19'07		-5846 Jan 05 j 00:39	0° <b>⊼</b> ¹	
desc. node	-5849 Jun 20 j 15:48	28° <b>I</b> 15'13	40 1907		-3640 Jan 05 j 00.39	0 🗴	
desc. node	-5849 Jun 22 j 16:33	0°95		superior conj	-5846 Jan 16 j 05:08	13° <b>∡</b> ¹48'03	1015145
greatest brilliancy	-5849 Jul 19 j 11:59	16°956'28	-4.9m	minimum elong	-5846 Jan 15 j 21:46	13° <b>х</b> 4803	
retrograde	-5849 Jul 28 j 15:18	18°9528'40	-4.9111	max. Earth dist.	-5846 Jan 18 j 10:49		1.73117 AU
evening set	-5849 Aug 15 j 14:36	12°S29'18		max. Earth dist.	-5846 Jan 29 j 08:49	0°る	1./311/ AO
inferior conj	-5849 Aug 18 j 09:14	10°549'28	8°50'27	evening rise	-5846 Feb 22 j 23:39	0°≈15'15	
minimum elong	-5849 Aug 18 j 10:21	10°947'47		evening rise	-5846 Feb 22 j 18:41	0°≈	
min. Earth dist.	-5849 Aug 18 j 13:06	10°943'38	0.26783 AU	greatest brilliancy	-5846 Mar 01 j 15:17	0 ∞ 8°≈24'40	-3.9m
morning rise	-5849 Aug 21 j 06:01	9° <b>5</b> 06'22	0.20763 AC	greatest offinaley	-5846 Mar 19 j 06:30	0° <b>)</b> €	-3.7111
direct	-5849 Sep 07 j 21:19	3°912'05		asc. node	-5846 Mar 28 j 00:53	10° <b>)</b> 42′16	
greatest brilliancy	-5849 Sep 18 j 11:17	5°918'58	-4.9m	asc. node	-5846 Apr 12 j 21:00	0°Υ	
asc. node	-5849 Oct 11 j 08:05	20°920'55	4.7111		-5846 May 07 j 15:07	0°8	
use. Hode	-5849 Oct 21 j 19:58	0° <b>Ω</b>			-5846 Jun 01 j 14:20	0°П	
morning max el	-5849 Oct 28 j 14:48	6° <b>Ω</b> 46'36	46°46'49		-5846 Jun 26 j 22:12	0°©	
morning max ci	-5849 Nov 19 j 03:49	0° <b>m</b> )	40 40 47	desc. node	-5846 Jul 18 j 02:55	24° <b>©</b> 31'01	
	-5849 Dec 15 j 06:52	0∘ <u>⊽</u>		dose. Hode	-5846 Jul 22 j 23:09	0° <b>Ω</b>	
	-5848 Jan 09 j 18:00	0° <b>™</b>			-5846 Aug 19 j 17:14	0° my	
desc. node	-5848 Jan 31 j 12:07	25°M52'48		evening max el	-5846 Aug 21 j 10:39		47°37'48
desc. node	-5848 Feb 03 j 22:56	0° <b>∡</b> 7		overmig man er	-5846 Sep 24 j 05:47	0∘ <b>⊽</b>	., 3, .0
	-5848 Feb 28 j 23:38	0°ਰ		greatest brilliancy	-5846 Oct 01 j 16:15	3° <b>ჲ</b> 29'31	-4.9m
	-5848 Mar 24 j 19:48	0° <b>≈</b>		retrograde	-5846 Oct 11 j 10:47	5° <b>Ω</b> 20'30	
	-5848 Apr 18 j 10:56	0° <b>)</b> €		evening set	-5846 Oct 26 j 05:52	0° <b>£</b> 54'46	
morning set	-5848 Apr 28 j 00:14	11° <b>)</b> 42'38		0. tg	-5846 Oct 27 j 20:14	30°R M⊅	
. 8	-5848 May 12 j 20:52	0° <b>Ƴ</b>		min. Earth dist.	-5846 Oct 31 j 13:29	• •	0.26709 AU
asc. node	-5848 May 23 j 00:22	12° <b>Y</b> ′32'33		inferior conj	-5846 Nov 01 j 02:52	27° m) 23'24	
max. Earth dist.	-5848 May 29 j 06:38	20° <b>Y</b> 18'17	1.72670 AU	minimum elong	-5846 Nov 01 j 06:32	27° m) 17'42	
				morning rise	-5846 Nov 07 j 07:46	23° m/42'51	
superior conj	-5848 Jun 02 j 19:25	25° <b>Y</b> ′56′01	0°24'57	asc. node	-5846 Nov 07 j 18:51	23° m/28'07	
minimum elong	-5848 Jun 02 j 14:38	25° <b>Y</b> 41′09	0°24'51	direct	-5846 Nov 21 j 09:07	19° <b>m</b> 41'34	
C	-5848 Jun 06 j 01:56	0°B		greatest brilliancy	-5846 Nov 30 j 22:12	21° m/25'55	-4.9m
	-5848 Jun 30 j 03:06	$\Pi^{\circ}0$		· ·	-5846 Dec 16 j 11:19	0∘ <mark>⊽</mark>	
evening rise	-5848 Jul 09 j 03:02	11° <b>Ⅱ</b> 15'30		morning max el	-5845 Jan 10 j 00:02	21° <b>≏</b> 18'50	46°15'34
-	-5848 Jul 24 j 02:06	0ಂತಾ		-	-5845 Jan 18 j 15:51	$0^{\circ}$ M	
	-5848 Aug 17 j 01:09	$0^{\circ}\Omega$			-5845 Feb 15 j 14:02	0° <b>∡</b> ″	
	-5848 Sep 10 j 02:25	0° <b>m</b> )		desc. node	-5845 Feb 28 j 00:02	13° <b>∡</b> ′56′53	
desc. node	-5848 Sep 12 j 01:02	2° m/24'50			-5845 Mar 14 j 00:55	ರ°0	
	-5848 Oct 04 j 07:54	0∘ <del>⊽</del>			-5845 Apr 08 j 17:22	0° <b>≈</b>	
	-5848 Oct 28 j 20:11	0°M			-5845 May 03 j 20:42	0° <b>)</b> €	
	-5848 Nov 22 j 20:37	0° <b>∡</b> ¹			-5845 May 28 j 13:18	$0$ ° $\Upsilon$	
	-5848 Dec 18 j 22:33	ರ∘ರ		asc. node	-5845 Jun 20 j 13:05	28° <b>Y</b> 21'23	
asc. node	-5847 Jan 02 j 14:47	15° <b>පි</b> 51'56			-5845 Jun 21 j 20:50	$9^{\circ}$ 8	
evening max el	-5847 Jan 12 j 17:55	26° <b>පි</b> 07'40	45°29'34	morning set	-5845 Jul 05 j 20:23	17° <b>8</b> 25'41	
	-5847 Jan 16 j 18:30	0° <b>≈</b>			-5845 Jul 15 j 21:12	$\Pi^{\circ}0$	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 12 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Seek	Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
septomotor of printing minimane (minimane)         SMSS Nag 12   2212         5°91781   6'2179         centage (minimane)         SMSS Nag 12   2222         5°9178   6'23190         centage (minimane)         SMSS Nag 12   2222         5°9178   6'23190         centage (minimane)         SMSS Nag 22   1002         6'23190         centage (minimane)         SMSS Nag 22   1002         6'23190         centage (minimane)         5'85 Nag 22   1002         6'05 Nag 22   1002         6'05 Nag 22   1002         centage (minimane)         5'85 Nag 22   1002         6'05 Nag 22   1002         centage (minimane)         5'85 Nag 22   1002         6'05 Nag 22   1002         centage (minimane)         5'85 Nag 22   1002         6'05 Nag 2					3			
	max. Earth dist.	-5845 Aug 11 j 18:24	3° <b>9</b> 51'33	1.70993 AU	•			7°15'36
minimamone         8848 Age 19 1 22 22         55 89 1 19 19         72 90 00 00 00 00 00 00 00 00 00 00 00 00					-			
SASS Speed   19   1117   07   12   12   12   13   13   13   13   13		• •				•		
Section   Sect	minimum elong	• •		1°23'49	greatest brilliancy	•		-4.7m
cen. node         5848 Seq. 15 [6629]         0°B         dec. node         5844 Arg. 27 [117]         5°55 10/1         5°55 10/1         5°55 10/1         6°55 10/1         6°15 10/1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td>45051100</td>						•		45051100
Self-Nort   Self	evening rise				-			45°51'28
Set 10	JJ.		-		desc. node	•		
S45 No	desc. node	-	-					
Set   Set		•						
1968   1972		3						
See node		·			asc node			
1.00   1.00		·			use. Houe	_		
Self Heb Dig   2005   0°H   Self Heb Dig   2005   0°H   Self Heb Dig   0°P   Self Heb Dig	asc. node				greatest brilliancy			-3.9m
1.00   1.00		-			gy			
Peculing maxel		-						
18-14   18-15   18-	evening max el	-5844 Mar 24 j 20:10	4° <b>Υ</b> 15'49	45°05'56	morning set			
ctrongade   -5844 May 12 jol -19   3°51 4'26   superior conj   -5842 Oct 2 jol jof -38   2"m 372   0°2000	-	-5844 Apr 28 j 07:32	0°8		•		0° <b>m</b>	
Self New   Self May 22 j 10 6.7   Self May 22 j 10 6.7   Self May 25 j 10 20   Self May 25 j 10 20   Self May 26 j 10 20   Self Ma	greatest brilliancy	-5844 May 01 j 16:27	1° <b>8</b> 20'21	-4.7m				
Sequenting	retrograde	-5844 May 12 j 01:49	3° <b>8</b> 14'26		superior conj	-5842 Oct 29 j 07:43	24° <b>m</b> 33'21	0°20'09
cecing set   5844 Mm y 26   1856   29°°Y0'0'0   max. Earth dist.   5842 Nov 04   03.38   1° 13132 AU inferior conj   5844 Jun   02   05:15   25°°Y2'50'9   2°31'4   desc. node   5842 Nov 07   02:29   5° 23'32   5° 23'13'2   5° 28'14'10   5° 28'14'10   5° 29'15'3   5° 28'13'2   5° 28'14'10	desc. node	-5844 May 22 j 06:57	1° <b>8</b> 13'34		minimum elong	-5842 Oct 29 j 13:10	24° <b>m</b> 50'24	0°19'57
minimulendom   S844 Jun   02 j0 S12   25°P/2509   2°3314   desc. node   S842 Nov 07 j0.229   5°43370   1		-5844 May 25 j 02:27				-5842 Nov 02 j 15:59	0∘ <b>⊽</b>	
minin. Earth dist.         5844 Jun 0 2 j 0.18         25°Y3375 8         231322         evening rise         -5842 Dec 10 j 15.17 1         7°RL 1925 5         7°RL 1925 5 <th< td=""><td>Č</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td>1.71372 AU</td></th<>	Č					•		1.71372 AU
mmingrise   5844 Jun 0.2 j 1843   25°P0'532   0.28002 AU   0.28002	-				desc. node			
moming rise direct         -5844 Jun 08 j 04-59 2   19°°5'33   21°°5'53   5844 Jun 23 j 17-23   19°°7'9232   5844 Jun 14 j 04-59   0°°5   5844 Jun 14 j 04-59   22°5   19°°7'9333   4.8m         -5844 Jun 14 j 04-59   0°°5   5844 Jun 12 j 26-60   0°°5   5844 Jun 12 j 26-60   0°°5   0°°1   5844 Jun 14 j 15-23   0°°7   0°°2   5844 Jun 14 j 15-23   0°°4   0°°5   5844 Jun 14 j 15-23   0°°4   0°°5   5844 Jun 14 j 17-54   0°°5	Č	-						
direct         -5844 Jun 23 j 17-23         17°P'2222         5844 Jun 14 j 04-59         0°E         -5844 Jun 14 j 04-59         0°E         -5844 Jun 12 j 06-60         0°B         asc. node         -5844 Jun 12 j 06-60         0°B         -5844 Jun 12 j 06-60         0°B         asc. node         -5844 Jun 14 j 04-59         0°PK         -5844 Aug 12 j 22-33         0°PG         -5844 Aug 12 j 22-33         0°PG         -5844 Aug 12 j 03-47         0°E         -5844 Aug 23 j 00-47         0°E         -5844 Aug 23 j 03-47         0°FT         -490-44         -490-44         -490-44         -490-44         -490-44         -490-44         -490-44         -490-44         -490-44		-		0.28002 AU	evening rise			
Seal Filliance   Seal Fill old j 22:25   19°N 39'33   4.8m   sac. node   5841 Feb	_	-						
S844 Jul 22 j06.01   0°B   sac. node   -5841 Feb 27 j14.25   23°asS822   32°asS822   32		-		4.0				
morning max el   -5844 Aug   2 j 2 j 2.53   19°S 32"14   46°39"09   -5841 Mar 29 j 2.51   0°P    -5844 Mar 29 j 2.51   0°P    -5843 Mar 29 j 1.51   0°P    -5	greatest brilliancy			-4.8m	1			
S844 Aug 23 j 0.947   0°H   S844 Mar 29 j 23:51   0°P   S844 Mar 29 j 23:51   0°B   S844 Mar 25 j 02:11   0°B   S844 Mar 25 j 02:12   0°B   S844 Mar 25 j 02:14   0°B	marring may al	-		46920100	asc. node			
S84. Sep. 11 j 23:18   22° I 14'03   S84. Sep. 18 j 15:40   S95. S84. Sep. 18 j 14:55   S84. Sep. 18 j 14:55   S84. Sep. 19 j 14:57   S84. Sep. 19 j 13:32   S97. Sep. S84. Sep. 19 j 13:32   S97. Sep. Sep. Sep. Sep. Sep. Sep. Sep. Sep	morning max ei			40-39-09				
-5844 Sep 18 j 15:40   0°\$   cevening max   -5841 May 22 j 13:47   0°\$   1°\$   15631   4°15'31'3   4°15'31   4°15'31'3   4°15'31'3   4°15'31'3   4°15'31'3   4°15'31'3   4°15'31'3   4°15'3	asa nada							
-5844 Oct 13 j 17:27   0°Ω   cevening max el   -5841 Jun 10 6 j 08:47   14°II 56'31   46°II 571   17°II 12°   18°II 12°	asc. Houc					1 0		
Self Nov 07 j 05:43   0°m   Self Nov 07 j 05:43   0°m   Self Nov 07 j 05:44   0°m   Self Nov 07 j 05:45   0°m					evening max el			46°15'31
Self		-			-	-		.0 10 51
desc. node   -5843 Jan   02 j 01:23   0°R   self.						•		
desc. node					greatest brilliancy	_		-4.9m
Sessive   Se	desc. node	-			-			
morning set   -5843 Feb 17 j 14:58   5° 32:20   minimum elong   -5841 Aug 15 j 21:28   8° 321'19   8′ 59′11   173748 AU   min. Earth dist.   -5841 Aug 16 j 01:36   8° 31'50   0.26817 AU   18′ 32′113   1.73748 AU   morning rise   -5841 Aug 16 j 10:36   8° 39′15   0.26817 AU   18′ 32′113   1.73748 AU   morning rise   -5841 Aug 18 j 17:09   0° 39′35   0° 30′316   0° 32′316		-5843 Jan 19 j 13:32	0° <b>∡</b> ¹		evening set	-5841 Aug 13 j 01:40	10° <b>©</b> 02'36	
max. Earth dist.   -5843 Mar 24 j 10:29   18°≈11'31   1.73748 AU   morning rise   -5841 Aug 16 j 01:36   6°©39'56   6°°030'56		-5843 Feb 13 j 02:17	ರ°0		inferior conj	-5841 Aug 15 j 21:20	8° <b>5</b> 21'30	-8°59'32
max. Earth dist.         -5843 Mar 24 j 10:29         18°≈11'31         1.73748 AU         morning rise direct         -5841 Aug 18 j 17:09         6°\$39'56         4°\$31'6           superior conj         -5843 Mar 26 j 01:56         20°≈12'33         -1°01'01         greatest brilliancy         -5841 Sep 16 j 01:26         2°\$51'42         -4.9m           minimum elong         -5843 Mar 26 j 01:56         20°≈37'56         1°01'00         asc. node         -5841 Oct 10 j 01:11         19°\$13'01         -4.9m           asc. node         -5843 Apr 30 j 01:16         0°H         -5841 Oct 20 j 03:11         4°\$11'02         0°Ω           asc. node         -5843 Apr 24 j 13:37         26°\$£27'34         morning max el         -5841 Oct 26 j 03:11         4°\$16'33         46°47'32           evening rise         -5843 Apr 30 j 18:04         4°\$\$Y'04'40         -5841 Dec 14 j 21:20         0°\$\$\mathbb{\texts}\$         0°\$\$\mathbb{\texts}\$         -5840 Jan 09 j 07:01         0°\$\$\mathbb{\texts}\$         0°\$\$\mathbb{\texts}\$         -5840 Jan 09 j 07:01         0°\$\$\mathbb{\texts}\$         0°\$\$\mathbb{\texts}\$         -5840 Feb 28 j 11:00 <td>morning set</td> <td>-5843 Feb 17 j 14:58</td> <td>5°<b>る</b>32'20</td> <td></td> <td>minimum elong</td> <td>-5841 Aug 15 j 21:28</td> <td>8°<b>5</b>21'19</td> <td>8°59'11</td>	morning set	-5843 Feb 17 j 14:58	5° <b>る</b> 32'20		minimum elong	-5841 Aug 15 j 21:28	8° <b>5</b> 21'19	8°59'11
Superior conj   -5843 Mar 26 j 01:56   20°≈12'33 -1°01'01   greatest brilliancy   -5841 Sep 16 j 01:26   2°∞51'42   -4.9m   minimum elong   -5843 Mar 26 j 101:12   20°≈37'56   1°01'00   asc. node   -5841 Oct 10 j 10:11   19°©13'01		-5843 Mar 09 j 14:25	0° <b>≈</b>		min. Earth dist.	-5841 Aug 16 j 01:36	8° <b>5</b> 15'04	0.26817 AU
Superior conj   -5843 Mar 26 j 01:56   20°≈12'33 -1°01'01   greatest brilliancy   -5841 Sep 16 j 01:26   2°©51'42   4.9m     minimum elong   -5843 Mar 26 j 10:12   20°≈37'56   1°01'00   asc. node   -5841 Oct 10 j 10:11   19°©13'01     asc. node   -5843 Apr 03 j 01:16   0°¥	max. Earth dist.	-5843 Mar 24 j 10:29	18° <b>≈</b> 11'31	1.73748 AU	morning rise			
minimum elong								
-5843 Apr 03 j 01:16 0° H  -5841 Oct 21 j 21:27 0° Ω  -5843 Apr 24 j 13:37 26° H 27'34  morning max el  -5841 Oct 26 j 03:11 4° Ω16'33 46° 47'32  -5843 Apr 27 j 10:38 0° Υ  -5843 Apr 27 j 10:38 0° Υ  -5841 Nov 18 j 21:09 0° №   -5843 May 21 j 18:40 0° Β  -5843 Jun 15 j 02:03 0° Ⅲ		3			-			-4.9m
asc. node	minimum elong	•		1°01'00	asc. node			
-5843 Apr 27 j 10:38   0°Υ   -5841 Nov 18 j 21:09   0°™   -5843 Apr 30 j 18:04   4°Υ04'40   -5843 May 21 j 18:40   0°Ե   -5840 Jan 09 j 07:01   0°™   -5840 Jan 09 j 07:01   0°™   -5843 Jun 15 j 02:03   0°™   -5843 Jun 15 j 02:03   0°™   -5840 Feb 03 j 11:03   0°×   -5840 Feb 03 j 11:03   0°×   -5843 Aug 02 j 21:25   0°Ω   -5843 Aug 02 j 21:25   0°Ω   -5843 Aug 14 j 14:51   14°Ω16'30   -5843 Aug 27 j 15:08   0°™   -5840 Apr 17 j 21:50   0°×   -5843 Aug 27 j 15:08   0°™   -5843 Aug 27 j 16:33   18°™								46045100
evening rise	asc. node				morning max el			46°47′32
-5843 May 21 j 18:40 0°8 -5840 Jan 09 j 07:01 0°M -5843 Jun 15 j 02:03 0°M desc. node -5840 Jan 30 j 14:18 25°M 22'49 -5843 Jul 09 j 10:12 0°© -5843 Aug 02 j 21:25 0°Ω -5843 Aug 02 j 21:25 0°Ω -5843 Aug 02 j 21:25 0°Ω -5840 Feb 03 j 11:03 0°₹ -5840 Feb 28 j 11:10 0°₹ -5843 Aug 02 j 21:25 0°Ω -5843 Aug 27 j 15:08 0°M -5840 Apr 17 j 21:50 0°¥ -5840 Apr 17 j 21:50 0°¥ -5843 Apr 27 j 15:08 0°M -5843 Apr 27 j 15:08 0°M -5843 Apr 27 j 15:08 0°M -5843 Apr 27 j 12:21 0°Ω -5840 Apr 25 j 19:40 9°¥41'34 -5843 Oct 18 j 07:02 0°M -5843 Apr 25 j 19:40 9°¥41'34 -5840 Apr 25 j 19:40 0°Y -5843 Nov 17 j 06:30 0°₹ -5840 May 12 j 07:41 0°Y -5840 May 12 j 07:41 0°Y -5843 Nov 17 j 06:30 0°₹ -5840 May 27 j 04:33 18°Y23'47 1.72731 AU asc. node -5843 Dec 05 j 05:54 13°₹02'39 retrograde -5843 Dec 21 j 11:27 17°₹49'45 minimum elong -5840 May 31 j 14:00 23°Y50'59 0°21'58 retrograde -5842 Jan 07 j 01:31 12°₹21'34 -48m minimum elong -5840 May 31 j 09:45 23°Y37'47 0°21'54 evening set -5842 Jan 07 j 01:31 12°₹21'34 -5840 Jun 05 j 12:47 0°♥								
-5843 Jun 15 j 02:03 0° II desc. node -5840 Jan 30 j 14:18 25° III.22'49 -5843 Jul 09 j 10:12 0° S -5843 Aug 02 j 21:25 0° Ω -5840 Feb 03 j 11:03 0° ₹ -5840 Feb 28 j 11:10 0° ₹ -5840 Feb 28 j 11:10 0° ₹ -5843 Aug 02 j 21:25 0° Ω -5843 Aug 14 j 14:51 14° Ω 16'30 -5843 Aug 27 j 15:08 0° III.21'10 0° ₹ -5840 Apr 24 j 06:57 0° ★ -5843 Aug 27 j 15:08 0° III.21'10 0° ₹ -5840 Apr 17 j 21:50 0° ₹ -5843 Apr 25 j 19:40 9° ₹ 41'34 -5843 Apr 25 j 19:40 9° ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 -5843 Apr 25 j 19:40 0° ♀ ₹ 41'34 0°	evening rise					·		
-5843 Jul 09 j 10:12 0°S -5840 Feb 03 j 11:03 0°X -5840 Aug 02 j 21:25 0°Ω -5843 Aug 02 j 21:25 0°Ω -5840 Feb 28 j 11:10 0°S -5840 Feb 28 j 11:1					desc node			
-5843 Aug 02 j 21:25 0° Ω -5840 Feb 28 j 11:10 0° ₹    desc. node		-			desc. Hode			
desc. node		-						
-5843 Aug 27 j 15:08 0° № -5840 Apr 17 j 21:50 0° ★ -5843 Sep 21 j 21:21 0° ♣ morning set -5840 Apr 25 j 19:40 9° ★ 41'34 -5843 Oct 18 j 07:02 0° № -5843 Oct 31 j 18:31 14° № 17'22 47° 02'52 asc. node -5840 May 22 j 02:28 12° № 05'33 -5843 Nov 17 j 06:30 0° № max. Earth dist5840 May 27 j 04:33 18° № 23'47 1.72731 AU asc. node -5843 Dec 05 j 05:54 13° № 02'39 greatest brilliancy -5843 Dec 10 j 11:44 15° № 31'36 -4.8m superior conj -5840 May 31 j 14:00 23° № 50° 21'58 retrograde -5843 Dec 21 j 12:27 17° № 49'45 minimum elong -5840 May 31 j 19:45 23° № 37'47 0° 21'54 evening set -5842 Jan 07 j 01:31 12° № 21'34	desc. node							
-5843 Sep 21 j 21:21 0° Ω morning set -5840 Apr 25 j 19:40 9° H 41'34 cevening max el -5843 Oct 18 j 07:02 0° IL cevening max el -5843 Oct 31 j 18:31 14° IL 17'22 47°02'52 asc. node -5840 May 22 j 02:28 12° Y 05'33 cevening max el cevening set cevening morning set cevening set ceven								
-5843 Oct 18 j 07:02 0° ll -5843 May 12 j 07:41 0° γ evening max el -5843 Oct 31 j 18:31 14° ll.17'22 47° 02'52 asc. node -5840 May 22 j 02:28 12° γ 05'33					morning set			
evening max el					<i>2</i> ·			
-5843 Nov 17 j 06:30 0° ₹ max. Earth dist5840 May 27 j 04:33 18° № 23'47 1.72731 AU  asc. node	evening max el			47°02'52	asc. node			
asc. node		-5843 Nov 17 j 06:30			max. Earth dist.	-5840 May 27 j 04:33	18° <b>Ƴ</b> 23'47	1.72731 AU
retrograde -5843 Dec 21 j 12:27 17° ₹49'45 minimum elong -5840 May 31 j 09:45 23° № 37'47 0°21'54 evening set -5842 Jan 07 j 01:31 12° ₹21'34 -5840 Jun 05 j 12:47 0° ₹	asc. node	-5843 Dec 05 j 05:54	13° <b>∡</b> '02'39					
evening set -5842 Jan 07 j 01:31 12° <b>尽</b> 21'34 -5840 Jun 05 j 12:47 0° <b>♂</b>	greatest brilliancy	-	15° <b>∡</b> ³31'36	-4.8m				
· · · · · · · · · · · · · · · · · · ·		-			minimum elong			0°21'54
min. Earth dist5842 Jan 10 j 21:31 9° ₹ 57′07 0.28717 AU -5840 Jun 29 j 14:07 0° <b>I</b>	•					_		
	mın. Earth dist.	-5842 Jan 10 j 21:31	9° <b>∡</b> ¹57'07	0.28717 AU		-5840 Jun 29 j 14:07	0 <sub>0</sub> П	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 13 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical c	ounting style.	5
evening rise	-5840 Jul 06 j 19:41	9° <b>Ⅱ</b> 02'46		morning max el	-5837 Jan 07 j 14:56	19° <b>ഫ</b> 00'15	46°16'47
	-5840 Jul 23 j 13:21	$0$ $\circ$ $\odot$			-5837 Jan 18 j 12:07	$0^{\circ}$ M	
	-5840 Aug 16 j 12:39	$0^{\circ}\Omega$			-5837 Feb 15 j 05:29	0° <b>∡</b> ¹	
	-5840 Sep 09 j 14:13	0° <b>m</b>		desc. node	-5837 Feb 27 j 02:11	13° <b>∡</b> °22′16	
desc. node	-5840 Sep 11 j 03:08	1° <b>m</b> 54'37			-5837 Mar 13 j 14:18	0°ಕ	
	-5840 Oct 03 j 20:06	0∘ <b>⊽</b>			-5837 Apr 08 j 05:39	0° <b>≈</b>	
	-5840 Oct 28 j 08:57	0°M₊			-5837 May 03 j 08:23	0° <b>∀</b>	
	-5840 Nov 22 j 10:27	0° <b>∡</b> ¹			-5837 May 28 j 00:40	$0^{\circ}$ Y	
	-5840 Dec 18 j 14:44	0°ಕ		asc. node	-5837 Jun 19 j 15:16	27° <b>Y</b> 53′24	
asc. node	-5839 Jan 01 j 17:01	15° <b>පි</b> 08'45			-5837 Jun 21 j 08:02	$0^{\circ}S$	
evening max el	-5839 Jan 10 j 09:14	23° <b>る</b> 54'34	45°32'09	morning set	-5837 Jul 03 j 12:36	15° <b>8</b> 11'33	
	-5839 Jan 16 j 18:29	0° <b>≈</b>			-5837 Jul 15 j 08:21	$\Pi$ °0	
greatest brilliancy	-5839 Feb 17 j 09:58	22° <b>≈</b> 11'12	-4.7m		-5837 Aug 08 j 04:11	$0$ $\circ$ $\odot$	
retrograde	-5839 Feb 28 j 04:00	24° <b>≈</b> 17′21		max. Earth dist.	-5837 Aug 08 j 23:57	1°902'20	1.71027 AU
evening set	-5839 Mar 17 j 01:31	18° <b>≈</b> 50'48					
inferior conj	-5839 Mar 21 j 15:36	16° <b>≈</b> 01'35		superior conj	-5837 Aug 10 j 13:10	2° <b>9</b> 59'45	
minimum elong	-5839 Mar 22 j 00:07	15° <b>≈</b> 48′09	6°28'36	minimum elong	-5837 Aug 10 j 11:00	2° <b>9</b> 52'56	1°23'30
min. Earth dist.	-5839 Mar 22 j 09:17	15° <b>≈</b> 33'43	0.29398 AU		-5837 Aug 31 j 22:33	$0$ ° $\Omega$	
morning rise	-5839 Mar 26 j 22:27	12° <b>≈</b> 46'47		evening rise	-5837 Sep 20 j 04:27	24° <b>Ω</b> 14'55	
direct	-5839 Apr 12 j 12:14	7° <b>≈</b> 32'36			-5837 Sep 24 j 18:13	0° <b>m</b> )	
greatest brilliancy	-5839 Apr 23 j 04:40	9° <b>≈</b> 34'44	-4.7m	desc. node	-5837 Oct 09 j 15:45	18° <b>m</b> 41'00	
desc. node	-5839 Apr 23 j 22:04	9° <b>≈</b> 50'58			-5837 Oct 18 j 16:58	0∘ <b>⊽</b>	
	-5839 May 23 j 09:18	0° <b>∀</b>			-5837 Nov 11 j 19:43	0°M₊	
morning max el	-5839 May 31 j 17:29	7° <b>)</b> 45′23	46°04'04		-5837 Dec 06 j 03:42	0° <b>∡</b>	
	-5839 Jun 22 j 07:36	0°Υ			-5837 Dec 30 j 19:50	0°₹	
	-5839 Jul 18 j 20:29	0° <b>8</b>			-5836 Jan 25 j 02:23	0° <b>≈</b>	
	-5839 Aug 12 j 23:00	0°II		asc. node	-5836 Jan 30 j 04:37	5°≈55'02	
asc. node	-5839 Aug 14 j 13:50	1° <b>Ⅱ</b> 58'16			-5836 Feb 20 j 11:43	0° <b>)</b> €	
	-5839 Sep 06 j 07:17	0° <b>©</b>			-5836 Mar 20 j 07:50	0° <b>Υ</b>	
	-5839 Sep 30 j 06:43	0° <b>Q</b>		evening max el	-5836 Mar 22 j 11:24	2° <b>Y</b> '03'07	
	-5839 Oct 24 j 03:59	0° <b>m</b> )		greatest brilliancy	-5836 Apr 29 j 06:59	29° <b>Y</b> ′06′07	-4.7m
. ,	-5839 Nov 17 j 03:13	0° <b>⊽</b>			-5836 May 02 j 05:31	0°8	
morning set	-5839 Dec 04 j 00:04	21° <b>⊆</b> 00'15		retrograde	-5836 May 09 j 15:40	0° <b>8</b> 59'34	
desc. node	-5839 Dec 04 j 15:24	21° <b>Ω</b> 47'54			-5836 May 16 j 19:53	30° <b>₹</b> Υ	
	-5839 Dec 11 j 05:56	0° <b>M</b> ○0. <b>7</b>		desc. node	-5836 May 21 j 09:08	28° <b>Y</b> 21'41	
	-5838 Jan 04 j 11:48	0° <b>∡</b> ¹		evening set	-5836 May 24 j 09:03	26° <b>Y</b> 54'52	2012146
	5020 I 12:10.10	110 720022	1014110	inferior conj	-5836 May 30 j 20:30	23° <b>Y</b> 09'50 23° <b>Y</b> 17'13	
superior conj	-5838 Jan 13 j 19:18			minimum elong min. Earth dist.	-5836 May 30 j 15:39 -5836 May 31 j 10:16		0.28049 AU
minimum elong	-5838 Jan 13 j 11:20					19° <b>Y</b> 37'06	0.28049 AU
max. Earth dist.	-5838 Jan 16 j 04:00	14 x・24 22 0°る	1.73069 AU	morning rise	-5836 Jun 05 j 21:29	19 <b>γ</b> 3706 15° <b>γ</b> 06'07	
avanina risa	-5838 Jan 28 j 19:53 -5838 Feb 20 j 16:56	0 3 28° <b>る</b> 07'10		direct	-5836 Jun 21 j 08:35 -5836 Jul 02 j 13:50	13 <b>γ</b> 06 07 17° <b>Υ</b> 22'51	-4.8m
evening rise	-	28 S07 10 0°≈		greatest brilliancy	,	0° <b>8</b>	-4.6111
greatest brilliancy	-5838 Feb 22 j 05:44 -5838 Feb 28 j 03:25	0 ≈ 7°≈14'21	2 0m	morning max el	-5836 Jul 22 j 19:05 -5836 Aug 10 j 12:20	17° <b>8</b> 08'46	46°38'12
greatest billiancy	-5838 Mar 18 j 17:41	0° <b>H</b>	-3.9111	morning max er	-5836 Aug 22 j 19:59	0°Ⅱ	40 36 12
asc. node	-5838 Mar 27 j 02:56	0 <b>X</b> 10° <b>¥</b> 14'10		asc. node	-5836 Sep 11 j 01:19	0 H 21° <b>∏</b> 33'49	
asc. node	-5838 Apr 12 j 08:30	10 <b>γ</b> 14 10		asc. node	-5836 Sep 11 j 01:19	21 <b>ந</b> 3349	
	-5838 May 07 j 03:07	0°8			-5836 Oct 13 j 07:02	0° <b>U</b>	
	-5838 Jun 01 j 03:10	0°II			-5836 Nov 06 j 18:26	0° <b>m</b> )	
	-5838 Jun 26 j 12:24	0°©			-5836 Dec 01 j 03:08	0∘ <b>⊽</b>	
desc. node	-5838 Jul 17 j 05:11	23°951'48			-5836 Dec 25 j 13:11	0° <b>™</b>	
dese. Hode	-5838 Jul 22 j 15:53	0°Ω		desc. node	-5835 Jan 01 j 04:09	8° <b>M</b> L07'16	
evening max el	-5838 Aug 19 j 01:38	29° <b>Ω</b> 22'56	47°36'35	dese. Hode	-5835 Jan 19 j 01:01	0°×7'	
evening mun er	-5838 Aug 19 j 16:24	0° m)	., 5055		-5835 Feb 12 j 13:32	0°ප	
	-5838 Sep 26 j 16:52	0∘ <b>⊽</b>		morning set	-5835 Feb 15 j 07:30	3° <b>る</b> 21'44	
greatest brilliancy	-5838 Sep 29 j 06:08	1° <b>♀</b> 01'10	-4.9m	morning see	-5835 Mar 09 j 01:31	0° <b>≈</b>	
retrograde	-5838 Oct 09 j 00:39	2° <b>£</b> 51'42	,	max. Earth dist.	-5835 Mar 22 j 07:08	16°≈13'42	1.73750 AU
	-5838 Oct 20 j 18:17	30°R, Mp					
evening set	-5838 Oct 23 j 20:40	28° My 24'05		superior conj	-5835 Mar 23 j 20:40	18° <b>≈</b> 08'51	-1°03'01
min. Earth dist.	-5838 Oct 29 j 03:10	25° m/2403	0.26673 AU	minimum elong	-5835 Mar 24 j 04:53	18° <b>≈</b> 34'05	
inferior conj	-5838 Oct 29 j 15:51	24° <b>m</b> 55'23			-5835 Apr 02 j 12:19	0° <b>\</b>	<b></b>
minimum elong	-5838 Oct 29 j 20:20	24° m/ 48'26	2°02'37	asc. node	-5835 Apr 23 j 15:43	25° <b>¥</b> 59'52	
morning rise	-5838 Nov 04 j 20:39	21° m/ 15'38	- <del></del> -		-5835 Apr 26 j 21:44	0° <b>Υ</b>	
asc. node	-5838 Nov 06 j 21:03	20° m/14'11		evening rise	-5835 Apr 28 j 13:29	2° <b>Υ</b> '02'21	
direct	-5838 Nov 18 j 22:24	17° <b>m</b> ) 14'27		<i>5</i>	-5835 May 21 j 05:59	0°8	
greatest brilliancy	-5838 Nov 28 j 11:36	18° <b>m</b> 59'30	-4.9m		-5835 Jun 14 j 13:42	0°II	
	-5838 Dec 17 j 06:34	0∘ <b>⊽</b>			-5835 Jul 08 j 22:19	0°©	
	3				3		

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5835 Aug 02 j 10:10  $0^{\circ}\Omega$ -5833 Dec 14 j 11:47 0∘**⊽** -5835 Aug 13 j 16:58 13°**Ω**43'15 -5832 Jan 08 j 20:03 0°M desc. node -5835 Aug 27 j 04:46 0°m -5832 Jan 29 j 16:26 24°M52'21 desc. node -5835 Sep 21 j 12:28 0∘ഹ -5832 Feb 02 j 23:15 0°×7 -5832 Feb 27 j 22:49 -5835 Oct 18 j 01:33 0°궁 0°M 11°M56'47 47°05'38 evening max el -5835 Oct 29 j 09:18 -5832 Mar 23 j 18:14 0°≈ 0°**)**€ -5835 Nov 17 j 14:38 0° **₹** -5832 Apr 17 j 08:55 7°**)**€39'08 asc. node -5835 Dec 04 j 08:07 11°**х** 32′23 morning set -5832 Apr 23 j 14:48  $0^{\circ}$ greatest brilliancy -5835 Dec 08 j 05:31 13°**∡**18'37 -4.8m -5832 May 11 j 18:41 11°**Y**38'18 retrograde -5835 Dec 19 j 04:42 15°**∡** 35'47 asc. node -5832 May 21 j 04:41 evening set -5834 Jan 04 j 15:23 10°**х** 12′03 max. Earth dist. -5832 May 25 j 01:45 16°**Y**26'33 1.72787 AU min. Earth dist. -5834 Jan 08 j 13:25 7°**∡**¹44'41 0.28651 AU 21°**Y**44'29 inferior conj -5834 Jan 09 j 09:41 7°**∡**12′02 7°07'51 superior conj -5832 May 29 j 08:16 0°18'57 minimum elong -5834 Jan 09 j 01:47 7°**х¹**24'46 7°06'23 minimum elong -5832 May 29 j 04:35 21°**Y**33'02 0°18'53 morning rise -5834 Jan 13 j 12:40 4°**х**³36′05 -5832 Jun 04 j 23:49 0°8 -5834 Jan 23 j 09:57 30°RML -5832 Jun 29 j 01:16  $0^{\circ}\Pi$ direct -5834 Jan 30 j 14:40 28°M57'32 evening rise -5832 Jul 04 j 12:10 6°**Ⅱ**49'12 -5834 Feb 07 j 02:04 0°×7 -5832 Jul 23 j 00:42 0ಂತಾ greatest brilliancy -5834 Feb 08 j 10:05 0°**∡**123′20 -4.7m -5832 Aug 16 j 00:15  $0^{\circ}\Omega$ morning max el -5834 Mar 20 j 06:57 28°**₹**39'50 45°51'43 -5832 Sep 09 j 02:08 0° m -5834 Mar 21 j 16:32 0°궁 desc. node -5832 Sep 10 j 05:09 1° m 23'50 desc. node -5834 Mar 26 j 13:19 4°る44'27 -5832 Oct 03 i 08:25 0∘**⊽** -5834 Apr 19 j 17:38 0°≈ -5832 Oct 27 j 21:52 0°M -5834 May 16 j 09:52 0°**)**€ -5832 Nov 22 j 00:26 0°×7 -5834 Jun 10 j 22:04  $0^{\circ}\Upsilon$ -5832 Dec 18 j 07:13 0°정 -5834 Jul 05 j 16:04 0°8 -5832 Dec 31 j 19:15 14°る24'55 asc node -5834 Jul 17 j 03:49 -5831 Jan 08 j 01:20 14°**8**09'55 21°る43'17 45°34'49 evening max el asc node -5834 Jul 29 j 21:19 0°Π -5831 Jan 16 j 19:40 0°≈ 19°**Ⅱ**17'12 -3.9m greatest brilliancy greatest brilliancy -5834 Aug 14 j 06:30 -5831 Feb 15 j 01:52 20°≈03'36 -4 7m -5831 Feb 25 j 21:35 -5834 Aug 22 j 18:33 0.00 22°≈11'08 retrograde 29°9519'43 16°≈40'35 -5834 Sep 14 j 23:33 -5831 Mar 14 j 20:49 morning set evening set -5834 Sep 15 j 12:17 0° $\Omega$ -5831 Mar 19 j 08:39 13°≈54'19 6°41'03 inferior conj 13°**≈**41'13 6°39'28 -5834 Oct 09 j 06:24 -5831 Mar 19 j 16:57 0° m minimum elong -5831 Mar 20 j 01:01 min. Earth dist. 13°**≈**28'31 0.29422 AU -5834 Oct 26 j 16:33 21° m 54'57 0°23'59 superior conj morning rise -5831 Mar 24 j 12:55 10°≈43'18 minimum elong -5834 Oct 26 j 22:58 22° m 15'05 0°23'46 direct -5831 Apr 10 j 05:42 5°≈25'05 max. Earth dist. -5834 Nov 01 j 09:14 29° m 03'22 1.71315 AU greatest brilliancy -5831 Apr 20 j 19:45 7°**≈**25'37 -4.7m -5834 Nov 02 j 03:19 0∘**⊽** -5831 Apr 23 j 00:20 8°≈17'09 desc. node desc. node -5834 Nov 06 j 04:40 5°**£**04'42 -5831 May 23 j 10:59 0°**)**€ -5834 Nov 26 j 03:54 0°M morning max el -5831 May 29 j 10:48 5°\mathfrak{H}37'47 46°02'59 evening rise -5834 Dec 08 j 02:39 14°M50'47 -5831 Jun 22 j 00:18  $0^{\circ}\Upsilon$ -5834 Dec 20 j 08:10 0°×7 -5831 Jul 18 j 10:28 0°8 -5833 Jan 13 j 16:24 0°る -5831 Aug 12 j 11:48  $0^{\circ}\Pi$ -5833 Feb 07 j 05:57 1°**I**I25'42 0°≈ asc. node -5831 Aug 13 j 15:53 23°≈28'22 -5831 Sep 05 j 19:25 asc. node -5833 Feb 26 j 16:35 0ಂತಾ -5833 Mar 04 i 03:30 0°**∀** -5831 Sep 29 i 18:30  $0^{\circ}\Omega$  $0^{\circ}\Upsilon$ -5833 Mar 29 j 13:02 -5831 Oct 23 j 15:32 0° m -5833 Apr 24 j 17:20 0°8 -5831 Nov 16 j 14:37 0∘**⊽** -5833 May 22 j 09:24  $\mathbb{I}^{\circ 0}$ morning set -5831 Dec 01 i 10:33 18°**£**28'33 -5833 Jun 03 i 20:49 12°**Ⅲ**31'02 46°12'14 -5831 Dec 03 i 17:32 21°**₽**19'28 evening max el desc node -5833 Jun 18 j 20:09 26°**Ⅱ**05'42 -5831 Dec 10 j 17:11 0°M desc. node -5833 Jun 23 j 16:44 0ಂತಾ -5830 Jan 03 j 22:54 0°×7 greatest brilliancy -5833 Jul 14 j 10:18 11°**9**59'10 -4 8m -5833 Jul 23 j 14:28 13°932'34 -5830 Jan 11 j 09:17 9°**х** 10'33 -1°12'45 retrograde superior conj -5833 Aug 10 j 12:11 7°936'23 -5830 Jan 11 j 00:47 8°**х** 44'18 1°12'52 evening set minimum elong -5833 Aug 13 j 09:28 5°953'10 -8°58'35 -5830 Jan 13 j 22:31 12°**尽** 19'25 1.73020 AU inferior conj max. Earth dist. -5833 Aug 13 j 08:35 5°954'29 8°58'13 -5830 Jan 28 j 06:52 0°궁 minimum elong -5830 Feb 18 j 10:10 25°る59'07 min. Earth dist. -5833 Aug 13 j 13:42 5°9546'48 0.26852 AU evening rise 4°9512'25 -5830 Feb 21 j 16:42 morning rise -5833 Aug 16 j 04:53 0°≈ 6°≈16'04 -3.9m -5833 Aug 24 j 15:08 30°Ŗ**Ⅱ** greatest brilliancy -5830 Feb 26 j 19:23 direct -5833 Sep 02 j 22:05 28°**Ⅱ**14'06 -5830 Mar 18 j 04:47 0°**₩** -5833 Sep 12 j 13:25 0 $\circ$  $\odot$ -5830 Mar 26 j 05:06 9°**)**46'41 asc. node  $0^{\circ}\Upsilon$ greatest brilliancy -5833 Sep 13 j 15:08 0°9523'44 -4.9m -5830 Apr 11 j 19:56 asc. node -5833 Oct 09 j 12:21 18°906'35 -5830 May 06 j 15:08 0°8 -5833 Oct 21 j 21:54 0° $\Omega$ -5830 May 31 j 16:04  $0^{\circ}\Pi$ 1°Ω48'49 46°48'13 -5830 Jun 26 j 02:45 0ಂತಾ morning max el -5833 Oct 23 j 16:40 -5830 Jul 16 j 07:16 23°9511'33 -5833 Nov 18 j 14:17 desc. node

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 15 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi		-	n astronomical cou	nting style is the year	5900 BCE in historical co	ounting style.	
	-5830 Jul 22 j 08:57	$0^{\circ}\Omega$			-5827 Feb 12 j 00:28	0°ಕ	
evening max el	-5830 Aug 16 j 16:46	27° <b>Ω</b> 01′24	47°35'20	morning set	-5827 Feb 12 j 23:50	1° <b>る</b> 11'30	
	-5830 Aug 19 j 16:33	0° <b>™</b>			-5827 Mar 08 j 12:19	0° <b>≈</b>	
greatest brilliancy	-5830 Sep 26 j 20:11	28° <b>m</b> 33'19	-4.9m	max. Earth dist.	-5827 Mar 20 j 02:30	14° <b>≈</b> 12'56	1.73753 AU
	-5830 Oct 02 j 05:45	0∘ <b>⊽</b>					
retrograde	-5830 Oct 06 j 14:16	0° <b>ჲ</b> 22'49		superior conj	-5827 Mar 21 j 15:28	16°≈06'21	
. ,	-5830 Oct 10 j 20:29	30°R Mp		minimum elong	-5827 Mar 21 j 23:36	16° <b>≈</b> 31'18	1°04'58
evening set	-5830 Oct 21 j 11:36	25° m 53'30	0.26626 ATT		-5827 Apr 01 j 23:04	0° <b>₩</b>	
min. Earth dist.	-5830 Oct 26 j 16:50 -5830 Oct 27 j 04:46	22° m 27'33	0.26636 AU	asc. node	-5827 Apr 22 j 17:57	25° <b>¥</b> 33'33 0° <b>Y</b> 01'32	
inferior conj minimum elong	-5830 Oct 27 j 04:46 -5830 Oct 27 j 10:03	22° m 19'23		evening rise	-5827 Apr 26 j 09:03 -5827 Apr 26 j 08:33	0° <b>Υ</b> 01′32 0° <b>Υ</b>	
morning rise	-5830 Nov 02 j 09:10	18° <b>m</b> 48'42	2 23 28		-5827 May 20 j 16:59	0°8	
asc. node	-5830 Nov 05 j 23:19	17° <b>m</b> ) 04'49			-5827 Jun 14 j 01:02	0°II	
direct	-5830 Nov 16 j 11:38	14° Mp 47'44			-5827 Jul 08 j 10:08	0°©	
greatest brilliancy	-5830 Nov 26 j 00:54	16° <b>m</b> 33'07	-4 9m		-5827 Aug 01 j 22:39	$0 {\circ} \Omega$	
greatest stillarity	-5830 Dec 17 j 20:44	0∘ <b>⊽</b>	,	desc. node	-5827 Aug 12 j 19:00	13° <b>Ω</b> 10′29	
morning max el	-5829 Jan 05 j 04:59	16° <b>≏</b> 39'51	46°17'55		-5827 Aug 26 j 18:13	0° m)	
5 5	-5829 Jan 18 j 07:36	0°M₊			-5827 Sep 21 j 03:35	0∘ <u>⊽</u>	
	-5829 Feb 14 j 20:32	0° <b>∡</b> ¹			-5827 Oct 17 j 20:22	0° <b>M</b> .	
desc. node	-5829 Feb 26 j 04:11	12° <b>∡</b> ¹48′00		evening max el	-5827 Oct 26 j 23:38	9°M35'25	47°08'30
	-5829 Mar 13 j 03:23	ರ°0		•	-5827 Nov 18 j 01:26	0° <b>∡</b> ¹	
	-5829 Apr 07 j 17:42	0° <b>≈</b>		asc. node	-5827 Dec 03 j 10:17	9° <b>∡</b> 759'14	
	-5829 May 02 j 19:50	0° <b>)</b> €		greatest brilliancy	-5827 Dec 05 j 23:03	11° <b>∡</b> ¹05′26	-4.8m
	-5829 May 27 j 11:49	$0^{\circ}$ Y		retrograde	-5827 Dec 16 j 21:05	13° <b>₹</b> ′22'08	
asc. node	-5829 Jun 18 j 17:26	27° <b>Y</b> 25'53		evening set	-5826 Jan 02 j 05:05	8° <b>∡</b> ¹02'36	
	-5829 Jun 20 j 19:03	$9^{\circ}$ 8		min. Earth dist.	-5826 Jan 06 j 05:11	5° <b>∡</b> ³32'28	0.28580 AU
morning set	-5829 Jul 01 j 04:43	12° <b>8</b> 57'40		inferior conj	-5826 Jan 07 j 02:01	4° <b>∡</b> ¹58'57	6°58'05
	-5829 Jul 14 j 19:22	$\Pi$ $^{\circ}0$		minimum elong	-5826 Jan 06 j 17:47	5° <b>∡</b> 12'11	6°56'28
max. Earth dist.	-5829 Aug 06 j 03:31	28° <b>Ⅱ</b> 07'19	1.71068 AU	morning rise	-5826 Jan 11 j 06:59	2° <b>∡</b> 120′04	
	-5829 Aug 07 j 15:15	0			-5826 Jan 15 j 12:05	30°RM₊	
		_		direct	-5826 Jan 28 j 05:27	26°M45'27	
superior conj	-5829 Aug 08 j 02:35		1°22'40	greatest brilliancy	-5826 Feb 06 j 01:33	28°ML11'37	-4.7m
minimum elong	-5829 Aug 07 j 23:35	0°9526'17	1°23'01		-5826 Feb 10 j 18:55	0° <b>∡</b> ¹	
	-5829 Aug 31 j 09:44	0°N		morning max el	-5826 Mar 17 j 21:53	26° <b>∡</b> ¹27'45	45°52'03
evening rise	-5829 Sep 17 j 13:07	21° <b>Ω</b> 35'49			-5826 Mar 21 j 14:08	0°る	
1 1-	-5829 Sep 24 j 05:30	0°Щ)		desc. node	-5826 Mar 25 j 15:37	4°る00'15	
desc. node	-5829 Oct 08 j 17:55	18° Mp 12'24			-5826 Apr 19 j 09:02	0° <b>≈</b> 0° <b>∀</b>	
	-5829 Oct 18 j 04:20 -5829 Nov 11 j 07:14	0ം <b>ル</b> 0∘ಹ			-5826 May 15 j 23:02 -5826 Jun 10 j 10:09	0° <b>Υ</b>	
	-5829 Nov 11 j 07.14 -5829 Dec 05 j 15:26	0° <b>⊼</b> 7			-5826 Jul 05 j 03:34	0°8	
	-5829 Dec 30 j 08:04	°ਤ ਹ`ਣ		asc. node	-5826 Jul 16 j 05:53	13° <b>8</b> 41'06	
	-5828 Jan 24 j 15:39	0°≈		use. Houe	-5826 Jul 29 j 08:33	0°Ⅱ	
asc. node	-5828 Jan 29 j 06:39	5°≈21'47		greatest brilliancy	-5826 Aug 15 j 01:16	20° <b>∏</b> 56'42	-3 9m
use. Houe	-5828 Feb 20 j 03:19	0° <b>∀</b>		greatest erimane,	-5826 Aug 22 j 05:40	0°9	3.911
evening max el	-5828 Mar 20 j 01:59	29° <b>) (</b> 49'42	45°04'19	morning set	-5826 Sep 12 j 10:35	26° <b>©</b> 47'48	
S	-5828 Mar 20 j 06:20	$0^{\circ}\Upsilon$		C	-5826 Sep 14 j 23:22	$0^{\circ}\Omega$	
greatest brilliancy	-5828 Apr 26 j 21:44	26° <b>Y</b> 53′20	-4.7m		-5826 Oct 08 j 17:29	0° m/y	
retrograde	-5828 May 07 j 05:31	28° <b>Ƴ</b> 46′22			·	•	
desc. node	-5828 May 20 j 11:18	25° <b>Y</b> 27′07		superior conj	-5826 Oct 24 j 01:06	19° <b>m</b> 16'23	0°27'48
evening set	-5828 May 21 j 23:29	24° <b>Y</b> 41'38		minimum elong	-5826 Oct 24 j 08:27	19° <b>m</b> 39'26	0°27'34
inferior conj	-5828 May 28 j 11:19	20° <b>Y</b> 56′06	-1°52'22	max. Earth dist.	-5826 Oct 29 j 12:30	$26^{\circ}$ Mp $08^{\circ}$ $32$	1.71266 AU
minimum elong	-5828 May 28 j 07:11	21° <b>Y</b> 02'24	1°51'03		-5826 Nov 01 j 14:23	0∘ <b>亚</b>	
min. Earth dist.	-5828 May 29 j 02:10	20° <b>Ƴ</b> 33′28	0.28100 AU	desc. node	-5826 Nov 05 j 06:49	4° <b>≙</b> 36'45	
morning rise	-5828 Jun 03 j 14:00	17° <b>Ƴ</b> 20′28			-5826 Nov 25 j 14:58	0° <b>M</b>	
direct	-5828 Jun 18 j 23:27	12° <b>Y</b> 51′12		evening rise	-5826 Dec 05 j 13:26	12°M21'00	
greatest brilliancy	-5828 Jun 30 j 05:54	15° <b>Y</b> 08'17	-4.8m		-5826 Dec 19 j 19:14	0° <b>∡</b> ¹	
	-5828 Jul 23 j 04:24	0°8			-5825 Jan 13 j 03:32	0°₹	
morning max el	-5828 Aug 08 j 01:38	14° <b>8</b> 45'50	46°37'05	_	-5825 Feb 06 j 17:19	0° <b>≈</b>	
	-5828 Aug 22 j 14:27	0°II		asc. node	-5825 Feb 25 j 18:46	22°≈59'41	
asc. node	-5828 Sep 10 j 03:32	20° <b>I</b> 55'01			-5825 Mar 03 j 15:24	0° <b>∀</b>	
	-5828 Sep 17 j 21:45	0°©			-5825 Mar 29 j 02:00	0°Ƴ	
	-5828 Oct 12 j 20:21	0° <b>N</b>			-5825 Apr 24 j 08:22	0° <b>B</b>	
	-5828 Nov 06 j 06:55	0° <b>₽</b>		avaning may al	-5825 May 22 j 05:15	0°Ⅱ 10°Ⅱ09'42	46°09'01
	-5828 Nov 30 j 15:03 -5828 Dec 25 j 00:40	0° <b>II</b> 0° <b>亞</b>		evening max el desc. node	-5825 Jun 01 j 10:01 -5825 Jun 17 j 22:17	10°Щ09'42 24°Щ59'03	+0 0901
desc. node	-5828 Dec 25 j 00:40 -5828 Dec 31 j 06:14	7° <b>M</b> L38'41		uese. Hour	-5825 Jun 1/ j 22:17 -5825 Jun 24 j 10:31	24° <b>Д</b> 3903	
desc. Houe	-5827 Jan 18 j 12:10	/ 1163841 0° <b>√</b>		greatest brilliancy	-5825 Jul 11 j 20:44	0 € 9°€31'20	-4 8m
	502, sair 10 j 12.10	~ ^		51 carest offinality	5025 Jul 11 j 20.44	) <del>-</del> 3120	1.0111

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5825 Jul 21 j 03:02 11°9506'14 -5822 Jan 03 j 09:51 0°×7 retrograde -5825 Aug 07 j 22:22 5°9312'38 evening set -5825 Aug 10 j 21:43 -5822 Jan 08 j 23:15 3°526'32 -8°56'38 6° ₹ 51'47 -1°11'02 inferior conj superior conj 6°**∡**124'00 1°11'08 -5825 Aug 10 j 19:52 3°529'19 8°56'14 -5822 Jan 08 j 14:14 minimum elong minimum elong -5822 Jan 11 j 18:19 min. Earth dist. -5825 Aug 11 j 01:34 3°920'45 0.26886 AU max. Earth dist. 10° ₹ 18'45 1.72973 AU -5822 Jan 27 j 17:44 0°₹ morning rise -5825 Aug 13 j 17:17 1°9545'48 -5825 Aug 16 j 20:28 30°R∏ evening rise -5822 Feb 16 j 03:14 23°る50'45 25°**Ⅱ**46'53 direct -5825 Aug 31 j 11:20 -5822 Feb 21 j 03:35 0°≈ greatest brilliancy -5825 Sep 11 j 04:15 27°**Ⅲ**56'47 -4.9m greatest brilliancy -5822 Feb 25 j 17:51 5°≈37'59 -3.9m -5825 Sep 15 j 17:13 0ಂತಾ -5822 Mar 17 j 15:50 0°**)**€ asc. node -5825 Oct 08 j 14:39 17°503'22 asc. node -5822 Mar 25 j 07:19 9°**)** 19'33  $0^{\circ}\Upsilon$ morning max el -5825 Oct 21 j 06:54 29°**5**24'19 46°48'39 -5822 Apr 11 j 07:19 -5825 Oct 21 j 20:48  $0^{\circ}\Omega$ -5822 May 06 j 03:05 0°8 -5825 Nov 18 j 06:47 0° m -5822 May 31 j 04:58  $0^{\circ}\Pi$ -5825 Dec 14 j 01:50 0∘**⊽** -5822 Jun 25 j 17:10 0ಂತಾ desc. node -5824 Jan 08 j 08:50 0°M -5822 Jul 15 j 09:22 22°931'07 desc. node -5824 Jan 28 j 18:28 24°M22'15 -5822 Jul 22 j 02:18  $0^{\circ}\Omega$ -5824 Feb 02 j 11:13 0°×7 evening max el -5822 Aug 14 j 07:31 24°**Ω**38'59 47°33'50 -5824 Feb 27 j 10:13 0°る -5822 Aug 19 j 17:49 0° m -5824 Mar 23 j 05:15 0°≈ greatest brilliancy -5822 Sep 24 j 10:53 26° Mp 06'21 -4.9m -5824 Apr 16 j 19:43 0°**∀** retrograde -5822 Oct 04 j 03:28 27° m 54'01 -5824 Apr 21 i 09:57 5°**)** 37'38 evening set -5822 Oct 19 i 02:45 23° m 23'00 morning set -5824 May 11 i 05:25  $0^{\circ}\Upsilon$ -5822 Oct 24 i 17:44 20° m 00'04 -2°50'05 inferior coni -5824 May 20 j 06:45 11°Y11'26 -5822 Oct 24 j 23:46 19° m 50'43 2°48'09 asc. node minimum elong max. Earth dist. -5824 May 22 j 22:01 14°**Y**27′16 1.72842 AU min. Earth dist. -5822 Oct 24 j 06:52 20° m 16'56 0.26598 AU -5822 Oct 30 j 21:26 16° m 22'12 morning rise -5824 May 27 j 02:42 19°**Y**39'17 0°15'56 -5822 Nov 05 j 01:24 14° m 00'58 superior coni asc. node -5824 May 26 j 23:35 -5822 Nov 14 j 00:24 19°**Y**29'38 0°15'52 12° m 21'21 minimum elong direct -5824 May 26 j 22:43 greatest brilliancy 19°**Y**26′58 -5822 Nov 23 j 14:32 14° Mp 07'16 behind sun begin -4.9m -5824 May 27 j 00:27 19°**Ƴ**32'18 -5822 Dec 18 j 07:10 0∘ಹ behind sun end -5824 Jun 04 j 10:37 -5821 Jan 02 j 18:09 14°**2**17'22 46°19'10 0°8 morning max el 0°M -5824 Jun 28 j 12:13  $\Pi$ °0 -5821 Jan 18 j 02:24 -5824 Jul 02 j 05:00 4°**Ⅲ**37'25 -5821 Feb 14 j 11:18 0°**∡** evening rise -5824 Jul 22 j 11:50 -5821 Feb 25 j 06:27 12°**х** 14′51 0ಂತಾ desc. node -5821 Mar 12 j 16:21 -5824 Aug 15 j 11:37 0° $\Omega$ 0°궁 -5824 Sep 08 j 13:47 0° m -5821 Apr 07 j 05:42 0°≈ desc. node -5824 Sep 09 j 07:24 0° m 54'38 -5821 May 02 j 07:18 0°**₩** -5824 Oct 02 j 20:29 0∘**⊽** -5821 May 26 j 22:59  $0^{\circ}\Upsilon$ -5824 Oct 27 j 10:34 0°M -5821 Jun 17 j 19:28 26°Y57'59 asc. node -5824 Nov 21 j 14:18 0°**√** -5821 Jun 20 j 06:05 0°8 -5824 Dec 17 j 23:47 0°ರ -5821 Jun 28 j 20:59 10°844'13 morning set -5824 Dec 30 j 21:20 13°る40'32 -5821 Jul 14 j 06:23 asc. node  $0^{\circ}\Pi$ -5823 Jan 05 j 18:02 19°る33'47 45°37'25 max. Earth dist. 25° II 19'34 1.71116 AU evening max el -5821 Aug 03 j 09:23 -5823 Jan 16 j 22:04 -5821 Aug 05 j 16:14 28° II 12'28 1°22'04 greatest brilliancy -5823 Feb 12 j 18:31 17°**≈**57'15 -4.7m superior conj retrograde -5823 Feb 23 i 15:05 20°≈05'13 minimum elong -5821 Aug 05 i 12:27 28° II 00'34 1°22'23 evening set -5823 Mar 12 j 16:12 14°≈31'06 -5821 Aug 07 i 02:20 0ಂತಾ -5823 Mar 17 i 01:47 11°≈47'38 6°51'18 -5821 Aug 30 i 20:57  $0^{\circ}\Omega$ inferior conj -5823 Mar 17 i 09:50 11°≈34'54 6°49'50 evening rise -5821 Sep 14 j 22:08 18°**Ω**57'35 minimum elong -5823 Mar 17 j 16:49 11°≈23'52 0.29440 AU -5821 Sep 23 j 16:51 min. Earth dist. O° m -5823 Mar 22 j 03:24 8°≈40'18 -5821 Oct 07 j 20:03 17° m 43'21 morning rise desc node 3°≈18'24 -5821 Oct 17 j 15:48 0∘**⊽** direct -5823 Apr 07 j 23:16 5°**≈**16'34 greatest brilliancy -5823 Apr 18 j 10:23 -4.7m -5821 Nov 10 j 18:49 oom. -5823 Apr 22 j 02:29 6°≈46'51 -5821 Dec 05 j 03:16 00 🗸 desc. node -5823 May 23 j 11:10 0°**)**€ -5821 Dec 29 j 20:24 0°정 morning max el -5823 May 27 j 03:37 3°¥29'42 46°01'52 -5820 Jan 24 j 05:03 0°22  $0^{\circ}\Upsilon$ -5823 Jun 21 j 16:30 -5820 Jan 28 j 08:52 4°≈48'44 asc. node -5823 Jul 18 j 00:10 0°8 -5820 Feb 19 j 19:13 0°**)**€  $0^{\circ}\Pi$ -5820 Mar 17 j 16:14 27°\dagger35'22 45°03'37 -5823 Aug 12 j 00:21 evening max el 0°II53'58  $0^{\circ}\Upsilon$ asc. node -5823 Aug 12 j 18:01 -5820 Mar 20 j 05:55 -5823 Sep 05 j 07:23 0ಂತಾ greatest brilliancy -5820 Apr 24 j 12:10 24°**Y**39′58 -4.7m -5823 Sep 29 j 06:06 0° $\Omega$ -5820 May 04 j 19:43 26°**Y**33′20 retrograde -5823 Oct 23 j 02:55 0° m evening set -5820 May 19 j 14:10 22°**Y**27′56 -5823 Nov 16 j 01:49 0∘**⊽** desc. node -5820 May 19 j 13:25 22°**Y**28′55 morning set -5823 Nov 28 j 21:23 15°**£**58'26 inferior conj -5820 May 26 j 02:14 18°**Y**42'17 -1°31'48 -5823 Dec 02 j 19:34 20°**£**51'16 -5820 May 25 j 22:51  $18^{\circ}\mathbf{\Upsilon}47'28$ 1°30'43 desc. node minimum elong 0°M min. Earth dist. -5820 May 26 j 18:11 18°**Y**17'59 0.28154 AU -5823 Dec 10 j 04:15

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 17 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	nical year style is used: Th	ie year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
morning rise	-5820 Jun 01 j 06:32	15° <b>Ƴ</b> 04'11			-5818 Nov 25 j 02:21	$0^{\circ}$ M	
direct	-5820 Jun 16 j 14:22	10° <b>Ƴ</b> 36′02		evening rise	-5818 Dec 03 j 00:04	9° <b>M</b> 49'42	
greatest brilliancy	-5820 Jun 27 j 22:27	12° <b>Y</b> ′54'11	-4.8m		-5818 Dec 19 j 06:40	0° <b>∡</b> ¹	
	-5820 Jul 23 j 11:22	0°8			-5817 Jan 12 j 15:03	0°ಕ	
morning max el	-5820 Aug 05 j 15:46	12° <b>8</b> 24'48	46°36'02		-5817 Feb 06 j 05:04	0° <b>≈</b>	
	-5820 Aug 22 j 08:37	0°II		asc. node	-5817 Feb 24 j 21:03	22°≈30'10	
asc. node	-5820 Sep 09 j 05:48	20° <b>Ⅱ</b> 16'22			-5817 Mar 03 j 03:42	0° <b>)</b> €	
	-5820 Sep 17 j 12:35	0° <b>©</b>			-5817 Mar 28 j 15:22	0° <b>Υ</b>	
	-5820 Oct 12 j 09:44	0° <b>N</b>			-5817 Apr 23 j 23:55	0°B	
	-5820 Nov 05 j 19:31	0° <b>m</b> )			-5817 May 22 j 02:05	0°Ⅱ 7°Ⅱ49'41	46905141
	-5820 Nov 30 j 03:07 -5820 Dec 24 j 12:18	0° <b>Մ</b> 0° <b>⊙</b>		evening max el desc. node	-5817 May 30 j 00:04 -5817 Jun 17 j 00:23	7°Щ49'41 23°Щ49'25	46°05'41
desc. node	-5820 Dec 24 j 12.18 -5820 Dec 30 j 08:18	บ แเ 7° <b>ไ</b> ใเ09'34		desc. node	-5817 Jun 25 j 11:06	23 <b>п</b> 4923	
desc. Hode	-5819 Jan 17 j 23:29	0° <b>√</b> 1		greatest brilliancy	-5817 Jul 25 j 11:00	0 ᢒ 7°902'15	4 8m
morning set	-5819 Feb 10 j 16:14	29° <b>х</b> 700'54		retrograde	-5817 Jul 18 j 15:31	8°938'30	-4.0111
morning set	-5819 Feb 11 j 11:32	0°る		evening set	-5817 Aug 05 j 08:01	2°548'24	
	-5819 Mar 07 j 23:15	0° <b>≈</b>		inferior conj	-5817 Aug 08 j 09:54	0°958'35	-8°53'38
max. Earth dist.	-5819 Mar 17 j 23:02		1.73757 AU	minimum elong	-5817 Aug 08 j 07:07	1°902'46	
				min. Earth dist.	-5817 Aug 08 j 13:19	0°953'27	
superior conj	-5819 Mar 19 j 10:27	14° <b>≈</b> 03'56	-1°06'45		-5817 Aug 10 j 01:00	30°RⅡ	
minimum elong	-5819 Mar 19 j 18:27	14° <b>≈</b> 28′28	1°06'48	morning rise	-5817 Aug 11 j 06:10	29° <b>Ⅱ</b> 16'56	
	-5819 Apr 01 j 09:59	0° <b>∀</b>		direct	-5817 Aug 29 j 00:54	23° <b>Ⅱ</b> 18'31	
asc. node	-5819 Apr 21 j 20:01	25° <b>)</b> €06'07		greatest brilliancy	-5817 Sep 08 j 17:01	25° <b>Ⅲ</b> 27'57	-4.9m
evening rise	-5819 Apr 24 j 04:49	28° <b>)</b> € 00'49			-5817 Sep 17 j 14:37	$0$ $\circ$ $\odot$	
	-5819 Apr 25 j 19:34	$0^{\circ}$ Y		asc. node	-5817 Oct 07 j 16:45	15° <b>©</b> 59'51	
	-5819 May 20 j 04:14	$0^{\circ}$ 8		morning max el	-5817 Oct 18 j 21:00	26°958'10	46°49'02
	-5819 Jun 13 j 12:38	$\Pi$ °0			-5817 Oct 21 j 19:19	$0^{\circ}\Omega$	
	-5819 Jul 07 j 22:14	$0$ $\circ$ $\odot$			-5817 Nov 17 j 23:24	0° <b>m</b> )	
	-5819 Aug 01 j 11:25	$0$ $^{\circ}$ $\Omega$			-5817 Dec 13 j 16:07	0∘ <b>⊽</b>	
desc. node	-5819 Aug 11 j 21:15	12° <b>Ω</b> 37'35			-5816 Jan 07 j 21:52	0°M₊	
	-5819 Aug 26 j 07:59	0° <b>m</b> )		desc. node	-5816 Jan 27 j 20:42	23° <b>M</b> .51'51	
	-5819 Sep 20 j 19:06	0∘ <b>⊽</b>			-5816 Feb 01 j 23:28	0° <b>∡</b> ¹	
	-5819 Oct 17 j 15:58	0°M	45011115		-5816 Feb 26 j 21:56	0°ප	
evening max el	-5819 Oct 24 j 14:31	7° <b>ጤ</b> 14'38	47°11'17		-5816 Mar 22 j 16:36	0° <b>≈</b>	
1	-5819 Nov 18 j 16:26	0° ∡⊓			-5816 Apr 16 j 06:51	0° <b>\</b> 3° <b>\</b> (35!57	
asc. node	-5819 Dec 02 j 12:28 -5819 Dec 03 j 16:05	8° <b>₹</b> 21'42 8° <b>₹</b> 50'26	-4.9m	morning set	-5816 Apr 19 j 05:21	3° <b>¥</b> 35'57 0° <b>Ƴ</b>	
greatest brilliancy	-5819 Dec 03 j 16:05	11° <b>x</b> '30'26	-4.9m	aga mada	-5816 May 10 j 16:27	0° γ 10° <b>Υ</b> 43'54	
retrograde evening set	-5819 Dec 14 j 13.46 -5819 Dec 30 j 18:40	5° <b>х</b> 51'44		asc. node max. Earth dist.	-5816 May 19 j 08:53 -5816 May 20 j 17:30		1 72804 AII
min. Earth dist.	-5818 Jan 03 j 20:43	3°×19'06	0.28508 AU	max. Earth dist.	-3610 May 20 J 17.30	12 1 24 49	1.72094 AU
inferior conj	-5818 Jan 04 j 18:15	2° <b>×</b> <sup>7</sup> 44'34	6°47'27	superior conj	-5816 May 24 j 21:27	17° <b>Y</b> ′34'20	0°12'54
minimum elong	-5818 Jan 04 j 09:45	2° <b>×</b> 7'58'12	6°45'44	minimum elong	-5816 May 24 j 18:55	17° <b>Υ</b> 26'30	0°12'52
morning rise	-5818 Jan 09 j 01:20	0° <b>∡</b> 102'45	0 13 11	behind sun begin	-5816 May 24 j 05:45	16° <b>Y</b> 45'42	0 1232
5 5	-5818 Jan 09 j 03:10	30°RM₊		behind sun end	-5816 May 25 j 08:05	18° <b>Ƴ</b> 07'18	
direct	-5818 Jan 25 j 20:18	24°M31'59			-5816 Jun 03 j 21:42	0°B	
greatest brilliancy	-5818 Feb 03 j 16:43	25°M58'34	-4.7m		-5816 Jun 27 j 23:27	$\Pi^{\circ}0$	
	-5818 Feb 12 j 19:53	0° <b>∡</b> ¹		evening rise	-5816 Jun 29 j 22:09	2° <b>Ⅲ</b> 25'51	
morning max el	-5818 Mar 15 j 13:42	24° <b>₰</b> 17'00	45°52'35		-5816 Jul 21 j 23:17	0ංම	
	-5818 Mar 21 j 11:16	0°ප			-5816 Aug 14 j 23:21	$0^{\circ}\Omega$	
desc. node	-5818 Mar 24 j 17:43	3° <b>る</b> 15'26		desc. node	-5816 Sep 08 j 09:29	0° Mp 23′37	
	-5818 Apr 19 j 00:28	0° <b>≈</b>			-5816 Sep 08 j 01:52	0° <b>m</b>	
	-5818 May 15 j 12:21	0° <b>∀</b>			-5816 Oct 02 j 09:00	0∘ <b>⊽</b>	
	-5818 Jun 09 j 22:28	0° <b>Ƴ</b>			-5816 Oct 26 j 23:44	0° <b>M</b> -	
	-5818 Jul 04 j 15:23	0°8			-5816 Nov 21 j 04:41	0° <b>∡</b> ¹	
asc. node	-5818 Jul 15 j 08:06	13° <b>8</b> 11'46			-5816 Dec 17 j 17:06	0°る	
amonto-t le-ill'	-5818 Jul 28 j 20:07	0°Ⅱ 22°Ⅱ2024	2 Om-	asc. node	-5816 Dec 29 j 23:36	12°る54'48	45040102
greatest brilliancy	-5818 Aug 15 j 15:23	22° <b>Ⅱ</b> 20'34 0° <b>©</b>	-3.7111	evening max el	-5815 Jan 03 j 10:14	17°る21'43	45°40'03
morning set	-5818 Aug 21 j 17:07 -5818 Sep 09 j 21:41	0°99 24°9915'03		greatest brilliancy	-5815 Jan 17 j 02:39 -5815 Feb 10 j 11:42	0° <b>≈</b> 15° <b>≈</b> 50'12	-4.7m
morning set	-5818 Sep 14 j 10:47	24 <b>3</b> 13 03		retrograde	-5815 Feb 10 j 11.42 -5815 Feb 21 j 08:04	13 ≈30 12 17°≈57'54	·¬./III
	-5818 Oct 08 j 04:52	0° <b>m</b> )		evening set	-5815 Mar 10 j 11:29	17 ≈3734 12°≈20'27	
	3010 30t 00 j 0 <del>1</del> .32	עייי		inferior conj	-5815 Mar 14 j 18:53	9° <b>≈</b> 39'46	7°01'05
superior conj	-5818 Oct 21 j 09:30	16° Mp 36'17	0°31'35	minimum elong	-5815 Mar 15 j 02:37	9°≈27'29	6°59'42
minimum elong	-5818 Oct 21 j 17:42	17° Mp 02'02	0°31'19	min. Earth dist.	-5815 Mar 15 j 08:52	9° <b>≈</b> 17'35	0.29454 AU
max. Earth dist.	-5818 Oct 26 j 17:47		1.71220 AU	morning rise	-5815 Mar 19 j 17:43	6°≈36'01	
	-5818 Nov 01 j 01:45	0∘ <b>⊽</b>		direct	-5815 Apr 05 j 16:28	1°≈10'33	
desc. node	-5818 Nov 04 j 08:48	4° <b>₽</b> 07'25		greatest brilliancy	-5815 Apr 16 j 01:10	3° <b>≈</b> 06′26	-4.7m
	,			-	. ,		

	nical year style is used: Th	-	n astronomical cou	anting style is the year			
desc. node	-5815 Apr 21 j 04:34	5°≈18'12			-5813 Dec 04 j 15:13	0° <b>⊼</b>	
. ,	-5815 May 23 j 10:41	0° <b>\</b>	46000150		-5813 Dec 29 j 08:55	8°0	
morning max el	-5815 May 24 j 19:37	1° <b>)</b> 18'45	46°00'59	,	-5812 Jan 23 j 18:43	0° <b>≈</b>	
	-5815 Jun 21 j 08:43	0° <b>Υ</b>		asc. node	-5812 Jan 27 j 11:08	4°≈15'09	
	-5815 Jul 17 j 13:58	0°B		·	-5812 Feb 19 j 11:32	0° <b>\</b> 25° <b>\</b> (20)50	45002111
asc. node	-5815 Aug 11 j 20:19	0° <b>Ⅱ</b> 22'08		evening max el	-5812 Mar 15 j 06:31	25° <b>¥</b> 20'50 0° <b>Υ</b>	45°03'11
	-5815 Aug 11 j 13:04	0° <b>Ⅱ</b>			-5812 Mar 20 j 06:48		4.7
	-5815 Sep 04 j 19:32	0° <b>ಲ</b>		greatest brilliancy	-5812 Apr 22 j 01:55	22° <b>Y</b> 25'42 24° <b>Y</b> 20'10	-4.7m
	-5815 Sep 28 j 17:58	0° <b>N</b>		retrograde	-5812 May 02 j 10:21	24° <b>Y</b> 20°10 20° <b>Y</b> 13'41	
	-5815 Oct 22 j 14:36	0° <b>m</b> )		evening set	-5812 May 17 j 04:59 -5812 May 18 j 15:38	20° <b>γ</b> 13'41 19° <b>γ</b> 27'01	
marning act	-5815 Nov 15 j 13:22	0° <b>ჲ</b> 13° <b>ჲ</b> 25'21		desc. node		19 <b>γ</b> 2701 16° <b>γ</b> 28'06	1911104
morning set desc. node	-5815 Nov 26 j 07:38 -5815 Dec 01 j 21:43	20° <b>£</b> 22′29		inferior conj minimum elong	-5812 May 23 j 17:04 -5812 May 23 j 14:26	16 <b>γ</b> 28 06 16° <b>γ</b> 32'07	
desc. node	-5815 Dec 01 j 21:45	20 <b>=</b> 22 29 0° <b>M</b>		min. Earth dist.	-5812 May 24 j 09:52		0.28209 AU
	-5814 Jan 02 j 21:05	0° <b>⊼</b>		morning rise	-5812 May 24 j 09:52	10 <b>γ</b> 02 31 12° <b>γ</b> 47'56	0.28209 AU
	-3614 Jan 02 J 21.03	0 X		direct	-5812 Jun 14 j 05:34	8° <b>Υ</b> 20'28	
superior conj	-5814 Jan 06 j 12:37	4° <b>∡</b> ³30'15	1°00'10	greatest brilliancy	-5812 Jun 25 j 14:48	10° <b>Υ</b> 39'47	-4.8m
minimum elong	-5814 Jan 06 j 03:11	4°×701'08		greatest offinality	-5812 Jul 23 j 16:19	0° <b>8</b>	-4.0111
max. Earth dist.	-5814 Jan 09 j 14:01		1.72919 AU	morning max el	-5812 Jul 23 j 10:19	10° <b>8</b> 06'30	46°35'00
max. Earm dist.	-5814 Jan 27 j 04:54	8 <b>メ</b> 1047 0°る	1.72919 AU	morning max er	-5812 Aug 03 j 00:30	0°Ⅱ	40 33 09
evening rise	-5814 Feb 13 j 19:55	21°る40'18		asc. node	-5812 Aug 22 j 02:22 -5812 Sep 08 j 07:51	19° <b>Ⅱ</b> 37'32	
evening rise	-5814 Feb 20 j 14:46	0°≈		asc. node	-5812 Sep 08 j 07:51	0°9	
greatest brilliancy	-5814 Feb 24 j 20:33	0 ≈ 5°≈11'57	2 0m		-5812 Sep 17 J 05:10	0° <b>U</b>	
greatest offinality	-5814 Mar 17 j 03:11	0° <b>∺</b>	-3.9111		-5812 Nov 05 j 07:55	0° <b>m</b> )	
asc. node	-5814 Mar 24 j 09:22	8° <b>∺</b> 51′00			-5812 Nov 29 j 15:00	0∘ <b>ت</b> راا	
asc. node	-5814 Apr 10 j 19:01	0° <b>Υ</b>			-5812 Nov 29 j 13:00 -5812 Dec 23 j 23:49	0 <u>==</u> 0°M⊾	
	-5814 May 05 j 15:21	0°8		desc. node	-5812 Dec 29 j 10:29	6° <b>™</b> 41'07	
	-5814 May 30 j 18:08	0°II		dese. Hode	-5811 Jan 17 j 10:44	0°×7'	
	-5814 Jun 25 j 07:54	0°ಅ		morning set	-5811 Feb 08 j 08:12	26° <b>∡</b> ¹48'58	
desc. node	-5814 Jul 14 j 11:39	21° <b>9</b> 50'26		morning sec	-5811 Feb 10 j 22:35	0°ප	
desc. node	-5814 Jul 21 j 20:08	0°Ω			-5811 Mar 07 j 10:10	0° <b>≈</b>	
evening max el	-5814 Aug 11 j 21:06	22° <b>Ω</b> 13'18	47°32'07	max. Earth dist.	-5811 Mar 15 j 20:26	10° <b>≈</b> 20'19	1.73760 AU
	-5814 Aug 19 j 20:35	0° m)					
greatest brilliancy	-5814 Sep 22 j 01:51	23° m/39'00	-4.9m	superior conj	-5811 Mar 17 j 05:02	12° <b>≈</b> 00'21	-1°08'30
retrograde	-5814 Oct 01 j 16:03	25° m/ 24'22				100 0401	100012.5
-	201.000			minimum elong	-5811 Mar 17 j 12:52	12° <b>≈</b> 24'21	1°08'35
evening set	-5814 Oct 16 j 17:55	20° m 51'13		minimum elong	-5811 Mar 17 j 12:52 -5811 Mar 31 j 20:51	12° <b>≈</b> 24'21 0° <b>∺</b>	1°08'35
evening set inferior conj	-		-3°12'44	asc. node	-		1°08'35
•	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37	20° <b>m</b> 51'13		_	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08	0° <b>∀</b>	150835
inferior conj	-5814 Oct 16 j 17:55	20° m 51'13 17° m 31'44 17° m 21'15		asc. node	-5811 Mar 31 j 20:51	0° <b>∺</b> 24° <b>∺</b> 39'04	1°08'35
inferior conj minimum elong	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22	20° m 51'13 17° m 31'44 17° m 21'15	3°10'35	asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18	0° <b>光</b> 24° <b>光</b> 39'04 25° <b>光</b> 59'31	1°08'35
inferior conj minimum elong min. Earth dist.	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25	3°10'35	asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31	0°₩ 24°₩39'04 25°₩59'31 0°Ψ	1°08'35
inferior conj minimum elong min. Earth dist. morning rise	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59	3°10'35	asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24	0°₩ 24°₩39'04 25°₩59'31 0°Ψ 0°₩	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17	3°10'35	asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11	0°₩ 24°₩39'04 25°₩59'31 0°Ψ 0°₩ 0°Ш	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node direct	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42	3°10'35 0.26569 AU	asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18	0°¥ 24°¥39'04 25°¥59'31 0°Y 0°B 0°I 0°©	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58	3°10'35 0.26569 AU	asc. node evening rise	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10	0°¥ 24°¥39'04 25°¥59'31 0°Y 0°B 0°II 0°© 0°A	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° <b>Ω</b>	3°10'35 0.26569 AU -4.9m	asc. node evening rise	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20	0°¥ 24°¥39'04 25°¥59'31 0°Y 0°B 0°II 0°S 0°Ω 12°Ω04'18	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° Ω 11° Ω 52'34	3°10'35 0.26569 AU -4.9m	asc. node evening rise	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43	0° ₩ 24° ₩ 39'04 25° ₩ 59'31 0° ℉ 0° ₩ 0° Ⅲ 0° ☞ 0° ℳ 12° ℳ 004'18	1°08'35
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° Ω 11° Ω 52'34 0° ML	3°10'35 0.26569 AU -4.9m	asc. node evening rise	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° B 0° II 0° © 0° Ω 12° Ω04'18 0° II 0° II 0° II 0° II	47°14'05
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° Ω 11° Ω 52'34 0° m. 0° ズ	3°10'35 0.26569 AU -4.9m	asc. node evening rise  desc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° ¥ 0° II 0° © 0° Ω 12° Ω04'18 0° II 0° II 0° II 0° II 0° II	
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° \( \text{\text{\$\e	3°10'35 0.26569 AU -4.9m	asc. node evening rise  desc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y' 0° 8 0° II 0° © 0° Ω 12° Ω04'18 0° II 0° II 0° II 0° II 0° II 0° II 0° II 0° II 0° II	
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inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 Apr 06 j 17:51	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° Ω 11° Ω 52'34 0° m. 0° ズ 11° ズ 40'49 0° ズ 0° ズ	3°10'35 0.26569 AU -4.9m	asc. node evening rise  desc. node evening max el greatest brilliancy	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35	0° <del>X</del> 24° <del>X</del> 39'04 25° <del>X</del> 59'31 0° <b>Y</b> 0° <del>Z</del> 0° <b>I</b> 0° <b>S</b> 0° <b>I</b> 12° <b>Ω</b> 04'18 0° <b>m</b> 0° <b>S</b> 0° <b>I</b> 4° <b>I</b> L57'28 0° <b>₹</b> 35'43	47°14'05
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 06 j 17:51 -5813 May 01 j 18:55	20° my 51'13 17° my 31'44 17° my 21'15 17° my 46'25 13° my 54'59 11° my 01'17 9° my 53'42 11° my 40'58 0° Ω 11° Ω 52'34 0° mL 0° ズ 11° ズ 40'49 0° ズ	3°10'35 0.26569 AU -4.9m	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42	0° <del>X</del> 24° <del>X</del> 39'04 25° <del>X</del> 59'31 0° <b>Y</b> 0° <del>B</del> 0° <b>Π</b> 0° <b>S</b> 12° Ω04'18 0° <b>M</b> 0° <b>S</b> 0° <b>M</b> 4° <b>M</b> 57'28 0° <b>Z</b> 6° <b>Z</b> 35'43 6° <b>Z</b> 41'45	47°14'05
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el desc. node	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 06 j 17:51 -5813 May 01 j 18:55 -5813 May 26 j 10:18	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° M 0° ズ 11° ズ 40'49 0° ズ 0° ※ 0° ※ 0° ※ 0° ¥ 0° ¥	3°10'35 0.26569 AU -4.9m	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42 -5811 Dec 12 j 06:53	0° ¥ 24° ¥39'04 25° ¥59'31 0° Υ 0° Β 0° Π 0° Ω 12° Ω04'18 0° Μ 0° Ω 4° M.57'28 0° ₹ 6° ₹35'43 6° ₹41'45 8° ₹53'24	47°14'05
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inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node morning set max. Earth dist.	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 26 j 10:18 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° m 0° ズ 11° ズ 40'49 0° ズ 0° ※ 0° ϒ 26° ϒ 30'13 0° ϒ 22° Π 41'36 25° Π 50'30 25° Π 36'13	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong morning rise	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 20 j 22:08:31 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 01 j 12:01 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 03 j 05:50 -5810 Jan 06 j 19:49	0° ₩ 24° ₩ 39'04 25° ₩ 59'31 0° ℉ 0° ℍ 0° ℍ 0° ℍ 0° ℍ 0° ℍ 4° ጤ 57'28 0° ℟ 6° ℟ 35'43 6° ℟ 41'45 8° ℟ 53'24 3° ℟ 41'39 1° ℟ 06'56 0° ℟ 30'55 0° ℟ 30'55 0° ℟ 14'52 30° ℝ ጤ 27° ጤ 46'11 22° ጤ 19'22 23° ጤ 45'54	47°14'05 -4.9m 0.28439 AU 6°36'10
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node morning set max. Earth dist. superior conj	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 01 j 18:55 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° M 0° % 11° ¾ 40'49 0° ♂ 0° % 0° ¥ 0° Y 26° Y 30'13 0° ₩ 8° ₩ 31'14 0° M 22° M 41'36 25° M 50'30 25° M 36'13 0° ©	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct greatest brilliancy	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 01 j 12:01 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 03 j 05:50 -5810 Jan 06 j 19:49 -5810 Jan 06 j 19:49 -5810 Jan 23 j 11:44	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° ₺ 0° Ⅱ 0° ⑤ 0° Ω 12° Ω04'18 0° № 0° № 4° № 57'28 0° № 6° № 335'43 6° № 41'45 8° № 53'24 3° № 41'39 1° № 06'56 0° № 30'55 0° № 44'52 30° № 11 22° № 19'22	47°14'05 -4.9m 0.28439 AU 6°36'10 6°34'20
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node morning set max. Earth dist. superior conj	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 21 j 21:10 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 01 j 18:55 -5813 May 26 j 10:18 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° M 0° ズ 11° ズ 40'49 0° ズ 0° ※ 0° Y 26° Y 30'13 0° W 8° Ø 31'14 0° Π 22° Π 41'36 25° Π 50'30 25° Π 36'13 0° © 0° Ω	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el  greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 20 j 22:08 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 08:35 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 01 j 12:01 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:48 -5810 Jan 03 j 05:50 -5810 Jan 03 j 05:50 -5810 Jan 23 j 11:44 -5810 Feb 01 j 07:33 -5810 Feb 14 j 04:08 -5810 Mar 13 j 06:25	0° ₩ 24° ₩ 39'04 25° ₩ 59'31 0° ℉ 0° ℍ 0° ℍ 0° ℍ 0° ℍ 0° ℍ 4° ጤ 57'28 0° ℟ 6° ℟ 35'43 6° ℟ 41'45 8° ℟ 53'24 3° ℟ 41'39 1° ℟ 06'56 0° ℟ 30'55 0° ℟ 30'55 0° ℟ 14'52 30° ℝ ጤ 27° ጤ 46'11 22° ጤ 19'22 23° ጤ 45'54	47°14'05 -4.9m 0.28439 AU 6°36'10 6°34'20
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node  asc. node  set max. Earth dist. superior conj minimum elong	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 22 j 13:22 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 01 j 18:55 -5813 May 26 j 10:18 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25 -5813 Aug 03 j 06:21 -5813 Aug 03 j 06:21 -5813 Aug 03 j 01:49 -5813 Aug 06 j 13:30	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° M 0° % 11° ¾ 40'49 0° ♂ 0° % 0° ¥ 0° Y 26° Y 30'13 0° ₩ 8° ₩ 31'14 0° M 22° M 41'36 25° M 50'30 25° M 36'13 0° ©	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct greatest brilliancy	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 20 j 22:08:31 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jul 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 08:35 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 01 j 12:01 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:48 -5810 Jan 03 j 05:50 -5810 Jan 03 j 05:50 -5810 Jan 23 j 11:44 -5810 Feb 01 j 07:33 -5810 Feb 14 j 04:08	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° ₺ 0° Ⅲ 0° ₺ 0° № 12° ₽04'18 0° ₱ 0° № 4° № 57'28 0° ¾ 6° ¾ 35'43 6° ¾ 41'45 8° ¾ 53'24 3° ¾ 41'39 1° ¾ 06'56 0° ¾ 30'55 0° ¾ 44'52 30° № 27° № 46'11 22° № 19'22 23° № 45'54 0° ¾ 22° ¾ 09'01 0° ₺	47°14'05 -4.9m 0.28439 AU 6°36'10 6°34'20
inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node  asc. node  set max. Earth dist. superior conj minimum elong	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 22 j 13:22 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 26 j 10:18 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25 -5813 Aug 03 j 06:21 -5813 Aug 03 j 01:49 -5813 Aug 03 j 01:41 -5813 Sep 12 j 07:45 -5813 Sep 23 j 04:13	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0° Ω 11° Ω 52'34 0° m 0° ズ 11° ズ 40'49 0° ズ 0° ※ 0° Y 26° Y 30'13 0° ℧ 8° ℧ 31'14 0° Π 22° Π 41'36 25° Π 50'30 25° Π 36'13 0° © 0° Ω 16° Ω 21'17 0° m	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct greatest brilliancy	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 22 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jun 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 01 j 12:01 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 03 j 05:50 -5810 Jan 06 j 19:49 -5810 Jan 23 j 11:44 -5810 Feb 01 j 07:33 -5810 Feb 14 j 04:08 -5810 Mar 13 j 06:25 -5810 Mar 21 j 07:29 -5810 Mar 23 j 19:47	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° ₺ 0° Ⅲ 0° ₺ 0° № 12° ₽04'18 0° ₱ 0° № 4° № 57'28 0° ¾ 6° ¾35'43 6° ¾41'45 8° ¾53'24 3° ¾41'39 1° ¾06'56 0° ¾30'55 0° ¾44'52 30° № 22° № 19'22 23° № 45'54 0° ¾ 22° ¾09'01 0° ₺ 2° ₺31'41	47°14'05 -4.9m 0.28439 AU 6°36'10 6°34'20
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inferior conj minimum elong min. Earth dist. morning rise asc. node direct greatest brilliancy morning max el  desc. node  asc. node  morning set max. Earth dist. superior conj minimum elong	-5814 Oct 16 j 17:55 -5814 Oct 22 j 06:37 -5814 Oct 22 j 13:22 -5814 Oct 22 j 13:22 -5814 Oct 28 j 09:22 -5814 Nov 04 j 03:39 -5814 Nov 11 j 12:37 -5814 Nov 21 j 04:48 -5814 Dec 18 j 15:16 -5814 Dec 31 j 06:55 -5813 Jan 17 j 21:04 -5813 Feb 14 j 02:09 -5813 Feb 24 j 08:35 -5813 Mar 12 j 05:27 -5813 May 01 j 18:55 -5813 May 26 j 10:18 -5813 Jun 16 j 21:42 -5813 Jun 19 j 17:15 -5813 Jun 26 j 13:29 -5813 Jul 31 j 17:30 -5813 Jul 31 j 18:25 -5813 Aug 03 j 06:21 -5813 Aug 03 j 06:21 -5813 Aug 03 j 01:49 -5813 Aug 03 j 03:11 -5813 Sep 12 j 07:45 -5813 Sep 23 j 04:13 -5813 Oct 06 j 22:04	20° m 51'13 17° m 31'44 17° m 21'15 17° m 46'25 13° m 54'59 11° m 01'17 9° m 53'42 11° m 40'58 0°	3°10'35 0.26569 AU -4.9m 46°20'24 1.71160 AU 1°21'18	asc. node evening rise  desc. node  evening max el greatest brilliancy asc. node retrograde evening set min. Earth dist. inferior conj minimum elong  morning rise direct greatest brilliancy morning max el	-5811 Mar 31 j 20:51 -5811 Apr 20 j 22:08 -5811 Apr 22 j 00:18 -5811 Apr 25 j 06:31 -5811 May 19 j 15:24 -5811 Jun 13 j 00:11 -5811 Jun 07 j 10:18 -5811 Aug 01 j 00:10 -5811 Aug 10 j 23:20 -5811 Aug 25 j 21:43 -5811 Sep 20 j 10:37 -5811 Oct 17 j 11:48 -5811 Oct 22 j 06:26 -5811 Nov 19 j 11:54 -5811 Dec 01 j 08:35 -5811 Dec 01 j 14:42 -5811 Dec 12 j 06:53 -5811 Dec 28 j 08:21 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 02 j 10:31 -5810 Jan 02 j 01:48 -5810 Jan 03 j 05:50 -5810 Jan 06 j 19:49 -5810 Jan 23 j 11:44 -5810 Feb 01 j 07:33 -5810 Feb 14 j 04:08 -5810 Mar 13 j 06:25 -5810 Mar 21 j 07:29 -5810 Mar 23 j 19:47 -5810 Apr 18 j 15:32	0° ¥ 24° ¥39'04 25° ¥59'31 0° Y 0° ₺ 0° Ⅲ 0° ₺ 0° № 12° № 12° № 14° № 57'28 0° № 6° № 4° № 55'28 3° № 41'45 8° № 53'24 3° № 41'45 8° № 30'55 0° № 44'52 30° № 22° № 19'22 23° № 45'54 0° № 22° № 09'01 0° ₺	47°14'05 -4.9m 0.28439 AU 6°36'10 6°34'20

•	omena of Venus fro		•	* * * · · · · · · · · · · · · · · · · ·			ge 19
Attention, astronom	nical year style is used: Th	-	n astronomical co	unting style is the year			
_	-5810 Jul 04 j 02:56	0°8			-5808 Nov 20 j 18:50	0° <b>∡</b> ¹	
asc. node	-5810 Jul 14 j 10:15	12° <b>8</b> 43'03			-5808 Dec 17 j 10:18	0°ਰ	
	-5810 Jul 28 j 07:25	0°II		asc. node	-5808 Dec 29 j 01:50	12° <b>ろ</b> 09'38	
greatest brilliancy	-5810 Aug 15 j 20:02	23° <b>Ⅱ</b> 15′26	-3.9m	evening max el	-5807 Jan 01 j 01:52	15° <b>る</b> 09'24	45°42'52
	-5810 Aug 21 j 04:20	0			-5807 Jan 17 j 08:32	0° <b>≈</b>	
morning set	-5810 Sep 07 j 08:51	21° <b>5</b> 643'17		greatest brilliancy	-5807 Feb 08 j 05:20	13° <b>≈</b> 45′23	-4.7m
	-5810 Sep 13 j 21:57	$0^{\circ}\Omega$		retrograde	-5807 Feb 19 j 00:52	15° <b>≈</b> 52'46	
	-5810 Oct 07 j 16:00	0° <b>m</b> )		evening set	-5807 Mar 08 j 06:54	10° <b>≈</b> 12'05	
				inferior conj	-5807 Mar 12 j 12:15	7° <b>≈</b> 34'09	7°10'04
superior conj	-5810 Oct 18 j 18:04	13° <b>m</b> 57'21	0°35'16	minimum elong	-5807 Mar 12 j 19:39	7° <b>≈</b> 22'24	7°08'48
minimum elong	-5810 Oct 19 j 03:02	14° <b>m</b> 25'33	0°35'00	min. Earth dist.	-5807 Mar 13 j 01:24	7° <b>≈</b> 13'16	0.29465 AU
max. Earth dist.	-5810 Oct 24 j 01:18	20° m/37'02	1.71170 AU	morning rise	-5807 Mar 17 j 08:21	4° <b>≈</b> 33'57	
	-5810 Oct 31 j 12:51	0∘ <b>⊽</b>			-5807 Mar 27 j 13:26	30°Ŗ₹	
desc. node	-5810 Nov 03 j 10:59	ა <u>—</u> 3° <b>ჲ</b> 39'32		direct	-5807 Apr 03 j 09:30	29°පි04'54	
dese. Hode	-5810 Nov 24 j 13:25	0° <b>™</b>		direct	-5807 Apr 10 j 11:05	0° <b>≈</b>	
evening rise	-5810 Nov 30 j 10:50	7° <b>ጤ</b> 19'43		greatest brilliancy	-5807 Apr 10 j 11:05	0°≈59'02	-4.7m
evening rise	·			desc. node			-4./111
	-5810 Dec 18 j 17:44	0° <b>∡</b> ¹			-5807 Apr 20 j 06:49	3°≈54'21	45050155
	-5809 Jan 12 j 02:12	5°0		morning max el	-5807 May 22 j 11:07	29°≈07'59	45°59'57
	-5809 Feb 05 j 16:30	0° <b>≈</b>			-5807 May 23 j 08:42	0° <b>∀</b>	
asc. node	-5809 Feb 23 j 23:03	22° <b>≈</b> 00'44			-5807 Jun 21 j 00:18	$0^{\circ}$ Y	
	-5809 Mar 02 j 15:43	0° <b>ℋ</b>			-5807 Jul 17 j 03:21	$9^{\circ}$ 8	
	-5809 Mar 28 j 04:33	$0$ ° $\Upsilon$		asc. node	-5807 Aug 10 j 22:21	29° <b>8</b> 50'34	
	-5809 Apr 23 j 15:25	$_{0\circ}$ 8			-5807 Aug 11 j 01:26	$\Pi^{\circ}$ 0	
	-5809 May 21 j 23:18	$\Pi^{\circ}0$			-5807 Sep 04 j 07:21	0°©	
evening max el	-5809 May 27 j 14:29	5° <b>Ⅱ</b> 31'34	46°02'23		-5807 Sep 28 j 05:28	$0^{\circ}\Omega$	
desc. node	-5809 Jun 16 j 02:39	22° <b>II</b> 39'00			-5807 Oct 22 j 01:56	0° <b>m</b> )	
dese. Hode	-5809 Jun 26 j 20:26	0°9			-5807 Nov 15 j 00:33	0∘ <del>⊽</del>	
greatest brilliancy	-5809 Jul 06 j 17:23	4°934'52	-4.8m	morning set	-5807 Nov 23 j 17:45	0 <b>—</b> 10° <b>≏</b> 52'41	
retrograde	-5809 Jul 16 j 03:41	6°911'52	-4.0111	desc. node	-5807 Nov 30 j 23:50	19° <b>⊆</b> 54'36	
•	·			desc. flode			
evening set	-5809 Aug 02 j 17:17	0°526'16			-5807 Dec 09 j 02:42	0°M 0°. <b>₹</b>	
	-5809 Aug 03 j 11:14	30°RⅡ	00.4010.0		-5806 Jan 02 j 08:00	0° <b>∡</b> ¹	
inferior conj	-5809 Aug 05 j 22:08	28° <b>Ⅲ</b> 31'58					
minimum elong	-5809 Aug 05 j 18:26	28° <b>Ⅱ</b> 37'32		superior conj	-5806 Jan 04 j 01:57	2° <b>∡</b> 09'31	
min. Earth dist.	-5809 Aug 06 j 01:15	28° <b>Ⅲ</b> 27′18	0.26954 AU	minimum elong	-5806 Jan 03 j 16:09	1° <b>∡</b> ³39'17	
morning rise	-5809 Aug 08 j 19:32	26° <b>Ⅱ</b> 48'33		max. Earth dist.	-5806 Jan 07 j 07:42	6° <b>∡</b> 109'37	1.72861 AU
direct	-5809 Aug 26 j 14:24	20° <b>Ⅱ</b> 51'33			-5806 Jan 26 j 15:43	0°₹	
greatest brilliancy	-5809 Sep 06 j 05:50	23° <b>Ⅱ</b> 00'14	-4.9m	evening rise	-5806 Feb 11 j 12:37	19° <b>⋜</b> 31'01	
	-5809 Sep 18 j 21:05	$0$ $\circ$ $\odot$			-5806 Feb 20 j 01:35	0° <b>≈</b>	
asc. node	-5809 Oct 06 j 18:58	14° <b>©</b> 59'01		greatest brilliancy	-5806 Feb 24 j 00:04	4° <b>≈</b> 49'34	-3.9m
morning max el	-5809 Oct 16 j 10:25	24°931'14	46°49'21		-5806 Mar 16 j 14:09	0° <b>₩</b>	
	-5809 Oct 21 j 16:39	$0^{\circ}\Omega$		asc. node	-5806 Mar 23 j 11:35	8° <b>¥</b> 24'10	
	-5809 Nov 17 j 15:23	0° m/		uov. nouv	-5806 Apr 10 j 06:19	0° <b>Υ</b>	
	-5809 Dec 13 j 05:54	0° <del>ت</del>			-5806 May 05 j 03:16	0°8	
	-5808 Jan 07 j 10:26	0° <b>™</b>				0°II	
1 1.	•				-5806 May 30 j 07:04		
desc. node	-5808 Jan 26 j 22:46	23°M22'22			-5806 Jun 24 j 22:32	0.22	
	-5808 Feb 01 j 11:15	0° <b>∡</b> ¹		desc. node	-5806 Jul 13 j 13:42	21°509'20	
	-5808 Feb 26 j 09:11	5°0			-5806 Jul 21 j 14:08	0°Ω	
	-5808 Mar 22 j 03:31	0° <b>≈</b>		evening max el	-5806 Aug 09 j 09:51	19° <b>Ω</b> 46'13	47°30'18
	-5808 Apr 15 j 17:35	0° <b>∀</b>			-5806 Aug 20 j 00:42	0° <b>m</b> )	
morning set	-5808 Apr 17 j 00:48	1° <b>¥</b> 35'33		greatest brilliancy	-5806 Sep 19 j 16:52	21° Mp 12'04	-4.9m
	-5808 May 10 j 03:10	$0^{\circ}$ Y		retrograde	-5806 Sep 29 j 04:21	22° M 55'16	
asc. node	-5808 May 18 j 11:06	10° <b>Ƴ</b> 17'37		evening set	-5806 Oct 14 j 09:05	18° <b>m</b> 19'25	
max. Earth dist.	-5808 May 18 j 11:15	10° <b>Y</b> 18′05	1.72949 AU	inferior conj	-5806 Oct 19 j 19:24	15° <b>m</b> 03'51	-3°34'58
				minimum elong	-5806 Oct 20 j 02:50	14° Mp 52'20	3°32'40
superior conj	-5808 May 22 j 16:13	15° <b>Ƴ</b> 30'35	0°09'52	min. Earth dist.	-5806 Oct 19 j 11:29	15° <b>m</b> ) 16'06	
minimum elong	-5808 May 22 j 14:17	15° <b>Y</b> ′24'35	0°09'51	morning rise	-5806 Oct 25 j 20:57	11° <b>m</b> ) 28'37	
behind sun begin	-5808 May 21 j 20:43	14° <b>Y</b> ′30'09		asc. node	-5806 Nov 03 j 05:54	8° m) 07'43	
behind sun end	-5808 May 23 j 07:52	16° <b>Y</b> 19'02		direct	-5806 Nov 09 j 00:33	7° m/26'09	
	-5808 Jun 03 j 08:29	0°8		greatest brilliancy	-5806 Nov 18 j 19:20	9° m 15'29	-4.9m
	-5808 Jun 27 j 10:22	0°II		Sieutest offilialicy	-5806 Dec 18 j 20:46	0₀ <b>ʊ</b>	1.7111
avaning rice		0° <b>Д</b> 15'23		morning may al	•	0 <u>ჲ</u> 9° <b>ჲ</b> 28'57	46°21'44
evening rise	-5808 Jun 27 j 15:18			morning max el	-5806 Dec 28 j 19:57		40 41 44
	-5808 Jul 21 j 10:25	0°©			-5805 Jan 17 j 15:00	0°M 0°. <b>₹</b>	
	-5808 Aug 14 j 10:45	0°N			-5805 Feb 13 j 16:34	0° <b>∡</b> ¹	
desc. node	-5808 Sep 07 j 11:31	29° <b>Ω</b> 53′27		desc. node	-5805 Feb 23 j 10:35	11° <b>∡</b> '07'22	
					COOC M 11 10 11	00 -	
	-5808 Sep 07 j 13:37	0° <b>m</b> )			-5805 Mar 11 j 18:11	0°ප	
	-5808 Oct 01 j 21:13	0∘ <b>⊽</b>			-5805 Apr 06 j 05:39	0° <b>≈</b>	
		-			•		

3	nical year style is used: Th			. //		, ,	50 20
,	-5805 May 25 j 21:16	0° <b>Υ</b>		retrograde	-5803 Dec 09 j 23:50	6° <b>₹</b> 37'10	
asc. node	-5805 Jun 15 j 23:50	26° <b>Y</b> °03′09		evening set	-5803 Dec 25 j 21:40	1° <b>₹</b> 29'33	
	-5805 Jun 19 j 04:07	0°8			-5803 Dec 28 j 08:24	30°RM	
morning set	-5805 Jun 24 j 06:17	6° <b>8</b> 20'05		min. Earth dist.	-5803 Dec 30 j 02:51	28°M52'44	0.28364 AU
	-5805 Jul 13 j 04:23	$\Pi$ °0		inferior conj	-5803 Dec 31 j 02:21	$28^{\circ}$ Ml $15'08$	6°24'09
max. Earth dist.	-5805 Jul 29 j 05:32	20° <b>Ⅱ</b> 10′53	1.71213 AU	minimum elong	-5803 Dec 30 j 17:28	$28^{\circ}$ M $29'20$	6°22'11
				morning rise	-5802 Jan 04 j 13:56	$25^{\circ}$ M $_27'22$	
superior conj	-5805 Jul 31 j 20:31	23° <b>Ⅱ</b> 29'15		direct	-5802 Jan 21 j 03:08	20°M04'53	
minimum elong	-5805 Jul 31 j 15:16	23° <b>Ⅱ</b> 12'46	1°20'41	greatest brilliancy	-5802 Jan 29 j 21:37	21°M30'52	-4.8m
	-5805 Aug 06 j 00:29	0ം <b>ತಾ</b>			-5802 Feb 15 j 03:52	0° <b>∡</b>	
	-5805 Aug 29 j 19:19	$0$ ° $\Omega$		morning max el	-5802 Mar 10 j 22:45	19° <b>₹</b> 59'26	45°53'20
evening rise	-5805 Sep 09 j 17:16	13° <b>Ω</b> 45′02			-5802 Mar 21 j 03:19	0°る	
	-5805 Sep 22 j 15:28	0° Mp		desc. node	-5802 Mar 22 j 22:06	1° <b>る</b> 48'36	
desc. node	-5805 Oct 06 j 00:16	16° m/45'23			-5802 Apr 18 j 06:31	0° <b>≈</b>	
	-5805 Oct 16 j 14:41	0∘ <b>m</b>			-5802 May 14 j 14:27	0° <b>ℋ</b> 0° <b>Ƴ</b>	
	-5805 Nov 09 j 18:02	0° <b>ጤ</b> 0° <i>ጃ</i>			-5802 Jun 08 j 22:37 -5802 Jul 03 j 14:31	0° <b>∀</b>	
	-5805 Dec 04 j 03:04 -5805 Dec 28 j 21:20	0°る		asc. node	-5802 Jul 13 j 12:20	12° <b>8</b> 13'56	
	-5804 Jan 23 j 08:19	0°≈		asc. node	-5802 Jul 13 j 12.20 -5802 Jul 27 j 18:46	0°Ⅱ	
asc. node	-5804 Jan 26 j 13:10	0 <b>∞</b> 3° <b>≈</b> 41'15		greatest brilliancy	-5802 Aug 15 j 20:13	23° <b>∏</b> 56'11	-3 9m
ase. node	-5804 Feb 19 j 03:56	0° <b>)</b> €		greatest offinancy	-5802 Aug 20 j 15:35	0°95	3.7111
evening max el	-5804 Mar 12 j 21:48	23° <b>¥</b> 09'36	45°03'02	morning set	-5802 Sep 04 j 20:31	19° <b>©</b> 12'58	
evening man er	-5804 Mar 20 j 08:39	0°Υ	.5 05 02	morning sec	-5802 Sep 13 j 09:11	0°Ω	
greatest brilliancy	-5804 Apr 19 j 15:35	20° <b>Y</b> °12'55	-4.7m		-5802 Oct 07 j 03:14	0° m/y	
retrograde	-5804 Apr 30 j 01:45	22° <b>Y</b> ′08'48			· ·	•	
evening set	-5804 May 14 j 20:22	18° <b>Ƴ</b> 01'13		superior conj	-5802 Oct 16 j 02:44	11° <b>m</b> )18'15	0°38'52
desc. node	-5804 May 17 j 17:46	16° <b>Y</b> ′25′00		minimum elong	-5802 Oct 16 j 12:23	11°M)48'36	0°38'36
inferior conj	-5804 May 21 j 08:13	14° <b>Y</b> 15'40	-0°50'37	max. Earth dist.	-5802 Oct 21 j 10:37	18° <b>m</b> 00'10	1.71130 AU
minimum elong	-5804 May 21 j 06:20	14° <b>Y</b> °18'32	0°50'01		-5802 Oct 31 j 00:08	0∘ <b>⊽</b>	
min. Earth dist.	-5804 May 22 j 01:25	13° <b>Y</b> '49'30	0.28262 AU	desc. node	-5802 Nov 02 j 13:07	3° <b>ჲ</b> 10′56	
morning rise	-5804 May 27 j 15:22	10° <b>Ƴ</b> 33'50			-5802 Nov 24 j 00:43	$0^{\circ}$ M	
direct	-5804 Jun 11 j 21:35	6° <b>Y</b> 06′56		evening rise	-5802 Nov 27 j 20:59	4° <b>™</b> 47'00	
greatest brilliancy	-5804 Jun 23 j 06:48	8° <b>Y</b> 26'41	-4.8m		-5802 Dec 18 j 05:04	0° <b>∡</b>	
	-5804 Jul 23 j 19:06	0°8			-5801 Jan 11 j 13:39	0°ರ	
morning max el	-5804 Jul 31 j 22:50	7° <b>8</b> 51'07	46°33'54		-5801 Feb 05 j 04:14	0° <b>≈</b>	
1-	-5804 Aug 21 j 19:33	0°П 100П = 015 4		asc. node	-5801 Feb 23 j 01:16	21°≈31'02	
asc. node	-5804 Sep 07 j 10:04 -5804 Sep 16 j 17:31	18° <b>Ⅱ</b> 59'54 0° <b>©</b>			-5801 Mar 02 j 04:04 -5801 Mar 27 j 18:07	0° <b>ℋ</b> 0° <b>Ƴ</b>	
	-5804 Sep 16 j 17:31 -5804 Oct 11 j 12:00	0°€ 0-3			-5801 Mar 2/ j 18:0/ -5801 Apr 23 j 07:27	0°8	
	-5804 Nov 04 j 20:17	0°m)			-5801 May 21 j 21:36	0°II	
	-5804 Nov 29 j 02:53	0° <b>ت</b>		evening max el	-5801 May 25 j 04:27	3° <b>Ⅱ</b> 11'48	45°59'11
	-5804 Dec 23 j 11:19	0° <b>m</b>		desc. node	-5801 Jun 15 j 04:46	21° <b>∏</b> 25'51	13 33 11
desc. node	-5804 Dec 28 j 12:33	6° <b>™</b> 12'20			-5801 Jun 28 j 22:00	0ಂಣ 	
	-5803 Jan 16 j 21:57	0° <b>∡</b> ¹		greatest brilliancy	-5801 Jul 04 j 04:44	2° <b>5</b> 08'29	-4.8m
morning set	-5803 Feb 05 j 23:50	24° <b>₹</b> 36′01		retrograde	-5801 Jul 13 j 15:30	3° <b>5</b> 45'33	
	-5803 Feb 10 j 09:36	ರ°0			-5801 Jul 27 j 14:44	30°Ŗ <b>Ⅱ</b>	
	-5803 Mar 06 j 21:03	0° <b>≈</b>		evening set	-5801 Jul 31 j 02:28	28° <b>Ⅱ</b> 05′10	
max. Earth dist.	-5803 Mar 13 j 18:53	8° <b>≈</b> 28'40	1.73758 AU	inferior conj	-5801 Aug 03 j 10:37	26° <b>Ⅱ</b> 05'55	-8°44'36
				minimum elong	-5801 Aug 03 j 06:01	26° <b>Ⅱ</b> 12'51	8°43'57
superior conj	-5803 Mar 14 j 23:30	9° <b>≈</b> 56'25		min. Earth dist.	-5801 Aug 03 j 13:43	26° <b>Ⅲ</b> 01'15	0.26983 AU
minimum elong	-5803 Mar 15 j 07:07	10°≈19'49	1°10'16	morning rise	-5801 Aug 06 j 09:29	24° <b>Ⅲ</b> 20′09	
	-5803 Mar 31 j 07:41	0° <b>∀</b>		direct	-5801 Aug 24 j 03:38	18° <b>Ⅱ</b> 25'09	
evening rise	-5803 Apr 19 j 19:54	23° <b>)</b> €58'41		greatest brilliancy	-5801 Sep 03 j 19:14	20° <b>Ⅱ</b> 33'27	-4.9m
asc. node	-5803 Apr 20 j 00:22	24° <b>)</b> € 12'28			-5801 Sep 19 j 19:09	0°95	
	-5803 Apr 24 j 17:26	0° <b>Υ</b>		asc. node	-5801 Oct 05 j 21:14	13°959'39	46040121
	-5803 May 19 j 02:32	0° <b>Β</b>		morning max el	-5801 Oct 13 j 22:44	22°©01'12	46°49'31
	-5803 Jun 12 j 11:40	0ಂ <b>ಎ</b> 0∘∏			-5801 Oct 21 j 13:21	0° <b>Ω</b>	
	-5803 Jul 06 j 22:18 -5803 Jul 31 j 12:54	0°€ 0°€			-5801 Nov 17 j 07:19 -5801 Dec 12 j 19:51	0ം <del>മ</del> 0ംമ്	
desc. node	-5803 Aug 10 j 01:24	11° <b>Ω</b> 30'56			-5800 Jan 06 j 23:16	0°M	
dese. Hode	-5803 Aug 10 j 01.24 -5803 Aug 25 j 11:34	0° m/y		desc. node	-5800 Jan 26 j 00:51	22°M51'47	
	-5803 Sep 20 j 02:29	0∘ <b>ہ</b> 0		desc. node	-5800 Jan 31 j 23:22	0° <b>√</b>	
	-5803 Oct 17 j 08:32	0°M			-5800 Feb 25 j 20:48	0°ਤੇ	
evening max el	-5803 Oct 19 j 23:04	2°M41'13	47°16'36		-5800 Mar 21 j 14:47	0° <b>≈</b>	
<b>5</b>	-5803 Nov 20 j 15:31	0° <b>∡</b> 7		morning set	-5800 Apr 14 j 19:48	29° <b>≈</b> 32'49	
greatest brilliancy	-5803 Nov 29 j 00:47	4° <b>∤</b> 19'01	-4.9m	-	-5800 Apr 15 j 04:40	0° <b>∀</b>	
asc. node	-5803 Nov 30 j 16:52	4° <b>∡</b> 756′25			-5800 May 09 j 14:12	$0$ ° $\Upsilon$	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 21 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th			unting style is the year	5900 BCE in historical c	ounting style.	•
max. Earth dist.	-5800 May 16 j 05:13		1.73002 AU	evening set	-5798 Oct 12 j 00:15	15° <b>m</b> 45'59	
asc. node	-5800 May 17 j 13:09	9° <b>Ƴ</b> 49'53		inferior conj	-5798 Oct 17 j 08:03	12° <b>m</b> 34'40	-3°57'01
				minimum elong	-5798 Oct 17 j 16:07	12° <b>m</b> 22'12	3°54'32
superior conj	-5800 May 20 j 10:50	13° <b>Y</b> 25'26	0°06'49	min. Earth dist.	-5798 Oct 17 j 01:28	12° <b>m</b> 44'50	0.26521 AU
minimum elong	-5800 May 20 j 09:30	13° <b>Ƴ</b> 21'17	0°06'48	morning rise	-5798 Oct 23 j 08:14	9° <b>m</b> 01'38	
behind sun begin	-5800 May 19 j 13:19	12° <b>Ƴ</b> 18'50		asc. node	-5798 Nov 02 j 08:00	5° <b>m</b> 19'08	
behind sun end	-5800 May 21 j 05:41	14° <b>Ƴ</b> 23'46		direct	-5798 Nov 06 j 12:31	4° <b>™</b> 57'15	
	-5800 Jun 02 j 19:35	$0^{\circ}S$		greatest brilliancy	-5798 Nov 16 j 09:31	6° Mp 48′42	-4.9m
evening rise	-5800 Jun 25 j 08:34	28° <b>8</b> 04'24			-5798 Dec 19 j 00:42	0∘ <b>ত</b>	
	-5800 Jun 26 j 21:37	$\Pi$ $^{\circ}0$		morning max el	-5798 Dec 26 j 09:42	7° <b>≏</b> 06'19	46°23'10
	-5800 Jul 20 j 21:51	$0$ $\circ$ $\odot$			-5797 Jan 17 j 08:44	$0^{\circ}$ M	
	-5800 Aug 13 j 22:26	$0^{\circ}\Omega$			-5797 Feb 13 j 07:03	0° <b>∡</b> ¹	
desc. node	-5800 Sep 06 j 13:46	29° <b>£</b> 23′12		desc. node	-5797 Feb 22 j 12:53	10° <b>∡</b> ³34'17	
	-5800 Sep 07 j 01:39	0° <b>m</b>			-5797 Mar 11 j 07:08	0°ප	
	-5800 Oct 01 j 09:42	0∘ <b>⊽</b>			-5797 Apr 05 j 17:45	0° <b>≈</b>	
	-5800 Oct 26 j 01:49	0° <b>M</b> .			-5797 Apr 30 j 17:48	0° <b>∀</b>	
	-5800 Nov 20 j 09:24	0° <b>∡</b> ¹			-5797 May 25 j 08:37	$0^{\circ}$ Y	
	-5800 Dec 17 j 04:17	0°ಕ		asc. node	-5797 Jun 15 j 01:53	25° <b>Y</b> 34'44	
asc. node	-5800 Dec 28 j 03:55	11° <b>ට</b> 22'09			-5797 Jun 18 j 15:20	$9^{\circ}$ 8	
evening max el	-5800 Dec 29 j 16:30	12° <b>る</b> 53'07	45°45'31	morning set	-5797 Jun 21 j 22:57	4° <b>8</b> 07'37	
	-5799 Jan 17 j 17:38	0° <b>≈</b>			-5797 Jul 12 j 15:35	$\Pi$ $^{\circ}0$	
greatest brilliancy	-5799 Feb 05 j 22:42	11° <b>≈</b> 38′12	-4.7m	max. Earth dist.	-5797 Jul 26 j 17:33	17° <b>Ⅱ</b> 42′08	1.71263 AU
retrograde	-5799 Feb 16 j 17:27	13° <b>≈</b> 45'36					
evening set	-5799 Mar 06 j 01:58	8° <b>≈</b> 01'33		superior conj	-5797 Jul 29 j 10:36	21° <b>Ⅱ</b> 06'56	
inferior conj	-5799 Mar 10 j 05:25	5° <b>≈</b> 26′24		minimum elong	-5797 Jul 29 j 04:44	20° <b>Ⅱ</b> 48'27	1°19'37
minimum elong	-5799 Mar 10 j 12:24	5° <b>≈</b> 15'17			-5797 Aug 05 j 11:46	0ಂತಾ	
min. Earth dist.	-5799 Mar 10 j 17:52	5° <b>≈</b> 06'35	0.29476 AU		-5797 Aug 29 j 06:44	$0$ $\circ$ $\Omega$	
morning rise	-5799 Mar 14 j 22:45	2° <b>≈</b> 29'55		evening rise	-5797 Sep 07 j 02:55	11° <b>Ω</b> 08'19	
	-5799 Mar 19 j 13:48	30°Rる			-5797 Sep 22 j 03:01	0° <b>™</b>	
direct	-5799 Apr 01 j 01:57	26° <b>ප</b> 56'58		desc. node	-5797 Oct 05 j 02:21	16° m 15'35	
greatest brilliancy	-5799 Apr 11 j 08:37	28° <b>る</b> 50'13	-4.7m		-5797 Oct 16 j 02:20	0∘ <b>⊽</b>	
	-5799 Apr 14 j 07:30	0° <b>≈</b>			-5797 Nov 09 j 05:51	0° <b>™</b>	
desc. node	-5799 Apr 19 j 08:58	2° <b>≈</b> 31'12			-5797 Dec 03 j 15:10	0° <b>∡</b> 7	
morning max el	-5799 May 20 j 02:20	26°≈55'07	45°59'06		-5797 Dec 28 j 10:00	0°る	
	-5799 May 23 j 06:30	0° <b>∀</b>			-5796 Jan 22 j 22:13	0° <b>≈</b>	
	-5799 Jun 20 j 16:05	0° <b>Υ</b>		asc. node	-5796 Jan 25 j 15:24	3°≈07'12	
,	-5799 Jul 16 j 17:00	0°8		. ,	-5796 Feb 18 j 20:51	0° <b>)</b> {	45000144
asc. node	-5799 Aug 10 j 00:32	29° <b>8</b> 18'34		evening max el	-5796 Mar 10 j 13:41	20° <b>)</b> 59'07	45°02'44
	-5799 Aug 10 j 14:04	0° <b>Ⅱ</b>			-5796 Mar 20 j 12:24		4.7
	-5799 Sep 03 j 19:27	$0$ ം ${f V}$		greatest brilliancy	-5796 Apr 17 j 05:18 -5796 Apr 27 j 17:04	17° <b>Υ</b> 59'12 19° <b>Υ</b> 56'02	-4./m
	-5799 Sep 27 j 17:15			retrograde	-5796 Apr 27 j 17:04	19 <b>γ</b> 36 02 15° <b>γ</b> 47'26	
	-5799 Oct 21 j 13:31	0 <b>்⊽</b> 0∘₥		evening set desc. node	-5796 May 16 j 19:54	13 <b>γ</b> 47 26 13° <b>γ</b> 19'39	
marning sat	-5799 Nov 14 j 11:59	0° <b>ჲ</b> 20'01			-5796 May 18 j 23:14	13° γ 19'39 12° <b>γ</b> 01'55	0920101
morning set desc. node	-5799 Nov 21 j 04:09 -5799 Nov 30 j 01:52			inferior conj	• •	12 <b>Υ</b> 01 33 12° <b>Υ</b> 03'37	
desc. node	-5799 Nov 30 j 01.32 -5799 Dec 08 j 13:59	19° <b>≙</b> 25'41 0° <b>ጤ</b>		minimum elong	-5796 May 18 j 22:07 -5796 May 19 j 16:38	12 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.28318 AU
	-3/99 Dec 00 J 13.39	U IIG		min. Earth dist.	-5796 May 25 j 07:34	8° <b>Υ</b> 18'29	0.26316 AU
superior conj	-5798 Jan 01 j 15:17	29°M47'55	1°05'05	morning rise direct	-5796 Jun 09 j 13:48	3° <b>Υ</b> 52'13	
minimum elong	-5798 Jan 01 j 05:10	29°M16'42		greatest brilliancy	-5796 Jun 20 j 22:05	6°Υ11'30	-4.8m
minimum ciong	-5798 Jan 01 j 19:11	0° <b>₹</b>	1 03 04	greatest oriniancy	-5796 Jul 23 j 20:57	0°8	4.011
max. Earth dist.	-5798 Jan 04 j 23:59		1.72808 AU	morning max el	-5796 Jul 29 j 14:39	5° <b>8</b> 34'44	46°32'42
max. Earth dist.	-5798 Jan 26 j 02:51	0°る	1.72000710	morning max or	-5796 Aug 21 j 12:42	0°П	10 32 12
evening rise	-5798 Feb 09 j 05:06	00 17° <b>る</b> 19'53		asc. node	-5796 Sep 06 j 12:20	18° <b>Ⅱ</b> 21'59	
evening rise	-5798 Feb 19 j 12:47	0°≈		use. Houe	-5796 Sep 16 j 07:59	0°95	
greatest brilliancy	-5798 Feb 23 j 05:13	4° <b>≈</b> 31'01	-3 9m		-5796 Oct 11 j 01:12	$0 {\circ} \Omega$	
greatest similare)	-5798 Mar 16 j 01:31	0° <b>)</b> €	3.911		-5796 Nov 04 j 08:46	0° my	
asc. node	-5798 Mar 22 j 13:44	7° <b>¥</b> 55'54			-5796 Nov 28 j 14:52	0∘ <b>⊽</b>	
	-5798 Apr 09 j 18:04	0°Υ			-5796 Dec 22 j 22:57	0°M₊	
	-5798 May 04 j 15:39	0°8		desc. node	-5796 Dec 27 j 14:38	5°M43'12	
	-5798 May 29 j 20:29	0°II			-5795 Jan 16 j 09:17	0° <b>₹</b>	
	-5798 Jun 24 j 13:45	0°©		morning set	-5795 Feb 03 j 15:39	22° <b>×</b> <sup>7</sup> 23'17	
desc. node	-5798 Jul 12 j 15:50	20°526'48			-5795 Feb 09 j 20:42	0°る	
	-5798 Jul 21 j 08:59	0°Ω			-5795 Mar 06 j 08:00	0° <b>≈</b>	
evening max el	-5798 Aug 06 j 22:21	17° <b>Ω</b> 17'31	47°28'28	max. Earth dist.	-5795 Mar 11 j 19:00	6° <b>≈</b> 41'47	1.73755 AU
<i>3 3</i> -	-5798 Aug 20 j 07:13	0° mp			j -2.00	,	
greatest brilliancy	-5798 Sep 17 j 07:21	18° <b>m</b> ) 43'19	-4.9m	superior conj	-5795 Mar 12 j 18:06	7° <b>≈</b> 52'39	-1°11'44
retrograde	-5798 Sep 26 j 16:46	20° <b>m</b> 25'09		minimum elong	-5795 Mar 13 j 01:28	8° <b>≈</b> 15'15	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 22 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	nical year style is used: Th	ne year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
	-5795 Mar 30 j 18:37	0° <b>)</b> €		direct	-5793 Aug 21 j 16:25	15° <b>Ⅱ</b> 58'30	
evening rise	-5795 Apr 17 j 15:35	21° <b>)</b> 57′45		greatest brilliancy	-5793 Sep 01 j 09:25	18° <b>Ⅱ</b> 07′26	-4.9m
asc. node	-5795 Apr 19 j 02:24	23° <b>)</b> 44'47			-5793 Sep 20 j 11:42	$0$ $\circ$ $\odot$	
	-5795 Apr 24 j 04:29	0° <b>Υ</b>		asc. node	-5793 Oct 04 j 23:18	13° <b>©</b> 00'50	
	-5795 May 18 j 13:52	0°8		morning max el	-5793 Oct 11 j 10:23	19° <b>5</b> 29'08	46°49'48
	-5795 Jun 11 j 23:24	0°Щ			-5793 Oct 21 j 09:28	$0$ $^{\circ}\Omega$	
	-5795 Jul 06 j 10:34	0° <b>©</b>			-5793 Nov 16 j 22:59	0° my	
	-5795 Jul 31 j 01:54	0° <b>Ω</b>			-5793 Dec 12 j 09:35	0∘ <b>亚</b>	
desc. node	-5795 Aug 09 j 03:39	10° <b>Ω</b> 57'25			-5792 Jan 06 j 11:54	0°M 224 €	
	-5795 Aug 25 j 01:42	0° <b>m</b>		desc. node	-5792 Jan 25 j 03:03	22°M22'16	
	-5795 Sep 19 j 18:43	0∘ <b>m</b>			-5792 Jan 31 j 11:16	0°⋜	
evening max el	-5795 Oct 17 j 06:05 -5795 Oct 17 j 15:54	0°M 0°M25'08	47°19'04		-5792 Feb 25 j 08:11 -5792 Mar 21 j 01:50	0° <b>≈</b>	
evening max er	-5795 Nov 22 j 07:21	0° 11023 08	47 1904	morning set	-5792 Apr 12 j 15:08	0 ∞ 27°≈31'46	
greatest brilliancy	-5795 Nov 26 j 17:28	2° <b>∡</b> ¹02'42	4 0m	morning set	-5792 Apr 12 j 15:08	27 ≈31 40 0° <b>)</b> (	
asc. node	-5795 Nov 29 j 19:02	3° <b>₹</b> 07'05	-4.9111		-5792 May 09 j 00:59	0°Υ	
retrograde	-5795 Dec 07 j 16:38	4°×720'33		max. Earth dist.	-5792 May 14 j 01:34	6° <b>Υ</b> 12'21	1.73054 AU
retrograde	-5795 Dec 22 j 05:25	30°RM		asc. node	-5792 May 16 j 15:17	9° <b>Υ</b> 23'07	1.73034 AO
evening set	-5795 Dec 23 j 11:10	29°M17'19		asc. node	3772 May 10 j 13.17	7 1 23 07	
min. Earth dist.	-5795 Dec 27 j 17:54	26°M38'10	0.28283 AU	superior conj	-5792 May 18 j 05:56	11° <b>Y</b> 22'40	0°03'48
inferior conj	-5795 Dec 28 j 18:13	25°M59'14		minimum elong	-5792 May 18 j 05:11	11° <b>Y</b> 20'19	0°03'48
minimum elong	-5795 Dec 28 j 09:16	26°M13'35		behind sun begin	-5792 May 17 j 07:36	10°Υ13'36	0 05 .0
morning rise	-5794 Jan 02 j 08:07	23°M08'13	0 0, 20	behind sun end	-5792 May 19 j 02:45	12° <b>Υ</b> 27'03	
direct	-5794 Jan 18 j 18:41	17° <b>M</b> 50'31			-5792 Jun 02 j 06:25	0°8	
greatest brilliancy	-5794 Jan 27 j 11:46	19°M15'42	-4.8m	evening rise	-5792 Jun 23 j 02:22	25° <b>8</b> 56'02	
· ·	-5794 Feb 15 j 21:23	0° <b>∡</b> ¹		Č	-5792 Jun 26 j 08:36	$\Pi^{\circ}0$	
morning max el	-5794 Mar 08 j 14:21	17° <b>∡</b> ¹48'15	45°53'49		-5792 Jul 20 j 09:05	0ంతె	
-	-5794 Mar 20 j 22:30	ರ°0			-5792 Aug 13 j 10:00	$0^{\circ}\Omega$	
desc. node	-5794 Mar 22 j 00:10	1° <b>る</b> 05'41		desc. node	-5792 Sep 05 j 15:49	28° <b>Ω</b> 52'34	
	-5794 Apr 17 j 21:15	0°≈			-5792 Sep 06 j 13:35	0° <b>™</b>	
	-5794 May 14 j 03:23	0° <b>∀</b>			-5792 Sep 30 j 22:07	0∘ <b>ত</b>	
	-5794 Jun 08 j 10:40	$0$ ° $\Upsilon$			-5792 Oct 25 j 14:59	$0^{\circ}$ M	
	-5794 Jul 03 j 02:09	$9^{\circ}$ 8			-5792 Nov 19 j 23:59	0° <b>∡</b> ¹	
asc. node	-5794 Jul 12 j 14:32	11° <b>8</b> 45'04			-5792 Dec 16 j 22:28	0°ප	
	-5794 Jul 27 j 06:12	$\Pi$ °0		asc. node	-5792 Dec 27 j 06:10	10° <b>る</b> 35'03	
greatest brilliancy	-5794 Aug 15 j 21:11	24° <b>Ⅱ</b> 39′09	-3.9m	evening max el	-5792 Dec 27 j 06:43	10° <b>る</b> 36'26	45°48'30
	-5794 Aug 20 j 02:55	0			-5791 Jan 18 j 05:27	0° <b>≈</b>	
morning set	-5794 Sep 02 j 07:58	16° <b>5</b> 341'43		greatest brilliancy	-5791 Feb 03 j 15:46	9° <b>≈</b> 31'38	-4.7m
	-5794 Sep 12 j 20:28	$0^{\circ}\Omega$		retrograde	-5791 Feb 14 j 10:36		
	-5794 Oct 06 j 14:31	0° <b>™</b>		evening set	-5791 Mar 03 j 21:05	5°≈52'16	
				inferior conj	-5791 Mar 07 j 22:44	3°≈19'52	7°26'27
superior conj	-5794 Oct 13 j 11:19	8° m 38'49	0°42'23	minimum elong	-5791 Mar 08 j 05:18	3°≈09'26	7°25'24
minimum elong	-5794 Oct 13 j 21:33	9° Mp 11'01	0°42'07	min. Earth dist.	-5791 Mar 08 j 10:23	3°≈01'21	0.29484 AU
max. Earth dist.	-5794 Oct 18 j 19:00 -5794 Oct 30 j 11:24	15°Mp20'17 0° <b>⊆</b>	1.71084 AU	morning rise	-5791 Mar 12 j 13:24	0°≈27'17	
desc. node	3	0 <u>⊶</u> 2° <b>≏</b> 41'54		direct	-5791 Mar 13 j 07:55	30°Rる 24°る50'13	
desc. node	-5794 Nov 01 j 15:07 -5794 Nov 23 j 12:00	0°M		greatest brilliancy	-5791 Mar 29 j 18:25 -5791 Apr 09 j 00:51	24 83013 26° <b>そ</b> 43'05	-4.7m
evening rise	-5794 Nov 25 j 06:56	2°M13'35		greatest orimancy	-5791 Apr 09 j 00:31	20° <b>≈</b>	<del>-4</del> ./III
evening rise	-5794 Dec 17 j 16:22	2° 110 13 33		desc. node	-5791 Apr 18 j 11:03	0 <b>∞</b> 1° <b>≈</b> 11'43	
	-5793 Jan 11 j 01:03	0°ਰ		morning max el	-5791 May 17 j 18:22	24°≈45'25	45°58'26
	-5793 Feb 04 j 15:54	0° <b>≈</b>		morning max cr	-5791 May 23 j 03:05	0° <b>∀</b>	43 30 20
asc. node	-5793 Feb 22 j 03:30	21° <b>≈</b> 01'36			-5791 Jun 20 j 07:14	0°Υ	
	-5793 Mar 01 j 16:21	0° <b>)</b> €			-5791 Jul 16 j 06:09	0°8	
	-5793 Mar 27 j 07:38	0° <b>Υ</b>		asc. node	-5791 Aug 09 j 02:45	28° <b>8</b> 47'53	
	-5793 Apr 22 j 23:32	0°8			-5791 Aug 10 j 02:17	0°Щ	
	-5793 May 21 j 20:36	0°Щ			-5791 Sep 03 j 07:12	0ಂತಾ	
evening max el	-5793 May 22 j 17:23	0° <b>Ⅱ</b> 50′04	45°55'48		-5791 Sep 27 j 04:46	$0^{\circ}\Omega$	
desc. node	-5793 Jun 14 j 06:53	20° <b>Ⅱ</b> 10′50			-5791 Oct 21 j 00:54	0° <b>m</b> )	
greatest brilliancy	-5793 Jul 01 j 16:19	29° <b>∏</b> 42'37	-4.8m		-5791 Nov 13 j 23:14	0∘ <b>⊽</b>	
	-5793 Jul 02 j 14:22	$0$ $\circ$ $\odot$		morning set	-5791 Nov 18 j 13:59	5° <b>≙</b> 45'57	
retrograde	-5793 Jul 11 j 02:49	1° <b>5</b> 19'33		desc. node	-5791 Nov 29 j 04:02	18° <b>≏</b> 57'46	
	-5793 Jul 19 j 08:17	30°RⅡ			-5791 Dec 08 j 01:05	$0^{\circ}$ M	
evening set	-5793 Jul 28 j 11:13	25° <b>Ⅱ</b> 44'37					
inferior conj	-5793 Jul 31 j 23:03	23° <b>Ⅱ</b> 40′02		superior conj	-5791 Dec 30 j 04:00	27°M25'01	
minimum elong	-5793 Jul 31 j 17:36	23° <b>∏</b> 48'15		minimum elong	-5791 Dec 29 j 17:39	26°M53'01	1°02'47
min. Earth dist.	-5793 Aug 01 j 02:32		0.27021 AU		-5790 Jan 01 j 06:09	0° <b>∡</b> °	
morning rise	-5793 Aug 03 j 23:51	21° <b>∏</b> 51'17		max. Earth dist.	-5790 Jan 02 j 14:21	1° <b>∡</b> ³39'28	1.72750 AU

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5790 Jan 25 j 13:45 0°궁 greatest brilliancy -5788 Jun 18 j 13:06 3°**Y**57′21 -4.8m -5790 Feb 06 j 21:18 15°る08'46 -5788 Jul 23 j 21:05 0°X evening rise -5790 Feb 18 j 23:42 -5788 Jul 27 j 06:01 3°818'30 46°31'29 0°≈≈ morning max el greatest brilliancy -5790 Feb 22 j 09:28 4°≈10'33 -3.9m -5788 Aug 21 j 05:10  $\Pi$ °0 -5788 Sep 05 j 14:20 0°**)**€ 17°**Ⅲ**44'43 -5790 Mar 15 j 12:37 asc. node 7°**¥**28'08 asc. node -5790 Mar 21 j 15:47 -5788 Sep 15 j 21:55 0ಂತಾ  $0^{\circ}\Upsilon$ -5790 Apr 09 j 05:32 -5788 Oct 10 j 13:58 0° $\Omega$ 0°Щ -5790 May 04 j 03:45 0°8 -5788 Nov 03 j 20:50 -5790 May 29 j 09:37  $\Pi$ °0 -5788 Nov 28 j 02:30 0∘ಹ -5790 Jun 24 j 04:43 0ಂತಾ -5788 Dec 22 j 10:16 0°M desc. node -5790 Jul 11 j 18:07 19°9545'38 desc. node -5788 Dec 26 j 16:49 5°M15'20 -5790 Jul 21 j 03:48  $0^{\circ}\Omega$ -5787 Jan 15 j 20:21 0°**∡**7 evening max el -5790 Aug 04 j 11:22 14° **Ω**51'44 47°26'29 morning set -5787 Feb 01 j 07:04 20°**х** 09′58 -5790 Aug 20 j 15:25 0° m -5787 Feb 09 j 07:35 0°정 greatest brilliancy -5790 Sep 14 j 20:58 16° Mp 14'52 -4.9m -5787 Mar 05 j 18:45 retrograde -5790 Sep 24 j 05:40 17° m 56'11 max. Earth dist. -5787 Mar 09 j 17:55 4°≈51'54 1.73746 AU evening set -5790 Oct 09 j 15:32 13° m 13'15 inferior conj -5790 Oct 14 j 20:39 10° Mp 06'15 -4°18'36 superior conj -5787 Mar 10 j 12:18 5°≈48'16 -1°13'13 minimum elong -5790 Oct 15 j 05:18 9° m 52'55 4°15'59 minimum elong -5787 Mar 10 j 19:21 6°≈09'54 1°13'21 min. Earth dist. -5790 Oct 14 j 15:02 10° m) 14'54 0.26508 AU -5787 Mar 30 j 05:21 0°\ morning rise -5790 Oct 20 j 19:17 6° m 35'54 evening rise -5787 Apr 15 j 10:55 19° **X** 56'31 asc. node -5790 Nov 01 i 10:13 2° m 37'36 asc. node -5787 Apr 18 j 04:33 23°¥18'13 -5790 Nov 04 i 01:03  $2^{\circ}$  m 29'02-5787 Apr 23 i 15:19  $0^{\circ}\Upsilon$ direct greatest brilliancy -5790 Nov 13 j 23:20 4° m 22'09 -4.9m -5787 May 18 j 00:57 0°8 -5790 Dec 19 j 02:50 0∘**⊽** -5787 Jun 11 j 10:54  $0^{\circ}II$ -5790 Dec 24 j 00:21 4°**Ω**46'15 46°24'28 -5787 Jul 05 j 22:37 0ಂತಾ morning max el -5787 Jul 30 j 14:42 -5789 Jan 17 j 01:55 oom.  $0^{\circ}\Omega$ 0°×7 -5787 Aug 08 j 05:42 -5789 Feb 12 j 21:09 10°**Ω**23'57 desc node 10°**∡**'01'28 desc node -5789 Feb 21 j 14:57 -5787 Aug 24 j 15:41 O° m 0°정 -5787 Sep 19 j 10:53 -5789 Mar 10 j 19:43 0∘ಹ -5789 Apr 05 j 05:29 0°≈ -5787 Oct 15 j 08:10 28°**₽**08'29 evening max el 47°21'23 0°**)**€ -5789 Apr 30 j 05:02 -5787 Oct 17 j 04:01 0°M  $0^{\circ}\Upsilon$ -5789 May 24 j 19:35 greatest brilliancy -5787 Nov 24 j 10:37 29°M47'53 -4.9m 25°**Y**07'55 -5789 Jun 14 j 04:06 asc. node -5787 Nov 24 j 23:03 0° ×7 -5789 Jun 18 j 02:11 0°8 asc. node -5787 Nov 28 j 21:15 1°×714'42 morning set -5789 Jun 19 j 16:06 1°**8**57'53 retrograde -5787 Dec 05 j 08:58 2°**х** 04'42 -5789 Jul 12 j 02:26  $\Pi$ °0 -5787 Dec 15 j 07:30 30°RM max. Earth dist. -5789 Jul 24 j 04:43 15°**Ⅱ**11'56 1.71309 AU evening set -5787 Dec 21 j 00:46 27°M05'55 min. Earth dist. -5787 Dec 25 j 09:17 24°M24'04 0.28206 AU -5789 Jul 27 j 01:22 18°**耳**48′00 1°18′11 -5787 Dec 26 j 10:08 23°M44'15 5°58'03 superior conj inferior conj -5789 Jul 26 j 18:55 18°**Ⅲ**27'41 1°18'25 -5787 Dec 26 j 01:08 23°M58'40 minimum elong minimum elong 5°55'56 -5789 Aug 04 j 22:41 0ಂತಾ -5787 Dec 31 j 02:18 morning rise 20°M49'50 -5789 Aug 28 j 17:45 -5786 Jan 16 j 10:07  $0^{\circ}\Omega$ direct 15°M37'02 -5789 Sep 04 j 13:17 8°**Ω**35′03 -5786 Jan 25 j 02:24 evening rise greatest brilliancy 17°ML01'37 -4.8m -5789 Sep 21 j 14:09 0° M -5786 Feb 16 j 10:10 0°**∡**7 desc. node -5789 Oct 04 i 04:24 15° m 46'52 morning max el -5786 Mar 06 i 05:09 15°**₹**35'24 45°54'11 -5789 Oct 15 i 13:38 0∘ଫ -5786 Mar 20 j 17:01 0°정 -5789 Nov 08 i 17:21 0°M desc. node -5786 Mar 21 i 02:15 0°る23'48 -5789 Dec 03 i 03:01 0°×7 -5786 Apr 17 j 11:42 0°≈ -5789 Dec 27 j 22:29 0°궁 -5786 May 13 j 16:07 0°\ -5788 Jan 22 j 12:01 -5786 Jun 07 j 22:32  $0^{\circ}\Upsilon$ 0°≈≈ -5786 Jul 02 j 13:35 0°8 asc. node -5788 Jan 24 j 17:37 2°≈33'30 0°**)**€ -5786 Jul 11 j 16:41 -5788 Feb 18 j 13:51 asc node 11°**8**16'41 -5788 Mar 08 j 05:55 18°¥50'13 45°02'41 -5786 Jul 26 j 17:25  $0^{\circ}II$ evening max el  $0^{\circ}\Upsilon$ -5788 Mar 20 j 17:36 greatest brilliancy -5786 Aug 15 j 15:35 25°**Ⅲ**02'02 -3.9m greatest brilliancy -5788 Apr 14 j 19:51 15°**Y**47'47 -4.7m -5786 Aug 19 j 14:04 0ಂತಾ -5788 Apr 25 j 08:15 17°**Y**44'41 -5786 Aug 30 j 19:32 14°9511'19 retrograde morning set 13°Y35'10  $0^{\circ}\Omega$ evening set -5788 May 10 j 03:44 -5786 Sep 12 j 07:35 10°**Y**14'47 desc. node -5788 May 15 j 22:06 -5786 Oct 06 j 01:38 0° m 9°**Y**49'48 -0°09'33 inferior conj -5788 May 16 j 14:27 minimum elong -5788 May 16 j 14:06 9°**Υ**50'21 0°09'25 superior conj -5786 Oct 10 j 20:08 6° Mp 00'35 0°45'48 transit middle -5788 May 16 j 14:06 9°**Y**50′21 0°09'25 minimum elong -5786 Oct 11 j 06:52 6° Mp 34'19 0°45'31 transit begin -5788 May 16 j 10:45 9°**Y**55′27 max. Earth dist. -5786 Oct 15 j 23:39 12° Mp 29'03 1.71039 AU transit end -5788 May 16 j 17:26 9°**Y**45′15 -5786 Oct 29 j 22:32 0∘**⊽** min. Earth dist. -5788 May 17 j 08:06 9°**Y**22'51 0.28369 AU desc. node -5786 Oct 31 j 17:18 2°**£**13'58 -5788 May 22 j 23:44 6°**Y**04'47 29°**-**40′28 morning rise evening rise -5786 Nov 22 j 16:50 1°Y39'17 -5786 Nov 22 j 23:07 0°M direct -5788 Jun 07 j 06:12

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Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.
                     -5786 Dec 17 i 03:30
                                             0°×7
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                     -5785 Jan 10 j 12:17
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                     -5785 Feb 21 j 05:31
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asc. node
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evening max el
                     -5785 May 20 j 05:41
                                            28°827'06 45°52'41
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                     -5785 May 21 j 20:36
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                                            18°II54′00
desc. node
                     -5785 Jun 13 j 09:08
                                                                            morning set
                                                                                                 -5783 Nov 15 j 23:47
                                                                                                                         3°£11'09
greatest brilliancy
                     -5785 Jun 29 j 03:59
                                            27°Ⅲ17'16
                                                         -4.8m
                                                                            desc. node
                                                                                                 -5783 Nov 28 j 06:08
                                                                                                                         18°≏29'08
retrograde
                     -5785 Jul 08 j 14:26
                                            28°Ⅲ54'27
                                                                                                 -5783 Dec 07 j 12:20
                                                                                                                         0°M
evening set
                     -5785 Jul 25 j 19:48
                                            23°Ⅲ24'56
inferior conj
                     -5785 Jul 29 j 11:35
                                            21°II14'51 -8°31'30
                                                                            superior conj
                                                                                                 -5783 Dec 27 j 16:33
                                                                                                                        25°M00'51 -1°00'26
 minimum elong
                     -5785 Jul 29 j 05:20
                                            21°Ⅲ24'16
                                                         8°30'35
                                                                             minimum elong
                                                                                                 -5783 Dec 27 j 06:02
                                                                                                                        24°M28'19
                                                                                                                                    1°00'21
min. Earth dist.
                     -5785 Jul 29 j 15:29
                                            21°Ⅲ08'58
                                                         0.27058 AU
                                                                            max. Earth dist.
                                                                                                 -5783 Dec 31 j 04:11
                                                                                                                        29°M19'26
                                                                                                                                     1.72694 AU
morning rise
                     -5785 Aug 01 j 14:41
                                            19°Ⅲ22'44
                                                                                                 -5783 Dec 31 j 17:18
                                                                                                                         0°⊼
direct
                     -5785 Aug 19 j 04:59
                                            13°Ⅲ32′22
                                                                                                 -5782 Jan 25 j 00:50
                                                                                                                         0°る
greatest brilliancy
                     -5785 Aug 29 j 23:57
                                            15°Ⅱ42'33
                                                         -4.9m
                                                                            evening rise
                                                                                                 -5782 Feb 04 j 13:30
                                                                                                                        12°る57'02
                     -5785 Sep 20 j 23:56
                                             0ಂತಾ
                                                                                                 -5782 Feb 18 j 10:50
                                                                                                                         0°≈
asc. node
                     -5785 Oct 04 j 01:34
                                            12°504'11
                                                                            greatest brilliancy
                                                                                                 -5782 Feb 21 j 12:14
                                                                                                                         3°≈44'54
                                                                                                                                     -3.9m
morning max el
                     -5785 Oct 08 i 22:36
                                            16°958'49
                                                         46°50'02
                                                                                                 -5782 Mar 14 i 23:55
                                                                                                                         0°)
                     -5785 Oct 21 i 04:56
                                             0^{\circ}\Omega
                                                                                                 -5782 Mar 20 j 18:02
                                                                                                                         7°₩00'21
                                                                            asc. node
                     -5785 Nov 16 j 14:23
                                             0° m
                                                                                                 -5782 Apr 08 j 17:13
                                                                                                                         0^{\circ}\Upsilon
                     -5785 Dec 11 j 23:09
                                             0∘<del></del>Σ
                                                                                                 -5782 May 03 j 16:07
                                                                                                                         0°8
                     -5784 Jan 06 j 00:24
                                             0°M
                                                                                                 -5782 May 28 j 23:09
                                                                                                                         0^{\circ}II
                     -5784 Jan 24 j 05:08
                                            21°ML52'36
                                                                                                 -5782 Jun 23 j 20:15
                                                                                                                         0ംഉ
desc node
                                                                                                 -5782 Jul 10 j 20:09
                                                                                                                        19°902'14
                     -5784 Jan 30 j 23:04
                                             0°×7
                                                                            desc. node
                                             0°る
                                                                                                 -5782 Jul 20 j 23:35
                     -5784 Feb 24 j 19:30
                                                                                                                         0^{\circ}\Omega
                                                                                                 -5782 Aug 02 j 01:21
                     -5784 Mar 20 j 12:52
                                             0°≈
                                                                                                                        12°Ω27′20
                                                                                                                                    47°24'26
                                                                            evening max el
                                                                                                 -5782 Aug 21 j 03:06
                     -5784 Apr 10 j 10:20
                                            25°≈30'14
morning set
                                                                                                                         0° m
                     -5784 Apr 14 j 02:25
                                             0° <del>)(</del>
                                                                            greatest brilliancy
                                                                                                 -5782 Sep 12 j 10:02
                                                                                                                        13° Mp 44'36
                                                                                                                                     -4.9m
                                             0^{\circ}\Upsilon
                     -5784 May 08 j 11:52
                                                                                                 -5782 Sep 21 j 18:52
                                                                                                                        15° m 25'42
                                                                            retrograde
                                             4°Y15′59
                                                                                                 -5782 Oct 07 j 06:51
                                                                                                                        10° m 39'02
max. Earth dist.
                     -5784 May 11 j 22:47
                                                        1.73107 AU
                                                                            evening set
                                                                                                                         7° m/36'21 -4°39'42
asc. node
                     -5784 May 15 j 17:28
                                             8°Y56'15
                                                                            inferior conj
                                                                                                 -5782 Oct 12 j 09:05
                                                                                                                         7° m/22'14 4°37'00
                                                                             minimum elong
                                                                                                 -5782 Oct 12 j 18:16
                     -5784 May 16 j 00:52
                                             9°Υ19'08 0°00'44
                                                                                                                         7° Mp 44'02 0.26493 AU
superior conj
                                                                            min. Earth dist.
                                                                                                 -5782 Oct 12 j 04:05
                     -5784 May 16 j 00:42
                                             9°Υ18'39
                                                        0°00'45
                                                                                                 -5782 Oct 18 j 05:56
                                                                                                                         4° m 09'05
 minimum elong
                                                                            morning rise
                     -5784 May 15 j 02:44
                                             8°Y10'41
                                                                                                 -5782 Oct 31 j 12:29
                                                                                                                         0° m 01'03
 behind sun begin
                                                                            asc. node
                     -5784 May 16 j 22:41
                                            10°Y26'38
                                                                                                 -5782 Nov 01 j 01:13
                                                                                                                        30°R€
 behind sun end
                     -5784 Jun 01 j 17:22
                                             0^{\circ}8
                                                                            direct
                                                                                                 -5782 Nov 01 j 13:55
                                                                                                                        29°£59'39
                     -5784 Jun 20 j 20:07
                                            23°847'17
                                                                                                 -5782 Nov 02 j 02:38
evening rise
                                                                                                                         0° M
                     -5784 Jun 25 j 19:41
                                             \mathbb{I}^{\circ 0}
                                                                                                 -5782 Nov 11 j 12:21
                                                                            greatest brilliancy
                                                                                                                          1° m 53'32
                                                                                                                                    -4.9m
                     -5784 Jul 19 j 20:24
                                             0ಂತಾ
                                                                                                 -5782 Dec 19 j 03:58
                                                                                                                         0°Ω
                                                                                                                         2°25′28 46°25′40
                     -5784 Aug 12 j 21:37
                                             0^{\circ}\Omega
                                                                            morning max el
                                                                                                 -5782 Dec 21 j 15:03
desc. node
                     -5784 Sep 04 i 17:53
                                            28°Ω21'51
                                                                                                 -5781 Jan 16 j 19:02
                                                                                                                         0°M
                     -5784 Sep 06 i 01:36
                                             0° m
                                                                                                 -5781 Feb 12 j 11:24
                                                                                                                         0°×7
                     -5784 Sep 30 i 10:39
                                             0∘⊽
                                                                            desc. node
                                                                                                 -5781 Feb 20 i 17:00
                                                                                                                         9°×27'56
                     -5784 Oct 25 i 04:17
                                             0°M
                                                                                                 -5781 Mar 10 j 08:32
                                                                                                                         0°정
                     -5784 Nov 19 i 14:49
                                             0°×7
                                                                                                 -5781 Apr 04 i 17:28
                                                                                                                         0°≈
                     -5784 Dec 16 j 17:12
                                             0°궁
                                                                                                 -5781 Apr 29 j 16:32
                                                                                                                         0°\
                                             8°る21'04 45°51'37
                                                                                                 -5781 May 24 j 06:48
                                                                                                                         0^{\circ}\Upsilon
evening max el
                     -5784 Dec 24 j 21:36
                                             9°₹46'59
                                                                                                 -5781 Jun 13 j 06:14
                                                                                                                        24°Y40'00
asc. node
                     -5784 Dec 26 j 08:24
                                                                            asc. node
                                                                                                                        29°Y47'53
                     -5783 Jan 18 j 21:30
                                             0°≈
                                                                                                 -5781 Jun 17 j 09:25
                                                                            morning set
greatest brilliancy
                     -5783 Feb 01 j 08:15
                                             7°≈24'10 -4.7m
                                                                                                 -5781 Jun 17 j 13:18
                                                                                                                         0°8
                     -5783 Feb 12 j 04:15
                                             9°≈33'52
                                                                                                 -5781 Jul 11 j 13:36
                                                                                                                         0^{\circ}\Pi
retrograde
                     -5783 Mar 01 j 16:04
                                             3°≈42'53
                                                                            max. Earth dist.
                                                                                                 -5781 Jul 21 j 13:35
                                                                                                                        12°Ⅲ33'38 1.71364 AU
evening set
inferior conj
                     -5783 Mar 05 j 16:03
                                             1°≈13'01 7°33'36
                                                                                                 -5781 Jul 24 j 16:11
                                                                                                                        16°Ⅲ28'13 1°16'53
 minimum elong
                     -5783 Mar 05 j 22:10
                                             1°≈03'18
                                                         7°32'40
                                                                            superior conj
                                                                                                                        16°I106'15 1°17'05
min. Earth dist.
                     -5783 Mar 06 j 02:31
                                             0°≈56'23 0.29490 AU
                                                                             minimum elong
                                                                                                 -5781 Jul 24 j 09:12
                                                                                                                         0ಂಣ
                     -5783 Mar 07 j 14:06
                                            30°Ŗる
                                                                                                 -5781 Aug 04 j 09:58
                     -5783 Mar 10 j 04:11
                                            28°る24'19
                                                                                                 -5781 Aug 28 j 05:10
                                                                                                                         0°\Omega
morning rise
                                                                            evening rise
direct
                     -5783 Mar 27 j 11:07
                                            22°る43'10
                                                                                                 -5781 Sep 01 j 23:24
                                                                                                                         5°Ω59'46
greatest brilliancy
                     -5783 Apr 06 j 16:37
                                            24°る35'22
                                                         -4.7m
                                                                                                 -5781 Sep 21 j 01:42
                                                                                                                         0° m
desc. node
                     -5783 Apr 17 j 13:20
                                            29°る54'43
                                                                            desc. node
                                                                                                 -5781 Oct 03 j 06:35
                                                                                                                         15° m 17'21
                                                                                                 -5781 Oct 15 j 01:19
                                                                                                                         0∘ত
                     -5783 Apr 17 j 16:46
                                                                                                 -5781 Nov 08 j 05:15
                                                                                                                         0°M
morning max el
                     -5783 May 15 j 11:13
                                            22°≈37'24 45°57'39
```

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5781 Dec 02 i 15:15 0°×7 -5778 Apr 17 i 02:17 0°≈ -5781 Dec 27 j 11:22 0°궁 -5778 May 13 j 05:03 0°**₩**  $0^{\circ}\Upsilon$ -5780 Jan 22 j 02:17 0°**≈** -5778 Jun 07 j 10:39 -5780 Jan 23 j 19:41 0°8 1°≈58'12 -5778 Jul 02 j 01:15 asc. node -5780 Feb 18 j 07:35 -5778 Jul 10 j 18:45 0°**)** asc. node 10°**8**47'17 -5778 Jul 26 j 04:53 evening max el -5780 Mar 05 j 22:00 16°**¥**40'01 45°02'40  $\Pi$  $^{\circ}$ 0  $0^{\circ}\Upsilon$ -5780 Mar 21 j 01:27 greatest brilliancy -5778 Aug 15 j 08:41 25°**Ⅱ**20′08 -3.9m  $13^{\circ}\mathbf{\Upsilon}36^{\shortmid}37$ greatest brilliancy -5780 Apr 12 j 11:09 -4.7m -5778 Aug 19 j 01:25 0ಂಲ -5778 Aug 28 j 07:34 retrograde -5780 Apr 22 j 23:05 15°**Y**32'58 morning set 11°9541'45 evening set -5780 May 07 j 19:55 11°**Υ**22'22 -5778 Sep 11 j 18:55 0° $\Omega$ inferior conj -5780 May 14 j 05:51 7°**Υ**37'30 0°10'44 -5778 Oct 05 j 13:00 0° M minimum elong -5780 May 14 j 06:15 7°**Y**36′53 0°10'38 transit middle -5780 May 14 j 06:15 7°**Y**36′53 0°10'38 superior conj -5778 Oct 08 j 05:10 3°M 22'08 0°49'05 transit begin -5780 May 14 j 03:09 7°**Υ**41'38 minimum elong -5778 Oct 08 j 16:17 3° **m** 57'07 0°48'50 transit end -5780 May 14 j 09:21 7°Y32'09 max. Earth dist. -5778 Oct 13 j 01:11 9°M 27'12 1.71003 AU min. Earth dist. -5780 May 15 j 00:01 7°**Υ**09'39 0.28419 AU -5778 Oct 29 j 09:56 0∘**⊽** desc. node -5780 May 15 j 00:16 7°**Y**09'17 desc. node -5778 Oct 30 j 19:25 1°**£**44'52 morning rise -5780 May 20 j 15:50 3°Y50'54 evening rise -5778 Nov 20 j 02:21 27°**♀**05'06 -5780 May 30 j 13:39 30°**₹** -5778 Nov 22 j 10:32 direct -5780 Jun 04 j 22:20 29°\ 26'11 -5778 Dec 16 j 14:57 0°**∡**7 -5780 Jun 10 j 09:46  $0^{\circ}\Upsilon$ -5777 Jan 09 j 23:52 0°궁 greatest brilliancy -5780 Jun 16 j 04:21 1°**Y**43′01 -4.8m -5777 Feb 03 i 15:22 0°≈ -5780 Jul 23 j 20:31 0°8 -5777 Feb 20 i 07:46 20°≈01'43 asc. node morning max el -5780 Jul 24 i 20:28 0°**8**59'13 46°30'09 -5777 Feb 28 i 17:13 0°**∀** -5780 Aug 20 j 21:43  $0^{\circ}\Pi$ -5777 Mar 26 j 11:13  $0^{\circ}\Upsilon$ -5780 Sep 04 j 16:38 17°**Ⅲ**07'28 -5777 Apr 22 j 08:50 0°8 asc node -5780 Sep 15 j 12:09 -5777 May 17 j 18:13 000 26°**8**04'21 45°49'41 evening max el -5780 Oct 10 j 03:05  $0^{\circ}\Omega$ -5777 May 21 j 22:03 0°П -5780 Nov 03 j 09:18 0° M -5777 Jun 12 j 11:15 17°**Ⅲ**34′04 desc node 0∘∙თ -5777 Jun 26 j 15:24 -5780 Nov 27 j 14:31 24°**I**151'32 -4.8m greatest brilliancy -5777 Jul 06 j 02:42 -5780 Dec 21 j 21:57 0°M 26°**Ⅲ**29'39 retrograde -5777 Jul 23 j 04:20 -5780 Dec 25 j 18:51 4°M45'53 21°**Ⅲ**05'30 desc. node evening set 0°**∡**¹ -5777 Jul 27 j 00:16 -5779 Jan 15 j 07:46 18°**Ⅱ**49'48 -8°23'28 inferior conj -5779 Jan 29 j 22:15 17°**∡**754'55 -5777 Jul 26 j 17:15 19°**耳**00′21 8°22′25 morning set minimum elong 18°**Ⅱ**43'33 0.27094 AU -5777 Jul 27 j 04:25 -5779 Feb 08 j 18:47 0°궁 min. Earth dist. -5777 Jul 30 j 05:58 -5779 Mar 05 j 05:50 0°≈ morning rise 16°**Ⅲ**54'03 max. Earth dist. -5779 Mar 07 j 15:39 2°**≈**57'20 1.73736 AU direct -5777 Aug 16 j 17:53 11°**Ⅱ**06'19 greatest brilliancy -5777 Aug 27 j 14:28 13°**Ⅲ**17′52 -4.9m superior conj -5779 Mar 08 j 06:31 3°≈42'54 -1°14'35 -5777 Sep 21 j 09:05 0ಂತಾ -5779 Mar 08 j 13:13 4°≈03'29 1°14'46 asc. node -5777 Oct 03 j 03:48 11°9508'32 minimum elong -5779 Mar 29 j 16:25 0°**)**€ -5777 Oct 06 j 11:51 14°**©**31'07 46°50'16 morning max el -5779 Apr 13 j 06:21 17°**)** 54′32 -5777 Oct 20 j 23:56 evening rise  $0^{\circ}\Omega$ -5779 Apr 17 j 06:47 22°\ 50'45 -5777 Nov 16 j 05:41 asc. node 0° m -5779 Apr 23 j 02:30  $0^{\circ}\Upsilon$ -5777 Dec 11 j 12:47 0°Ω -5779 May 17 j 12:23 0°8 -5776 Jan 05 j 13:03 -5779 Jun 10 j 22:43  $\mathbb{I}^{\circ 0}$ desc. node -5776 Jan 23 i 07:12 21°M22'18 -5779 Jul 05 i 10:58 0ಂತಾ -5776 Jan 30 j 11:03 0°×7 -5779 Jul 30 i 03:52  $0^{\circ}\Omega$ -5776 Feb 24 i 07:01 0°정 desc. node -5779 Aug 07 i 07:49 9°**Ω**49'35 -5776 Mar 20 i 00:03 0°≈ -5779 Aug 24 j 06:08 0°m -5776 Apr 08 i 05:23 23°≈27'49 morning set -5779 Sep 19 j 03:46 0∘**⊽** -5776 Apr 13 j 13:26 0°\ -5779 Oct 12 j 23:29 25°**△**47'44 47°23'29 -5776 May 07 j 22:50 evening max el -5779 Oct 17 j 03:27 -5776 May 09 j 21:32 2°**Y**24'10 1.73157 AU o°m. max Earth dist greatest brilliancy -5779 Nov 22 j 04:16 27°M31'30 -4.9m -5779 Nov 27 j 23:27 29°M15'56 superior conj -5776 May 13 j 19:45 7°Υ15'11 -0°02'21 asc. node -5779 Dec 03 j 00:47 29°M-46'37 -5776 May 13 j 20:12 7°Υ16'35 0°02'19 retrograde minimum elong 6°Y09'01 -5779 Dec 18 j 14:15 24°M52'13 -5776 May 12 j 22:20 evening set behind sun begin -5776 May 14 j 18:04 8°Y24'10 min. Earth dist. -5779 Dec 23 j 00:54 22°ML07'16 0.28125 AU behind sun end -5776 May 14 j 19:32 8°Y28'45 inferior conj -5779 Dec 24 j 01:52 21°M27'15 5°44'00 asc. node -5776 Jun 01 j 04:24 0°8 minimum elong -5779 Dec 23 j 16:52 21°M41'40 5°41'48 -5776 Jun 18 j 14:04 21°**8**38'57 morning rise -5779 Dec 28 j 20:19 18°**™**29'21 evening rise -5778 Jan 14 j 00:47 13°M21'29 -5776 Jun 25 j 06:54  $0^{\circ}\Pi$ greatest brilliancy -5778 Jan 22 j 17:26 14°M46'07 -4.8m -5776 Jul 19 j 07:51 0 $\circ$  $\odot$ -5778 Feb 16 j 20:16 0°**∡** -5776 Aug 12 j 09:21 0° $\Omega$ morning max el -5778 Mar 03 j 19:07 13°**х** 19'19 45°54'45 desc. node -5776 Sep 03 j 20:08 27°**Ω**51'30 -5778 Mar 20 j 04:34 29°**х** 42′06 0° m desc. node -5776 Sep 05 j 13:42

-5776 Sep 29 j 23:13

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-5778 Mar 20 j 11:27

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Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5773 Mar 09 j 21:01 -5776 Oct 24 j 17:40 0°M 0°정 -5776 Nov 19 j 05:49 0°×7 -5773 Apr 04 j 05:12 0°**≈** -5776 Dec 16 j 12:30 0°궁 -5773 Apr 29 j 03:48 0°\ 6°る07'49 45°54'37  $0^{\circ}\Upsilon$ -5776 Dec 22 j 13:25 -5773 May 23 j 17:49 evening max el -5776 Dec 25 j 10:29 24°Υ12'36 -5773 Jun 12 j 08:20 asc. node 8°**る**57'31 asc. node 27°**Ƴ**38'44 -5775 Jan 19 j 19:31 0°≈ morning set -5773 Jun 15 j 02:45 greatest brilliancy -5775 Jan 30 j 00:30 5°**≈**15'55 -4.7m -5773 Jun 17 j 00:13  $0^{\circ}$ 8 retrograde -5775 Feb 09 j 22:09 7°≈27'11 -5773 Jul 11 j 00:31  $0^{\circ}\Pi$ 1°≈33'08 9°Ⅲ53'42 evening set -5775 Feb 27 j 10:51 max. Earth dist. -5773 Jul 18 j 21:39 1.71420 AU -5775 Mar 01 j 22:57 30°Ŗる inferior conj -5775 Mar 03 j 09:18 29°**る**05'31 7°40'11 superior conj -5773 Jul 22 j 07:09 14°**I**109'54 1°15'27 -5773 Jul 21 j 23:43 13°**Ⅱ**46'31 1°15'38 minimum elong -5775 Mar 03 j 14:54 28°**る**56'36 7°39'22 minimum elong -5773 Aug 03 j 20:59 min. Earth dist. -5775 Mar 03 j 18:17 28°**ප්**51'14 0.29493 AU 0ಂತಾ morning rise -5775 Mar 07 j 18:57 26°**පි**20'41 -5773 Aug 27 j 16:20  $0^{\circ}\Omega$ direct -5775 Mar 25 j 04:09 20°る35'41 evening rise -5773 Aug 30 j 09:48 3°**£**26′09 greatest brilliancy -5775 Apr 04 j 07:45 22°る26'39 -4.7m -5773 Sep 20 j 13:00 0° m desc. node -5775 Apr 16 j 15:25 28°る39'29 desc. node -5773 Oct 02 j 08:40 14° m 48'11 -5775 Apr 18 j 16:19 0°≈ -5773 Oct 14 j 12:47 0∘**ত** morning max el -5775 May 13 j 04:38 20°≈30'51 45°56'54 -5773 Nov 07 j 16:55 -5775 May 22 j 18:47 0°**)**€ -5773 Dec 02 j 03:15 0°×7 -5775 Jun 19 j 13:22  $0^{\circ}\Upsilon$ -5773 Dec 27 j 00:00 0°궁 -5775 Jul 15 i 08:38 0°8 -5772 Jan 21 j 16:20 0°≈ -5775 Aug 07 j 07:01 27°845'02 -5772 Jan 22 j 21:58 1°≈24'19 asc. node asc. node -5775 Aug 09 j 03:00  $\Pi$ °0 -5772 Feb 18 i 01:17 0°) -5775 Sep 02 j 06:59 0ಂತಾ -5772 Mar 03 j 13:23 14°**)** 29'07 45°02'39 evening max el -5775 Sep 26 j 04:03  $0^{\circ}\Omega$ -5772 Mar 21 j 11:33  $0^{\circ}\Upsilon$ -5775 Oct 19 j 23:50 -5772 Apr 10 j 02:47 11°**Y**26'54  $0^{\circ}$  mb greatest brilliancy -4 7m -5772 Apr 20 j 13:42 13°Y22'38 -5775 Nov 12 j 21:52 0∘ഹ retrograde -5772 May 05 j 12:20 -5775 Nov 13 j 09:59 0°£37'52 9°Y10'31 morning set evening set -5772 May 11 j 21:24 5°Υ26'35 0°30'49 -5775 Nov 27 j 08:11 18°**♀**00'41 desc. node inferior conj  $0^{\circ}$ M -5772 May 11 j 22:32 -5775 Dec 06 j 23:27 5°**Y**24′50 0°30′30 minimum elong -5772 May 12 j 16:24 4°**Υ**57'23 0.28471 AU min. Earth dist. 4°Υ05'28 -5775 Dec 25 j 05:08 22°M37'06 -0°57'56 -5772 May 14 j 02:22 superior conj desc. node 1°Y38'34 -5775 Dec 24 j 18:32 -5772 May 18 j 07:54 minimum elong 22°M04'15 0°57'49 morning rise 27°ML05'57 1.72641 AU -5775 Dec 28 j 20:02 -5772 May 21 j 15:13 max. Earth dist. 30°**₹** -5775 Dec 31 j 04:20 0° **₹** direct -5772 Jun 02 j 14:03 27°**)** 14'16 0°ಕ -5774 Jan 24 j 11:50 greatest brilliancy -5772 Jun 13 j 20:21 29°**)** € 30'37 -4.8m evening rise -5774 Feb 02 j 05:42 10°る45'34 -5772 Jun 15 j 01:30  $0^{\circ}\Upsilon$ -5774 Feb 17 j 21:52 0°≈ morning max el -5772 Jul 22 j 10:33 28°Y40'04 46°28'54 greatest brilliancy -5774 Feb 20 j 16:46 3°**≈**24'55 -3.9m -5772 Jul 23 j 18:39 0°8 -5774 Mar 14 j 11:09 0°**)**€ -5772 Aug 20 j 13:39  $0^{\circ}\Pi$ -5774 Mar 19 j 20:12 6°**)** 32'34 -5772 Sep 03 j 18:52 16°**Ⅲ**31'24 asc. node asc. node -5774 Apr 08 j 04:50  $0^{\circ}\Upsilon$ -5772 Sep 15 j 01:53 0ಂತಾ -5774 May 03 j 04:25 0°8 -5772 Oct 09 j 15:46  $0^{\circ}\Omega$ -5774 May 28 j 12:38  $\Pi^{\circ}0$ -5772 Nov 02 j 21:22 0° M -5774 Jun 23 j 11:50 0ಂತಾ -5772 Nov 27 i 02:11 0∘**⊽** desc. node -5774 Jul 09 i 22:17 18°9519'04 -5772 Dec 21 i 09:18 0°M -5774 Jul 20 j 19:46  $0^{\circ}\Omega$ -5772 Dec 24 i 20:58 4°M17'38 desc. node -5774 Jul 30 i 15:56 10°**Ω**05'00 47°22'09 -5771 Jan 14 j 18:51 0°×7 evening max el -5774 Aug 21 j 18:18 0° m -5771 Jan 27 j 13:23 15°**∡**°40'38 morning set -5774 Sep 09 j 23:00 11° m 14'42 -4.9m -5771 Feb 08 j 05:38 0°궁 greatest brilliancy -5774 Sep 19 j 07:56 12° m 55'17 -5771 Mar 04 j 16:33 retrograde 0°≈ 1°≈00'54 1.73722 AU -5774 Oct 04 j 22:14 8° m 05'04 -5771 Mar 05 j 12:24 evening set max Earth dist -5774 Oct 09 j 21:26  $5^{\circ}$  Mp  $06'40 - 5^{\circ}00'22$ inferior conj -5774 Oct 10 j 07:04 4° m 51'54 4°57'36 -5771 Mar 06 j 00:49 1°≈38'59 -1°15'52 minimum elong superior conj 1°≈58'22 1°16'04 -5774 Oct 09 j 16:59 5° Mp 13'29 0.26478 AU -5771 Mar 06 j 07:08 min. Earth dist. minimum elong -5774 Oct 15 j 16:11 1° m/42'42 -5771 Mar 29 j 03:07 0°**)**€ morning rise -5774 Oct 19 j 03:29 30°R€ -5771 Apr 11 j 01:52 15°**)** 53'57 evening rise 27°**Ω**30'43 -5771 Apr 16 j 08:50 22°\ 23'53 direct -5774 Oct 30 j 02:50 asc. node  $0^{\circ}\Upsilon$ 27°**Ω**31'01 -5771 Apr 22 j 13:20 asc. node -5774 Oct 30 j 14:35 0°8 greatest brilliancy -5774 Nov 09 j 01:02 29°**Ω**24'43 -4.9m -5771 May 16 j 23:30 -5774 Nov 10 j 13:16 -5771 Jun 10 j 10:15  $0^{\circ}\Pi$ morning max el -5774 Dec 19 j 05:18 0°**2**04'05 46°26'58 -5771 Jul 04 j 23:05 0ಂತಾ -5774 Dec 19 j 03:39 0∘**⊽** -5771 Jul 29 j 16:48 0° $\Omega$ -5773 Jan 16 j 11:32 0°M desc. node -5771 Aug 06 j 10:03 9°**Ω**16′25 -5773 Feb 12 j 01:14 0°×7 -5771 Aug 23 j 20:24 0° m -5773 Feb 19 j 19:18 8°**х** 56′05 -5771 Sep 18 j 20:36 0∘**ত** desc. node

•			•	, , , , , , , , , , , , , , , , , , ,	5900 BCE in historical co		5C 21
evening max el	-5771 Oct 10 j 13:53	23° <b>£</b> 25'34		. g., g	-5768 May 07 j 09:34	0°Υ	
C	-5771 Oct 17 j 03:31	0°M		max. Earth dist.	-5768 May 07 j 20:18	0° <b>Υ</b> 33'05	1.73200 AU
greatest brilliancy	-5771 Nov 19 j 21:46	25°M15'19	-4.9m		, ,		
asc. node	-5771 Nov 27 j 01:36	27°M13'05		superior conj	-5768 May 11 j 14:46	5° <b>Ƴ</b> 12'27	-0°05'23
retrograde	-5771 Nov 30 j 16:16	27°M28'55		minimum elong	-5768 May 11 j 15:48	5° <b>Ƴ</b> 15'39	0°05'20
evening set	-5771 Dec 16 j 03:35	22°M38'26		behind sun begin	-5768 May 10 j 18:53	4° <b>Υ</b> 10'59	
min. Earth dist.	-5771 Dec 20 j 16:36	19°M50'19	0.28046 AU	behind sun end	-5768 May 12 j 12:44	6° <b>Ƴ</b> 20′20	
inferior conj	-5771 Dec 21 j 17:25	19°M10'34	5°29'12	asc. node	-5768 May 13 j 21:42	8° <b>Ƴ</b> 02'13	
minimum elong	-5771 Dec 21 j 08:29	19°M24'52	5°26'57		-5768 May 31 j 15:11	$0^{\circ}$ 8	
morning rise	-5771 Dec 26 j 14:10	16°M09'14		evening rise	-5768 Jun 16 j 08:16	19° <b>8</b> 32'15	
direct	-5770 Jan 11 j 14:50	11°M05'59			-5768 Jun 24 j 17:51	$\Pi^{\circ}0$	
greatest brilliancy	-5770 Jan 20 j 08:47	12°M31'21	-4.8m		-5768 Jul 18 j 19:03	0ං <b>ම</b>	
	-5770 Feb 17 j 03:19	0° <b>∡</b> ¹			-5768 Aug 11 j 20:55	$0^{\circ}\Omega$	
morning max el	-5770 Mar 01 j 09:17	11° <b>х</b> 04′26	45°55'33	desc. node	-5768 Sep 02 j 22:10	27° <b>Ω</b> 20'51	
desc. node	-5770 Mar 19 j 06:36	29° <b>∡</b> 01'13			-5768 Sep 05 j 01:41	0° <b>m</b>	
	-5770 Mar 20 j 05:04	ව°0			-5768 Sep 29 j 11:45	0∘ <b>ত</b>	
	-5770 Apr 16 j 16:18	0° <b>≈</b>			-5768 Oct 24 j 07:03	$0^{\circ}$ M.	
	-5770 May 12 j 17:32	0° <b>∀</b>			-5768 Nov 18 j 20:55	0° <b>∡</b> ¹	
	-5770 Jun 06 j 22:22	$0^{\circ}$ Y			-5768 Dec 16 j 08:17	0°ප	
	-5770 Jul 01 j 12:35	$9^{\circ}$ 8		evening max el	-5768 Dec 20 j 05:50	3° <b>ප</b> 56'10	45°57'47
asc. node	-5770 Jul 09 j 20:59	10° <b>8</b> 19'25		asc. node	-5768 Dec 24 j 12:46	8° <b>ප</b> 08'00	
	-5770 Jul 25 j 16:02	$\Pi$ °0			-5767 Jan 21 j 02:08	0° <b>≈</b>	
greatest brilliancy	-5770 Aug 15 j 01:19	25° <b>Ⅱ</b> 37'40	-3.9m	greatest brilliancy	-5767 Jan 27 j 16:49	3° <b>≈</b> 07'53	-4.7m
	-5770 Aug 18 j 12:29	$0$ $\circ$		retrograde	-5767 Feb 07 j 15:53	5° <b>≈</b> 20′16	
morning set	-5770 Aug 25 j 19:28	9° <b>©</b> 12'38			-5767 Feb 24 j 05:04	30°Ŗる	
	-5770 Sep 11 j 05:59	$0$ $^{\circ}\Omega$		evening set	-5767 Feb 25 j 05:27	29° <b>る</b> 23'32	
	-5770 Oct 05 j 00:04	0° <b>m</b>		inferior conj	-5767 Mar 01 j 02:25	26° <b>ප්</b> 57'53	7°46'19
				minimum elong	-5767 Mar 01 j 07:29	26° <b>⋜</b> 49'47	7°45'34
superior conj	-5770 Oct 05 j 14:00	0°M/43'54		min. Earth dist.	-5767 Mar 01 j 09:44	26° <b>පි</b> 46'12	0.29491 AU
minimum elong	-5770 Oct 06 j 01:25	1° <b>m</b> 19'51	0°52'02	morning rise	-5767 Mar 05 j 09:35	24° <b>ට</b> 16'44	
max. Earth dist.	-5770 Oct 10 j 01:46	6°Mp23'14	1.70969 AU	direct	-5767 Mar 22 j 21:25	18° <b>ට</b> 28'14	
	-5770 Oct 28 j 21:01	0∘ <b>⊽</b>		greatest brilliancy	-5767 Apr 01 j 22:15	20° <b>る</b> 17'15	-4.7m
desc. node	-5770 Oct 29 j 21:26	1° <b>≏</b> 16'26		desc. node	-5767 Apr 15 j 17:33	27° <b>る</b> 26'40	
evening rise	-5770 Nov 17 j 11:38	24° <b>≏</b> 29'57			-5767 Apr 19 j 09:41	0° <b>≈</b>	
	-5770 Nov 21 j 21:39	$0^{\circ}$ M		morning max el	-5767 May 10 j 21:55	18° <b>≈</b> 24'20	45°56'14
	-5770 Dec 16 j 02:07	0° <b>∡</b> ¹			-5767 May 22 j 13:41	0° <b>∀</b>	
	-5769 Jan 09 j 11:10	0° <b>ප</b>			-5767 Jun 19 j 03:59	$0$ ° $\mathbf{\Upsilon}$	
	-5769 Feb 03 j 03:01	0° <b>≈</b>			-5767 Jul 14 j 21:33	$0^{\circ}S$	
asc. node	-5769 Feb 19 j 09:58	19° <b>≈</b> 32'19		asc. node	-5767 Aug 06 j 09:13	27° <b>8</b> 14'32	
	-5769 Feb 28 j 05:34	0° <b>∀</b>			-5767 Aug 08 j 15:05	$\Pi$ °0	
	-5769 Mar 26 j 00:59	$0$ ° $\mathbf{\gamma}$			-5767 Sep 01 j 18:40	$0$ $\circ$ $\odot$	
	-5769 Apr 22 j 01:40	$9^{\circ}$ 8			-5767 Sep 25 j 15:32	$0^{\circ}\Omega$	
evening max el	-5769 May 15 j 07:31	23° <b>8</b> 44'49	45°46'48		-5767 Oct 19 j 11:11	0° <b>m</b> )	
	-5769 May 22 j 00:22	$\Pi$ °0		morning set	-5767 Nov 10 j 19:47	28° Mp 03'16	
desc. node	-5769 Jun 11 j 13:23	16° <b>Ⅱ</b> 12'39			-5767 Nov 12 j 09:07	0∘ <b>⊽</b>	
greatest brilliancy	-5769 Jun 24 j 01:58	22° <b>Ⅱ</b> 26′06	-4.8m	desc. node	-5767 Nov 26 j 10:21	17° <b>≏</b> 32'35	
retrograde	-5769 Jul 03 j 15:18	24° <b>Ⅱ</b> 05'53			-5767 Dec 06 j 10:35	0° <b>M</b> ₊	
evening set	-5769 Jul 20 j 12:41	18° <b>Ⅱ</b> 47'00					
inferior conj	-5769 Jul 24 j 12:52	16° <b>Ⅱ</b> 25'29		superior conj	-5767 Dec 22 j 16:59	20°M10'52	
minimum elong	-5769 Jul 24 j 05:10	16° <b>Ⅱ</b> 37′03	8°13'19	minimum elong	-5767 Dec 22 j 06:21	19°M37'58	0°55'08
min. Earth dist.	-5769 Jul 24 j 16:57	16° <b>Ⅱ</b> 19'21	0.27136 AU	max. Earth dist.	-5767 Dec 26 j 12:44	24°M54'56	1.72584 AU
morning rise	-5769 Jul 27 j 21:25	14° <b>Ⅱ</b> 25'49			-5767 Dec 30 j 15:22	0° <b>∡</b> ¹	
direct	-5769 Aug 14 j 07:27	8° <b>Ⅱ</b> 41′02			-5766 Jan 23 j 22:49	0°ರ	
greatest brilliancy	-5769 Aug 25 j 04:33	10° <b>Ⅱ</b> 53'27	-4.9m	evening rise	-5766 Jan 30 j 21:20	8° <b>ප</b> 32'19	
	-5769 Sep 21 j 15:32	$0$ $\circ$ $\odot$			-5766 Feb 17 j 08:55	0° <b>≈</b>	
asc. node	-5769 Oct 02 j 05:53	10°9514'06		greatest brilliancy	-5766 Feb 19 j 20:04	3° <b>≈</b> 01'11	-3.9m
morning max el	-5769 Oct 04 j 02:02	12° <b>©</b> 06'25	46°50'21		-5766 Mar 13 j 22:24	0° <b>∀</b>	
	-5769 Oct 20 j 18:18	$0$ $^{\circ}\Omega$		asc. node	-5766 Mar 18 j 22:14	6° <b>)</b> 04′20	
	-5769 Nov 15 j 20:37	0° <b>m</b>			-5766 Apr 07 j 16:30	0° <b>Υ</b>	
	-5769 Dec 11 j 02:05	0∘ <b>⊽</b>			-5766 May 02 j 16:50	0°8	
	-5768 Jan 05 j 01:23	$0^{\circ}$ M			-5766 May 28 j 02:15	$\Pi$ °0	
desc. node	-5768 Jan 22 j 09:26	20°M53'20			-5766 Jun 23 j 03:37	$0$ $\circ$ $\odot$	
	-5768 Jan 29 j 22:44	0° <b>∡</b> ¹		desc. node	-5766 Jul 09 j 00:35	17° <b>©</b> 36'05	
	-5768 Feb 23 j 18:16	0° <b>ට</b>			-5766 Jul 20 j 16:28	$0$ $^{\circ}\Omega$	
	-5768 Mar 19 j 11:01	0° <b>≈</b>		evening max el	-5766 Jul 28 j 06:20	7° <b>Ω</b> 42'35	47°19'48
morning set	-5768 Apr 06 j 00:25	21° <b>≈</b> 26′05			-5766 Aug 22 j 14:15	0° <b>m</b>	
	-5768 Apr 13 j 00:14	0° <b>)</b>		greatest brilliancy	-5766 Sep 07 j 12:16	8° Mp 45'43	-4.9m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 28 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	n astronomical cou	unting style is the year	5900 BCE in historical c	ounting style.	
retrograde	-5766 Sep 16 j 20:35	$10^{\circ}$ My $25'06$		superior conj	-5763 Mar 03 j 18:49	29° <b>る</b> 33'20	-1°17'03
evening set	-5766 Oct 02 j 13:47	5° Mp 31'26		minimum elong	-5763 Mar 04 j 00:42	29° <b>る</b> 51'21	
inferior conj	-5766 Oct 07 j 09:49	2° m 37'22		max. Earth dist.	-5763 Mar 03 j 07:31		1.73710 AU
minimum elong	-5766 Oct 07 j 19:49	2° <b>m</b> 22'01			-5763 Mar 04 j 03:31	0° <b>≈</b>	
min. Earth dist.	-5766 Oct 07 j 06:09	2° m 43'00	0.26470 AU		-5763 Mar 28 j 14:05	0° <b>∺</b>	
	-5766 Oct 11 j 19:00	30°R€		evening rise	-5763 Apr 08 j 21:02	13° <b>¥</b> 51'33	
morning rise	-5766 Oct 13 j 02:09	29° <b>Ω</b> 16'41		asc. node	-5763 Apr 15 j 10:58	21° <b>¥</b> 56′26	
direct	-5766 Oct 27 j 15:36	25° <b>Ω</b> 02'03			-5763 Apr 22 j 00:27	0° <b>Υ</b>	
asc. node	-5766 Oct 29 j 16:49	25° <b>Ω</b> 07'12			-5763 May 16 j 10:54	0°B	
greatest brilliancy	-5766 Nov 06 j 14:10	26° <b>Ω</b> 56'16	-4.9m		-5763 Jun 09 j 22:06	0°Щ	
	-5766 Nov 13 j 04:46	0° <b>m</b> )			-5763 Jul 04 j 11:33	0°9	
morning max el	-5766 Dec 16 j 18:45	27° m/40'03	46°28'02		-5763 Jul 29 j 06:09	0° <b>Q</b>	
	-5766 Dec 19 j 02:30	0∘ <b>亚</b>		desc. node	-5763 Aug 05 j 12:05	8° <b>Ω</b> 41'31	
	-5765 Jan 16 j 03:57	0° <b>M</b> 0°. <b>⊼</b>			-5763 Aug 23 j 11:08	0° <b>m</b>	
	-5765 Feb 11 j 15:07	0° <b>⊼</b> ¹		·	-5763 Sep 18 j 14:02	0∘ <b>⊽</b>	47027140
desc. node	-5765 Feb 18 j 21:20	8° <b>∡</b> '23'12		evening max el	-5763 Oct 08 j 04:22	21° <b>⊆</b> 03'03	4/°2/'40
	-5765 Mar 09 j 09:35	0°る		4 41 700	-5763 Oct 17 j 04:59	0°M	4.0
	-5765 Apr 03 j 17:00	0° <b>≈</b>		greatest brilliancy	-5763 Nov 17 j 14:55	22°M.58'19	-4.9m
	-5765 Apr 28 j 15:09	0° <b>ℋ</b> 0° <b>Ƴ</b>		asc. node	-5763 Nov 26 j 03:49	25°M05'23	
1	-5765 May 23 j 04:56	23° <b>Y</b> '45'04		retrograde	-5763 Nov 28 j 08:06	25°M11'14	
asc. node	-5765 Jun 11 j 10:31			evening set	-5763 Dec 13 j 17:08	20°M24'06	0.27069 ATT
morning set	-5765 Jun 12 j 20:02	25° <b>Y</b> 29'05		min. Earth dist.	-5763 Dec 18 j 08:18	17°M33'22	0.27968 AU
	-5765 Jun 16 j 11:15 -5765 Jul 10 j 11:35	0°¤ 8°0		inferior conj	-5763 Dec 19 j 09:06	16°M53'44 17°M07'48	5°13'48
may Forth dist	•		1.71475 AU	minimum elong	-5763 Dec 19 j 00:18	17 1160748 13°M49'10	3 11 31
max. Earth dist.	-5765 Jul 16 j 06:31	/ Д1004	1./14/3 AU	morning rise	-5763 Dec 24 j 08:11		
aumariar aani	5765 Jul 10:22:25	11° <b>Ⅱ</b> 52'11	1012155	direct	-5762 Jan 09 j 04:56 -5762 Jan 18 j 00:15	8°M50'10 10°M16'32	1 9
superior conj	-5765 Jul 19 j 22:25	11° <b>II</b> 3211		greatest brilliancy	-	10 IIC10 32 0° <b>√</b>	-4.0111
minimum elong	-5765 Jul 19 j 14:34 -5765 Aug 03 j 08:07	11 <b>ய</b> 2/33	1 14 04	morning max el	-5762 Feb 17 j 08:26 -5762 Feb 27 j 00:28	0 x · 8° x 751′22	45056110
	-5765 Aug 27 j 03:33	0° <b>U</b>		desc. node	-5762 Mar 18 j 08:43	28° <b>×</b> <sup>7</sup> 20'17	43 30 12
evening rise	-5765 Aug 27 j 20:44	0° <b>Ω</b> 54'06		desc. node	-5762 Mar 19 j 22:34	28 <b>メ</b> ・2017 0° <b>る</b>	
evening rise	-5765 Sep 20 j 00:21	0° <b>m</b> )			-5762 Apr 16 j 06:31	0°≈	
desc. node	-5765 Oct 01 j 10:43	14° <b>m</b> ) 18'50			-5762 May 12 j 06:17	0° <b>₩</b>	
dese. Hode	-5765 Oct 14 j 00:19	0ಂ <b>ರ</b>			-5762 Jun 06 j 10:22	0° <b>Υ</b>	
	-5765 Nov 07 j 04:41	0° <b>™</b>			-5762 Jul 01 j 00:12	0°8	
	-5765 Dec 01 j 15:24	0° <b>∡</b> 7		asc. node	-5762 Jul 08 j 23:06	9° <b>8</b> 50'13	
	-5765 Dec 26 j 12:53	0°₹		use. Hode	-5762 Jul 25 j 03:27	0°Ⅱ	
	-5764 Jan 21 j 06:46	0° <b>≈</b>		greatest brilliancy	-5762 Aug 14 j 12:49	25° <b>I</b> I38'05	-3 9m
asc. node	-5764 Jan 22 j 00:08	0° <b>≈</b> 49'16		8	-5762 Aug 17 j 23:51		2 15 222
	-5764 Feb 17 j 19:45	0° <b>∀</b>		morning set	-5762 Aug 23 j 07:27	6°9542'53	
evening max el	-5764 Mar 01 j 03:51	12° <b>¥</b> 15'13	45°02'51	3	-5762 Sep 10 j 17:21	$0^{\circ}\Omega$	
<i>8</i>	-5764 Mar 22 j 01:39	0° <b>Υ</b>					
greatest brilliancy	-5764 Apr 07 j 18:09	9° <b>Y</b> 16'03	-4.7m	superior conj	-5762 Oct 02 j 22:55	28° <b>Ω</b> 04'49	0°55'20
retrograde	-5764 Apr 18 j 04:17	11° <b>Υ</b> 11'42		minimum elong	-5762 Oct 03 j 10:31	28° <b>Ω</b> 41'24	
evening set	-5764 May 03 j 04:47	6° <b>Ƴ</b> 57'28		· ·	-5762 Oct 04 j 11:28	0° m/	
inferior conj	-5764 May 09 j 12:53	3° <b>Υ</b> 14'51	0°50'49	max. Earth dist.	-5762 Oct 07 j 04:19	-•	1.70936 AU
minimum elong	-5764 May 09 j 14:45	3° <b>Y</b> 11'59	0°50'16		-5762 Oct 28 j 08:25	0∘ <u>⊽</u>	
min. Earth dist.	-5764 May 10 j 08:51	2° <b>Y</b> '44'09	0.28525 AU	desc. node	-5762 Oct 28 j 23:37	0° <b>≏</b> 47'36	
desc. node	-5764 May 13 j 04:35	1° <b>Y</b> ′01'26		evening rise	-5762 Nov 14 j 21:01	21° <b>≏</b> 54'12	
	-5764 May 14 j 22:59	30° <b>Ŗ</b> ₩			-5762 Nov 21 j 09:01	0° <b>M</b>	
morning rise	-5764 May 15 j 23:46	29° <b>)</b> 25'45			-5762 Dec 15 j 13:30	0° <b>∡</b> ¹	
direct	-5764 May 31 j 05:28	25° <b>₩</b> 01'16			-5761 Jan 08 j 22:42	8°0	
greatest brilliancy	-5764 Jun 11 j 12:53	27° <b>)</b> 18′04	-4.8m		-5761 Feb 02 j 14:55	0° <b>≈</b>	
	-5764 Jun 17 j 08:20	$0^{\circ}$ $\Upsilon$		asc. node	-5761 Feb 18 j 11:59	19° <b>≈</b> 01'40	
morning max el	-5764 Jul 20 j 00:49	26° <b>Y</b> 20'39	46°27'46		-5761 Feb 27 j 18:14	0° <b>)</b>	
	-5764 Jul 23 j 16:18	$_{0\circ}$ 8			-5761 Mar 25 j 15:11	$0^{\circ}$ Y	
	-5764 Aug 20 j 05:36	$\Pi^{\circ}0$			-5761 Apr 21 j 19:14	$0^{\circ}$ 8	
asc. node	-5764 Sep 02 j 20:51	15° <b>Ⅲ</b> 54'10		evening max el	-5761 May 12 j 21:50	21° <b>8</b> 26'57	45°43'55
	-5764 Sep 14 j 15:43	$0$ $\circ$ $\odot$			-5761 May 22 j 04:44	$\Pi$ °0	
	-5764 Oct 09 j 04:32	$0^{\circ}\Omega$		desc. node	-5761 Jun 10 j 15:37	14° <b>Ⅱ</b> 47'42	
	-5764 Nov 02 j 09:32	0° <b>m</b>		greatest brilliancy	-5761 Jun 21 j 12:16	19° <b>Ⅱ</b> 59'47	-4.8m
	-5764 Nov 26 j 13:57	0∘ <b>⊽</b>		retrograde	-5761 Jul 01 j 04:12	21° <b>Ⅱ</b> 41'21	
	-5764 Dec 20 j 20:47	$0^{\circ}$ M		evening set	-5761 Jul 17 j 21:06	16° <b>Ⅱ</b> 27'58	
desc. node	-5764 Dec 23 j 23:07	3°M49'01		inferior conj	-5761 Jul 22 j 01:31	14° <b>Ⅱ</b> 00′28	-8°04'42
	-5763 Jan 14 j 06:06	0° <b>∡</b> ¹		minimum elong	-5761 Jul 21 j 17:13	14° <b>Ⅱ</b> 12'54	8°03'17
morning set	-5763 Jan 25 j 04:15	13° <b>х</b> 24′46		min. Earth dist.	-5761 Jul 22 j 05:17		0.27176 AU
	-5763 Feb 07 j 16:42	0°ප		morning rise	-5761 Jul 25 j 13:07	11° <b>Ⅱ</b> 56'32	

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c		
direct	-5761 Aug 11 j 21:29	6° <b>Ⅱ</b> 15'19			-5758 Jan 23 j 10:00	0°ರ	
greatest brilliancy	-5761 Aug 22 j 18:05	8° <b>Ⅱ</b> 27'40	-4.9m	evening rise	-5758 Jan 28 j 12:55	6° <b>ප</b> 18'20	
	-5761 Sep 21 j 20:23	0ಂಣ			-5758 Feb 16 j 20:07	0° <b>≈</b>	
asc. node	-5761 Oct 01 j 08:09	9° <b>5</b> 20'16		greatest brilliancy	-5758 Feb 20 j 02:18	3°≈59'26	-3.9m
morning max el	-5761 Oct 01 j 16:32	9° <b>5</b> 641'42	46°50'17		-5758 Mar 13 j 09:46	0° <b>∀</b>	
	-5761 Oct 20 j 12:35	$0$ $^{\circ}\Omega$		asc. node	-5758 Mar 18 j 00:28	5° <b>)</b> 36′24	
	-5761 Nov 15 j 11:42	0° <b>m</b> )			-5758 Apr 07 j 04:16	0° <b>Ƴ</b>	
	-5761 Dec 10 j 15:36	0∘ <b>亚</b>			-5758 May 02 j 05:22	0°8	
	-5760 Jan 04 j 13:56	0°M			-5758 May 27 j 16:06	0°Ⅱ	
desc. node	-5760 Jan 21 j 11:27	20°M23'01			-5758 Jun 22 j 19:50	0°9	
	-5760 Jan 29 j 10:37	0° <b>∡</b> ¹		desc. node	-5758 Jul 08 j 02:36	16°951'05	
	-5760 Feb 23 j 05:42	5°0			-5758 Jul 20 j 14:12	0°Ω 5°Ω17'24	47017104
	-5760 Mar 18 j 22:11	0°≈ 10°≈≈24!27		evening max el	-5758 Jul 25 j 19:57	5° <b>Ω</b> 17'24	4/1/04
morning set	-5760 Apr 03 j 19:42	19° <b>≈</b> 24'27 0° <b>升</b>		araataat brillianas	-5758 Aug 23 j 17:55 -5758 Sep 05 j 01:57	0° Mp 6° Mp 16'03	-4.9m
max. Earth dist.	-5760 Apr 12 j 11:15 -5760 May 05 j 17:56	28° <b>∺</b> 37'48	1.73245 AU	greatest brilliancy retrograde	-5758 Sep 05 j 01.57	7° Mp 53'35	-4.9111
max. Earth dist.	-5760 May 05 j 17.36	28 <b>π</b> 3/48 0° <b>Υ</b>	1./3243 AU	evening set	-5758 Sep 30 j 05:15	7 11\(\mu \) 33 33 2° M) 56'26	
	-5700 May 00 j 20.55	U I		inferior conj	-5758 Oct 04 j 22:04	0° m) 07'02	5°30'53
superior conj	-5760 May 09 j 09:55	3° <b>Ƴ</b> 09'18	0.08133	minimum elong	-5758 Oct 04 j 22:04 -5758 Oct 05 j 08:22	0 1100702 29° <b>Ω</b> 51'13	
minimum elong	-5760 May 09 j 11:32	3° <b>Υ</b> 14'18	0°08'19	min. Earth dist.	-5758 Oct 04 j 19:32	0° <b>m</b> ) 10'56	0.26462 AU
behind sun begin	-5760 May 08 j 16:35	2° <b>Υ</b> 15'49	0 00 19	mm. Earth dist.	-5758 Oct 04 j 19:32	0 11/10 30 30°RΩ	0.20402 AU
behind sun end	-5760 May 10 j 06:28	4° <b>Υ</b> 12'48		morning rise	-5758 Oct 10 j 11:42	26° <b>Ω</b> 49'49	
asc. node	-5760 May 12 j 23:54	7° <b>Υ</b> '34'55		direct	-5758 Oct 25 j 03:42	20° <b>€</b> (4)'4)' 22° <b>€</b> (32'12	
ase. Houe	-5760 May 31 j 02:17	0° <b>8</b>		asc. node	-5758 Oct 28 j 19:02	22°Ω48'09	
evening rise	-5760 Jun 14 j 02:30	17° <b>8</b> 24'43		greatest brilliancy	-5758 Nov 04 j 03:42	24° <b>Ω</b> 27'17	-4.9m
	-5760 Jun 24 j 05:07	0°II		8	-5758 Nov 14 j 21:00	0° m/y	,
	-5760 Jul 18 j 06:35	0°©		morning max el	-5758 Dec 14 j 07:10	25° m/ 12'42	46°29'14
	-5760 Aug 11 j 08:47	$0^{\circ}\Omega$		5 5	-5758 Dec 19 j 00:39	0∘ <u>⊽</u>	
desc. node	-5760 Sep 02 j 00:15	26° <b>Ω</b> 49'30			-5757 Jan 15 j 20:11	0° <b>M</b> .	
	-5760 Sep 04 j 13:58	0° <b>m</b> )			-5757 Feb 11 j 04:58	0° <b>∡</b> ¹	
	-5760 Sep 29 j 00:36	0∘ <u>⊽</u>		desc. node	-5757 Feb 17 j 23:24	7° <b>∡</b> 750′17	
	-5760 Oct 23 j 20:49	0°M₊			-5757 Mar 08 j 22:10	ರ°0	
	-5760 Nov 18 j 12:32	0° <b>∡¹</b>			-5757 Apr 03 j 04:48	0° <b>≈</b>	
	-5760 Dec 16 j 04:57	0°ರ			-5757 Apr 28 j 02:29	0° <b>)</b>	
evening max el	-5760 Dec 17 j 22:42	1° <b>る</b> 44'48	46°01'01		-5757 May 22 j 16:00	$0$ ° $\mathbf{\Upsilon}$	
asc. node	-5760 Dec 23 j 14:57	7° <b>る</b> 16'45		morning set	-5757 Jun 10 j 13:49	23° <b>Y</b> 21'09	
	-5759 Jan 23 j 00:01	0° <b>≈</b>		asc. node	-5757 Jun 10 j 12:38	23° <b>Y</b> 17'30	
greatest brilliancy	-5759 Jan 25 j 09:57	1° <b>≈</b> 00'38	-4.7m		-5757 Jun 15 j 22:15	$0^{\circ}$ 8	
retrograde	-5759 Feb 05 j 09:36	3° <b>≈</b> 13'22			-5757 Jul 09 j 22:38	$\Pi$ °0	
	-5759 Feb 18 j 01:27	30°Ŗる		max. Earth dist.	-5757 Jul 13 j 19:01	4° <b>Ⅱ</b> 49'53	1.71540 AU
evening set	-5759 Feb 23 j 00:09	27° <b>る</b> 14'35					
inferior conj	-5759 Feb 26 j 19:48	24° <b>る</b> 50'32	7°51'44	superior conj	-5757 Jul 17 j 14:03		1°12'16
minimum elong	-5759 Feb 27 j 00:20	24° <b>පි</b> 43'18	7°51'04	minimum elong	-5757 Jul 17 j 05:51	9° <b>Ⅱ</b> 09'56	1°12'23
min. Earth dist.	-5759 Feb 27 j 01:31	24° <b>る</b> 41'25	0.29481 AU		-5757 Aug 02 j 19:18	0°€	
morning rise	-5759 Mar 03 j 00:36	22°る12'45		evening rise	-5757 Aug 25 j 07:54	28°522'31	
direct	-5759 Mar 20 j 14:57	16°る21'22			-5757 Aug 26 j 14:52	0°N	
greatest brilliancy	-5759 Mar 30 j 12:46	18°る08'01	-4.7m	4 '	-5757 Sep 19 j 11:50	0°M)	
desc. node	-5759 Apr 14 j 19:47	26° <b>る</b> 16'08		desc. node	-5757 Sep 30 j 12:55	13° m/49'31	
	-5759 Apr 19 j 22:40	0° <b>≈</b>			-5757 Oct 13 j 11:58	0° <del>.</del>	
morning max el					ETET NT 00:1005		
	-5759 May 08 j 14:35	16°≈16'11	45°55'24		-5757 Nov 06 j 16:35	0°M 0°. <b>₹</b>	
	-5759 May 22 j 08:13	0° <b>₩</b>	45°55'24		-5757 Dec 01 j 03:40	0° <b>∡</b> ¹	
	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38	0° <b>∀</b> 0° <b>Υ</b>	45°55'24		-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53	0°♂ 5°0	
	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38	0° <b>႘</b> 0° <b>Ƴ</b>	45°55′24		-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23	∇°0 ℃ 0°≈ 0°≈	
asc. node	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15	0°₩ 0°Υ 0°℧ 26°℧42'48	45°55'24	asc. node	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12	0°♂ 0°≈ 0°≈ 0°≈13'36	
asc. node	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24	0°¥ 0°Y 0°8 26°842'48 0°∏	45°55'24		-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40	0°♂ 0°♂ 0°≈ 0°≈13'36 0°∺	45902119
asc. node	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35	0°光 0°Y 0°8 26°842'48 0°Ⅲ 0°©	45°55'24	asc. node evening max el	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19	0°♂ 0°♂ 0°≈ 0°≈13'36 0°升 10°升01'28	45°03'18
asc. node	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13	0°₩ 0°Ψ 0°Β 26°Β42'48 0°Π 0°Φ 0°Ω	45°55'24	evening max el	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Mar 22 j 20:17	0°水 0°ጜ 0°≈ 0°≈13'36 0°ਮ 10°ਮ01'28 0°Υ	
	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44	0°₩ 0°Y 0°₩ 26°₩42'48 0°Ⅲ 0°ॐ 0°Ω 0°™	45°55'24	evening max el greatest brilliancy	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Mar 22 j 20:17 -5756 Apr 05 j 09:19	0° ⋪ 0° ₹ 0° ≈ 0° ≈ 13'36 0° ₩ 10° ₩ 01'28 0° Υ 7° Υ 05'45	45°03'18 -4.7m
asc. node morning set	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30	0°¥ 0°Y 0°8 26°842'48 0°II 0°S 0°A 0°I0 25°I027'44	45°55'24	evening max el greatest brilliancy retrograde	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Mar 22 j 20:17 -5756 Apr 05 j 09:19 -5756 Apr 15 j 19:38	0° ₹ 0° ₹ 0° ≈ 0° ≈ 13'36 0° ¥ 10° ¥ 01'28 0° Υ 7° Υ 05'45 9° Υ 02'09	
morning set	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 11 j 20:32	0°\ 0°\ 0°\ 26°\ 42'48 0°\ 0°\ 0°\ 0°\ 0°\ 25°\ 25°\ 27'44 0°\	45°55'24	evening max el greatest brilliancy retrograde evening set	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Mar 22 j 20:17 -5756 Apr 05 j 09:19 -5756 Apr 15 j 19:38 -5756 Apr 30 j 21:40	0° ₹ 0° ₹ 0° ≈ 0° ≈ 13'36 0° ¥ 10° ¥ 01'28 0° Ŷ 7° Ŷ 05'45 9° Ŷ 02'09 4° Ŷ 45'23	-4.7m
	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 11 j 20:32 -5759 Nov 25 j 12:26	0°\\\ 0°\\\ 0°\\\ 26°\\\ 42'48\\ 0°\\\ 0°\\\ 0°\\\ 0°\\\ 0°\\\\ 0°\\\\ 0°\\\\ 17°\\\ 25°\\\\\\ 17°\\\\ 203'40	45°55'24	evening max el greatest brilliancy retrograde evening set inferior conj	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 15 j 19:38 -5756 Apr 30 j 21:40 -5756 May 07 j 04:40	0° ₹ 0° ₹ 0° ₹ 0° ₹ 10° ¥ 10° ¥ 0° ¥ 7° Y 05' 45 9° Y 02' 09 4° Y 45' 23 1° Y 04' 20	-4.7m 1°10'34
morning set	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 11 j 20:32	0°\ 0°\ 0°\ 26°\ 42'48 0°\ 0°\ 0°\ 0°\ 0°\ 25°\ 25°\ 27'44 0°\	45°55'24	evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 30 j 21:40 -5756 May 07 j 04:40 -5756 May 07 j 07:14	0°♂ 0°♂ 0°≈ 13'36 0°₩ 10°₩01'28 0°Ψ 7°Ψ05'45 9°Ψ02'09 4°Ψ45'23 1°Ψ04'20 1°Ψ00'23	-4.7m 1°10'34 1°09'48
morning set desc. node	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 11 j 20:32 -5759 Nov 25 j 12:26 -5759 Dec 05 j 21:54	0°\\\ 0°\\\ 0°\\\ 26°\\\ 26°\\\ 42'48\\ 0°\\\ 0°\\\ 0°\\\ 0°\\\\ 0°\\\\ 0°\\\\ 17°\\\\ 25°\\\\\\ 17°\\\\\ 0°\\\\\\ 17°\\\\\\\\\ 0°\\\\\\\\\\\\\\\\\\\\\\\\\\		evening max el greatest brilliancy retrograde evening set inferior conj	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 30 j 21:40 -5756 May 07 j 04:40 -5756 May 07 j 07:14 -5756 May 08 j 01:20	0°♂ 0°♂ 0°≈ 0°≈13'36 0°升 10°升01'28 0°Y 7°Y05'45 9°Y02'09 4°Y45'23 1°Y04'20 1°Y00'23 0°Y32'33	-4.7m 1°10'34
morning set desc. node superior conj	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 25 j 12:26 -5759 Dec 05 j 21:54	0°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-0°52'28	evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 05 j 09:19 -5756 Apr 30 j 21:40 -5756 May 07 j 04:40 -5756 May 07 j 07:14 -5756 May 08 j 01:20 -5756 May 08 j 22:34	0°♂ 0°♂ 0°≈ 0°≈13'36 0°¥ 10°¥01'28 0°Y 7°Y05'45 9°Y02'09 4°Y45'23 1°Y04'20 1°Y00'23 0°Y32'33 30°R¥	-4.7m 1°10'34 1°09'48
morning set desc. node superior conj minimum elong	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 11 j 20:32 -5759 Dec 05 j 21:54 -5759 Dec 20 j 04:40 -5759 Dec 19 j 18:08	0° \( \) 0° \( \) 0° \( \) 26° \( \) 42'48 \( \) 0° \( \) 0° \( \) 0° \( \) 0° \( \) 0° \( \) 17° \( \) 44 \( \) 0° \( \) 17° \( \) 43'29 \( \) 17° \( \) 110'52	-0°52'28 0°52'19	evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. desc. node	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Jan 21 j 02:12 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 15 j 19:38 -5756 Apr 30 j 21:40 -5756 May 07 j 07:14 -5756 May 08 j 01:20 -5756 May 08 j 01:20 -5756 May 08 j 22:34 -5756 May 12 j 06:43	0°♂ 0°≈ 0°≈13'36 0°₩ 10°₩01'28 0°Υ 7°Y05'45 9°Y02'09 4°Y45'23 1°Y04'20 1°Y00'23 0°Y32'33 30°₹₩ 28°₩00'49	-4.7m 1°10'34 1°09'48
morning set desc. node superior conj	-5759 May 22 j 08:13 -5759 Jun 18 j 18:38 -5759 Jul 14 j 10:38 -5759 Aug 05 j 11:15 -5759 Aug 08 j 03:24 -5759 Sep 01 j 06:35 -5759 Sep 25 j 03:13 -5759 Oct 18 j 22:44 -5759 Nov 08 j 05:30 -5759 Nov 25 j 12:26 -5759 Dec 05 j 21:54	0°\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-0°52'28	evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5757 Dec 01 j 03:40 -5757 Dec 26 j 01:53 -5756 Jan 20 j 21:23 -5756 Feb 17 j 14:40 -5756 Feb 27 j 18:19 -5756 Apr 05 j 09:19 -5756 Apr 05 j 09:19 -5756 Apr 30 j 21:40 -5756 May 07 j 04:40 -5756 May 07 j 07:14 -5756 May 08 j 01:20 -5756 May 08 j 22:34	0°♂ 0°♂ 0°≈ 0°≈13'36 0°¥ 10°¥01'28 0°Y 7°Y05'45 9°Y02'09 4°Y45'23 1°Y04'20 1°Y00'23 0°Y32'33 30°R¥	-4.7m 1°10'34 1°09'48

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 30 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi	cal year style is used: Th	e year -5899 i	n astronomical cou	nting style is the year	5900 BCE in historical co	ounting style.	
greatest brilliancy	-5756 Jun 09 j 05:41	25° <b>)</b> €07'14	-4.8m		-5753 Jan 08 j 10:07	0°ප	
	-5756 Jun 18 j 19:28	$0$ ° $\Upsilon$			-5753 Feb 02 j 02:43	0° <b>≈</b>	
morning max el	-5756 Jul 17 j 15:55	24° <b>Y</b> 04'14	46°26'35	asc. node	-5753 Feb 17 j 14:15	18° <b>≈</b> 32′07	
	-5756 Jul 23 j 12:56	$9^{\circ}$ 8			-5753 Feb 27 j 06:49	0° <b>∀</b>	
	-5756 Aug 19 j 21:08	$\Pi$ $^{\circ}0$			-5753 Mar 25 j 05:21	$0$ ° $\Upsilon$	
asc. node	-5756 Sep 01 j 23:10	15° <b>Ⅱ</b> 18'34			-5753 Apr 21 j 12:57	$9^{\circ}$ 8	
	-5756 Sep 14 j 05:21	0		evening max el	-5753 May 10 j 12:37	19° <b>8</b> 10'59	45°41'08
	-5756 Oct 08 j 17:14	$0 {\circ} \Omega$			-5753 May 22 j 10:43	$\Pi$ $^{\circ}0$	
	-5756 Nov 01 j 21:42	0° <b>™</b>		desc. node	-5753 Jun 09 j 17:43	13° <b>Ⅱ</b> 20′28	
	-5756 Nov 26 j 01:44	0∘ <b>⊽</b>		greatest brilliancy	-5753 Jun 18 j 23:02	17° <b>Ⅱ</b> 35'13	-4.8m
	-5756 Dec 20 j 08:15	0°M₊		retrograde	-5753 Jun 28 j 17:04	19° <b>Ⅱ</b> 17'54	
desc. node	-5756 Dec 23 j 01:10	3° <b>™</b> 20′06		evening set	-5753 Jul 15 j 05:40	14° <b>Ⅱ</b> 10′29	
	-5755 Jan 13 j 17:18	0° <b>∡</b> ¹		inferior conj	-5753 Jul 19 j 14:14	11° <b>Ⅱ</b> 36′50	
morning set	-5755 Jan 22 j 18:35	11° <b>∡</b> 07'21		minimum elong	-5753 Jul 19 j 05:24	11° <b>Ⅱ</b> 50′06	
	-5755 Feb 07 j 03:42	0°ප		min. Earth dist.	-5753 Jul 19 j 17:46		0.27210 AU
max. Earth dist.	-5755 Mar 01 j 02:51	26° <b>る</b> 57'18	1.73697 AU	morning rise	-5753 Jul 23 j 04:58	9° <b>Ⅱ</b> 28′22	
				direct	-5753 Aug 09 j 11:37	3° <b>Ⅱ</b> 51'16	
superior conj	-5755 Mar 01 j 12:39	27° <b>る</b> 27'20		greatest brilliancy	-5753 Aug 20 j 07:19	6° <b>Ⅱ</b> 02'53	-4.9m
minimum elong	-5755 Mar 01 j 18:03	27° <b>る</b> 43'56	1°18'22		-5753 Sep 21 j 22:58	$0$ $\circ$ $\odot$	
	-5755 Mar 03 j 14:25	0° <b>≈</b>		morning max el	-5753 Sep 29 j 06:15	7° <b>5</b> 016'28	46°50'13
	-5755 Mar 28 j 00:59	0° <b>)</b> €		asc. node	-5753 Sep 30 j 10:22	8° <b>©</b> 28'42	
evening rise	-5755 Apr 06 j 16:19	11° <b>)</b> 49′52			-5753 Oct 20 j 06:00	$0$ $\circ$ $\Omega$	
asc. node	-5755 Apr 14 j 13:10	21° <b>¥</b> 29′29			-5753 Nov 15 j 02:11	0° m∕	
	-5755 Apr 21 j 11:29	$0$ ° $\Upsilon$			-5753 Dec 10 j 04:39	0∘ <b>⊽</b>	
	-5755 May 15 j 22:11	$9^{\circ}$ 8			-5752 Jan 04 j 02:08	$0^{\circ}$ M	
	-5755 Jun 09 j 09:46	$\Pi$ $^{\circ}0$		desc. node	-5752 Jan 20 j 13:34	19°M53'45	
	-5755 Jul 03 j 23:48	$0$ $\circ$ $\odot$			-5752 Jan 28 j 22:15	0° <b>∡</b> ¹	
	-5755 Jul 28 j 19:18	$0^{\circ}\Omega$			-5752 Feb 22 j 16:55	0°ප	
desc. node	-5755 Aug 04 j 14:14	8° <b>Ω</b> 07'36			-5752 Mar 18 j 09:07	0° <b>≈</b>	
	-5755 Aug 23 j 01:48	0° <b>m</b>		morning set	-5752 Apr 01 j 14:34	17° <b>≈</b> 22'16	
	-5755 Sep 18 j 07:41	0∘ <b>⊽</b>			-5752 Apr 11 j 22:02	0° <b>∀</b>	
evening max el	-5755 Oct 05 j 19:25	18° <b>≏</b> 42'10	47°29'28	max. Earth dist.	-5752 May 03 j 14:11	26° <b>)</b> 39′06	1.73287 AU
	-5755 Oct 17 j 07:51	0°M			-5752 May 06 j 07:20	$0^{\circ}\Upsilon$	
greatest brilliancy	-5755 Nov 15 j 07:17	20°M39'31	-4.9m				
asc. node	-5755 Nov 25 j 06:00	22°M51'40		superior conj	-5752 May 07 j 04:49	1° <b>Y</b> 06'18	-0°11'24
retrograde	-5755 Nov 26 j 00:00	22°M52'22		minimum elong	-5752 May 07 j 07:00	1° <b>Y</b> 13'04	0°11'19
evening set	-5755 Dec 11 j 06:25	18° <b>M</b> ₊08'17		behind sun begin	-5752 May 06 j 15:27	0°Y25'03	
min. Earth dist.	-5755 Dec 15 j 23:28		0.27893 AU	behind sun end	-5752 May 07 j 22:34	2° <b>Y</b> 01'06	
inferior conj	-5755 Dec 17 j 00:24	14°M35'35		asc. node	-5752 May 12 j 01:57	7° <b>Ƴ</b> 07'59	
minimum elong	-5755 Dec 16 j 15:46	14°M49'21			-5752 May 30 j 13:06	0°8	
morning rise	-5755 Dec 22 j 01:52	11°M28'01		evening rise	-5752 Jun 11 j 20:40	15° <b>8</b> 17'56	
direct	-5754 Jan 06 j 19:08	6°M33'03		C	-5752 Jun 23 j 16:07	0° <b>I</b> I	
greatest brilliancy	-5754 Jan 15 j 15:08	8°M00'22	-4.8m		-5752 Jul 17 j 17:52	0°9	
,	-5754 Feb 17 j 11:47	0° <b>∡</b> ¹			-5752 Aug 10 j 20:23	$0^{\circ}\Omega$	
morning max el	-5754 Feb 24 j 16:07	6° <b>∡</b> ³39'28	45°56'57	desc. node	<b>C</b> 3		
desc. node	-5754 Mar 17 j 11:02	27° <b>∡</b> ¹40'38		ucsc. Houc	-5752 Sep 01 i 02:30	26° <b>Ω</b> 19'39	
		2/°X'40'38		desc. Hode	-5752 Sep 01 j 02:30 -5752 Sep 04 j 01:56	26° <b>Ω</b> 19'39 0° <b>™</b>	
	-			desc. node	-5752 Sep 04 j 01:56	26° <b>Ω</b> 19'39 0° <b>™</b> 0° <b>•</b>	
	-5754 Mar 19 j 15:35	5°0		desc. node	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06	0 <b>் ⊽</b> 0 <b>் மி</b>	
	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25	ರ°0 š0		uese. Houe	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15	0° <b>L</b> 0° <b>L</b> 0°M	
	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46	ರ°0 %≈ %°0 %			-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55	0°₹ 0°™ 0°™	46°03'59
	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08	5°0 %≈ γ°0 γ°0 γ°0		evening max el	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42	0° ሺ 0° <u>ፍ</u> 0° ጤ 0° <b>ጾ</b> 29° <b>ጾ</b> 31'59	46°03'59
asc node	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33	0°兄 0°Ƴ 0°∺ 0°♂		evening max el	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56	0° M 0° Ω 0° M 0° औ 29° औ31'59 0° ♂	46°03'59
asc. node	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10	0°る 0°≈ 0°升 0°升 0°分 0°8 9°821'43		evening max el	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03	0° m 0° Ω 0° m 0° ¾ 29° ¾31'59 0° ♂ 6° ♂25'17	
	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36	0°る 0°≈ 0°光 0°℃ 0°℃ 0°℃ 9°821'43 0°Ⅱ	-3 9m	evening max el	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31	0° m 0° Ω 0° m 0° ¾ 29° ¾31'59 0° ♂ 6° ♂25'17 28° ♂54'05	46°03'59 -4.8m
asc. node greatest brilliancy	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39	0°ප 0°≈ 0°¥ 0°Y 0°S 9°S21'43 0°II 25°II31'04	-3.9m	evening max el asc. node greatest brilliancy	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39	0° m 0° Ω 0° m 0° ¾ 29° ¾31'59 0° ₹ 6° ₹25'17 28° ₹54'05 0° ≈	
greatest brilliancy	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54	0°ප 0°≈ 0°¥ 0°Y 0°Y 0°B 9°821'43 0°II 25°II31'04 0°ණ	-3.9m	evening max el	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41	0° m 0° ⊆ 0° m 0° ₹ 29° ₹31'59 0° ₹ 6° ₹25'17 28° ₹54'05 0° ≈ 1° ≈06'28	
	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10	0°ප 0°¥ 0°Y 0°Y 0°S 9°S21'43 0°II 25°II31'04 0°ණ 4°ණ16'33	-3.9m	evening max el asc. node greatest brilliancy retrograde	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 10 j 12:05	0° m 0° Ω 0° M 0° ¾ 29° ¾31'59 0° ₹ 6° ₹25'17 28° ₹54'05 0° ≈ 1° ≈06'28 30° ₹₹	
greatest brilliancy	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54	0°ප 0°≈ 0°¥ 0°Y 0°Y 0°B 9°821'43 0°II 25°II31'04 0°ණ	-3.9m	evening max el asc. node greatest brilliancy retrograde evening set	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30	0° m 0° Ω 0° M 0° ¾ 29° ¾31'59 0° ੴ 6° ੴ25'17 28° ੴ54'05 0° ≈ 1° ≈06'28 30° № 25° ♂06'03	-4.8m
greatest brilliancy morning set	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24	0°న 0°న 0°గ 0°గ 0°8 9°821'43 0°II 25°II31'04 0°9 4°916'33 0°Ω		evening max el asc. node greatest brilliancy retrograde evening set inferior conj	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Feb 03 j 02:41 -5751 Feb 10 j 12:05 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03	0° m 0° Ω 0° M 0° ¾ 29° ¾31'59 0° ₹ 6° ₹25'17 28° ₹54'05 0° ≈ 1° ≈06'28 30° ₹ 25° ₹06'03 22° ₹43'20	-4.8m 7°56'26
greatest brilliancy morning set superior conj	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24	0°ප 0°≈ 0°¥ 0°Y 0°B 9°821'43 0°II 25°II31'04 0°ණ 4°©16'33 0°Ω	0°58'15	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Feb 03 j 02:41 -5751 Feb 10 j 12:05 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59	0° m, 0° Ω 0° M. 0° ¾ 29° ¾31'59 0° ♂ 6° ♂25'17 28° ♂54'05 0° ≈ 1° ≈06'28 30° R♂ 25° ♂06'03 22° ♂37'01	-4.8m 7°56'26 7°55'52
greatest brilliancy morning set	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Sep 30 j 08:18	0°₹ 0°₩ 0°₩ 0°₩ 0°₩ 9°₹21'43 0°Ⅲ 25°Ⅱ31'04 0°\$ 4°\$16'33 0°Ω 25°Ω28'03 26°Ω04'47		evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Feb 03 j 02:41 -5751 Feb 10 j 12:05 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26	0° m 0° n 0° n 0° n 29° x 31'59 0° 5 6° 525'17 28° 554'05 0° ≈ 1° ≈06'28 30° k 5 25° 506'03 22° 543'20 22° 537'01 22° 536'18	-4.8m 7°56'26
greatest brilliancy morning set superior conj minimum elong	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Sep 30 j 19:57 -5754 Oct 03 j 22:34	0°중 0°≈ 0°भ 0°भ 0°४ 9°४21'43 0°Ⅲ 25°Ⅱ31'04 0°ङ 4°©16'33 0°Ω 25°Ω28'03 26°Ω04'47 0°™	0°58'15 0°58'04	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35	0° m 0° n 0° n 0° n 29° x³31'59 0° 5 6° 525'17 28° 554'05 0° ≈ 1° ≈06'28 30° n 25° 506'03 22° 543'20 22° 537'01 22° 536'18 20° 508'35	-4.8m 7°56'26 7°55'52
greatest brilliancy morning set superior conj	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Oct 03 j 22:34 -5754 Oct 04 j 10:55	0°₹ 0°₩ 0°₩ 0°₩ 0°₩ 9°₩21'43 0°Ⅲ 25°Ⅲ31'04 0°\$ 4°\$16'33 0°Ω 25°Ω28'03 26°Ω04'47 0°™ 0°™	0°58'15	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35 -5751 Mar 18 j 08:00	0° m 0° n 0° n 0° n 2° x³31'59 0° t 6° t 25° t 554'05 0° ≈ 1° ≈06'28 30° n 25° t 30° n 22° t 33'01 22° t 33'101 22° t 36'18 20° t 36'18 20° t 31'4'31	-4.8m 7°56'26 7°55'52 0.29472 AU
greatest brilliancy morning set superior conj minimum elong max. Earth dist.	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Oct 03 j 22:34 -5754 Oct 04 j 10:55 -5754 Oct 27 j 19:34	0°₹ 0°¥ 0°Y 0°\$ 9°\$21'43 0°II 25°I31'04 0°\$ 4°\$16'33 0°\$ 25°\$\Omega 28'03 26°\$\Omega 004'47 0°\$\Omega 00\$ 0°\$\Omega 38'56 0°\$\Omega 00\$	0°58'15 0°58'04	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35 -5751 Mar 18 j 08:00 -5751 Mar 28 j 03:39	0° m 0° n 0° n 0° n 29° x³31'59 0° t 6° t 25° t 28° t 54'05 0° t 1° ≈06'28 30° r 22° t 30° r 22° t 37'01 22° t 36'18 20° t 30' t 31' t 31	-4.8m 7°56'26 7°55'52
greatest brilliancy morning set superior conj minimum elong max. Earth dist. desc. node	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Oct 03 j 22:34 -5754 Oct 04 j 10:55 -5754 Oct 27 j 19:34 -5754 Oct 28 j 01:43	0°₹ 0°% 0°¥ 0°Y 0°8 9°821'43 0°Ⅲ 25°Ⅲ31'04 0°\$ 4°\$16'33 0°Ω 25°\$\Omega_28'03 26°\Omega_04'47 0°™ 0°™\38'56 0°\Omega_0°\Omega_19'16	0°58'15 0°58'04	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35 -5751 Mar 18 j 08:00 -5751 Mar 28 j 03:39 -5751 Apr 13 j 21:53	0° m 0° n 0° n 0° n 0° n 29° x³31'59 0° 5 6° 525'17 28° 554'05 0° ≈ 1° ≈06'28 30° n 22° 543'20 22° 543'20 22° 537'01 22° 536'18 20° 508'35 14° 514'33 15° 559'12 25° 507'33	-4.8m 7°56'26 7°55'52 0.29472 AU
greatest brilliancy morning set superior conj minimum elong max. Earth dist.	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 19:57 -5754 Oct 03 j 22:34 -5754 Oct 04 j 10:55 -5754 Oct 27 j 19:34 -5754 Oct 28 j 01:43 -5754 Nov 12 j 06:11	0°% 0°% 0°% 0°% 0°% 0°% 0°% 0°% 0°% 1 25°II31'04 0°% 4°%16'33 0°Ω 25°Ω28'03 26°Ω04'47 0°™ 0°™38'56 0°Ω 0°№19'16 19°№18'22	0°58'15 0°58'04	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy desc. node	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35 -5751 Mar 18 j 08:00 -5751 Mar 28 j 03:39 -5751 Apr 13 j 21:53 -5751 Apr 20 j 08:12	0°™ 0°™ 0°™ 29°¾31'59 0°♂ 6°♂25'17 28°♂54'05 0°≈ 1°≈06'28 30°₨♂ 25°♂06'03 22°♂37'01 22°♂36'18 20°♂08'35 14°♂14'33 15°♂59'12 25°♂07'33 0°≈	-4.8m 7°56'26 7°55'52 0.29472 AU -4.7m
greatest brilliancy morning set superior conj minimum elong max. Earth dist. desc. node	-5754 Mar 19 j 15:35 -5754 Apr 15 j 20:25 -5754 May 11 j 18:46 -5754 Jun 05 j 22:08 -5754 Jun 30 j 11:33 -5754 Jul 08 j 01:10 -5754 Jul 24 j 14:36 -5754 Aug 13 j 21:39 -5754 Aug 17 j 10:54 -5754 Aug 20 j 20:10 -5754 Sep 10 j 04:24 -5754 Sep 30 j 08:18 -5754 Oct 03 j 22:34 -5754 Oct 04 j 10:55 -5754 Oct 27 j 19:34 -5754 Oct 28 j 01:43	0°₹ 0°% 0°¥ 0°Y 0°8 9°821'43 0°Ⅲ 25°Ⅲ31'04 0°\$ 4°\$16'33 0°Ω 25°\$\Omega_28'03 26°\Omega_04'47 0°™ 0°™\38'56 0°\Omega_0°\Omega_19'16	0°58'15 0°58'04	evening max el asc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy	-5752 Sep 04 j 01:56 -5752 Sep 28 j 13:06 -5752 Oct 23 j 10:15 -5752 Nov 18 j 03:55 -5752 Dec 15 j 14:42 -5752 Dec 16 j 01:56 -5752 Dec 22 j 17:03 -5751 Jan 23 j 03:31 -5751 Jan 26 j 10:39 -5751 Feb 03 j 02:41 -5751 Feb 20 j 18:30 -5751 Feb 24 j 13:03 -5751 Feb 24 j 16:59 -5751 Feb 24 j 17:26 -5751 Feb 28 j 15:35 -5751 Mar 18 j 08:00 -5751 Mar 28 j 03:39 -5751 Apr 13 j 21:53	0° m 0° n 0° n 0° n 0° n 29° x³31'59 0° 5 6° 525'17 28° 554'05 0° ≈ 1° ≈06'28 30° n 22° 543'20 22° 543'20 22° 537'01 22° 536'18 20° 508'35 14° 514'33 15° 559'12 25° 507'33	-4.8m 7°56'26 7°55'52 0.29472 AU

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 31 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi	cal year style is used: Th	e year -5899 i	n astronomical cou	nting style is the year	5900 BCE in historical c	ounting style.	
	-5751 Jun 18 j 08:53	$0$ ° $\mathbf{Y}$		asc. node	-5748 Jan 20 j 04:31	29° <b>る</b> 39'08	
	-5751 Jul 13 j 23:21	$9^{\circ}$ 8			-5748 Jan 20 j 11:55	0° <b>≈</b>	
asc. node	-5751 Aug 04 j 13:30	26° <b>8</b> 12'41			-5748 Feb 17 j 09:50	0° <b>∀</b>	
	-5751 Aug 07 j 15:23	$\Pi$ $^{\circ}$ 0		evening max el	-5748 Feb 25 j 09:05	7° <b>)</b> 49′13	45°03'47
	-5751 Aug 31 j 18:12	0°€			-5748 Mar 23 j 21:20	0° <b>Υ</b>	
	-5751 Sep 24 j 14:36	0° <b>N</b>		greatest brilliancy	-5748 Apr 02 j 23:51	4°Υ55'20	-4.7m
	-5751 Oct 18 j 09:57	0° M)		retrograde	-5748 Apr 13 j 11:30	6° <b>℃</b> 53'01	
morning set	-5751 Nov 05 j 15:32	22° m 54'06		evening set	-5748 Apr 28 j 14:41	2° <b>Υ</b> 33'27	
1 1-	-5751 Nov 11 j 07:36	0° <b>ი</b>		::	-5748 May 03 j 01:11	30° <b>₹</b> ₩	1920105
desc. node	-5751 Nov 24 j 14:28 -5751 Dec 05 j 08:51	16° <b>£</b> 35'40 0° <b>M</b>		inferior conj	-5748 May 04 j 20:24	28°\(\frac{1}{28}\)53'57 28°\(\frac{1}{4}\)8'57	
	-3/31 Dec 03 J 08.31	U IIG		minimum elong min. Earth dist.	-5748 May 04 j 23:39 -5748 May 05 j 17:26	28° <del>X</del> 4837 28° <del>X</del> 21'37	
superior conj	-5751 Dec 17 j 16:32	15° <b>M</b> .17'43	-0°49'36	morning rise	-5748 May 11 j 07:41	25° <b>X</b> 04'11	0.20033 AC
minimum elong	-5751 Dec 17 j 06:11	14°M45'40		desc. node	-5748 May 11 j 08:51	25°\(\frac{11}{02'36}\)	
max. Earth dist.	-5751 Dec 21 j 23:58		1.72465 AU	direct	-5748 May 26 j 13:21	20° <b>₩</b> 37'58	
man zam ust.	-5751 Dec 29 j 13:28	0° <b>⊼</b> ¹	1.72.00110	greatest brilliancy	-5748 Jun 06 j 22:10	22° <b>\</b> 56'09	-4.8m
	-5750 Jan 22 j 20:51	5°0		8	-5748 Jun 19 j 20:29	0° <b>Υ</b>	
evening rise	-5750 Jan 26 j 04:30	4° <b>ප</b> 05'10		morning max el	-5748 Jul 15 j 07:58	21° <b>Y</b> ′50'21	46°25'23
C	-5750 Feb 16 j 07:02	0° <b>≈</b>		C	-5748 Jul 23 j 08:58	0°8	
	-5750 Mar 12 j 20:55	0° <b>∀</b>			-5748 Aug 19 j 12:28	$\Pi^{\circ}0$	
asc. node	-5750 Mar 17 j 02:38	5° <b>)</b> €08'53		asc. node	-5748 Sep 01 j 01:21	14° <b>Ⅱ</b> 42'52	
	-5750 Apr 06 j 15:53	$0$ ° $\mathbf{Y}$			-5748 Sep 13 j 18:50	$0$ $\circ$ $\odot$	
	-5750 May 01 j 17:47	$9^{\circ}$ 8			-5748 Oct 08 j 05:48	$0^{\circ}\Omega$	
	-5750 May 27 j 05:52	$\Pi$ °0			-5748 Nov 01 j 09:43	0° <b>™</b>	
	-5750 Jun 22 j 12:05	$0$ $\circ$			-5748 Nov 25 j 13:24	0∘ <b>⊽</b>	
desc. node	-5750 Jul 07 j 04:47	16°506'40			-5748 Dec 19 j 19:38	0°M₊	
	-5750 Jul 20 j 12:26	$0$ $\circ$ $\Omega$		desc. node	-5748 Dec 22 j 03:17	2°M51'37	
evening max el	-5750 Jul 23 j 08:21	2° <b>Ω</b> 50′00	47°14'21		-5747 Jan 13 j 04:25	0° <b>∡</b> ¹	
	-5750 Aug 25 j 08:22	0° m/y		morning set	-5747 Jan 20 j 08:59	8° <b>∡</b> 750'11	
greatest brilliancy	-5750 Sep 02 j 15:50	3° Mp 47'24	-4.9m		-5747 Feb 06 j 14:37	0°₹	
retrograde	-5750 Sep 11 j 19:59	5° m 23'05			5747 5 1 27:06 27	25072200	1010105
evening set	-5750 Sep 27 j 20:46	0° Mp 22'01		superior conj	-5747 Feb 27 j 06:37	25° <b>る</b> 22'03	
inforior coni	-5750 Sep 28 j 12:02	30°R <b>Ω</b>	5050120	minimum elong	-5747 Feb 27 j 11:32	25° <b>る</b> 37'08	
inferior conj minimum elong	-5750 Oct 02 j 10:20 -5750 Oct 02 j 20:50	27° <b>Ω</b> 37'36 27° <b>Ω</b> 21'28		max. Earth dist.	-5747 Feb 26 j 24:00 -5747 Mar 03 j 01:12	25° <b>6</b> 01′45 0° <b>≈</b>	1.73681 AU
min. Earth dist.	-5750 Oct 02 j 20:30		0.26457 AU		-5747 Mar 03 j 01:12 -5747 Mar 27 j 11:48	0° <b>∺</b>	
morning rise	-5750 Oct 02 j 09:04 -5750 Oct 07 j 21:01	$24^{\circ}\Omega 24'17$	0.20437 AU	evening rise	-5747 Mar 27 j 11:48	9° <b>∺</b> 49'10	
direct	-5750 Oct 22 j 15:27	20°Ω02'54		asc. node	-5747 Apr 13 j 15:14	21° <b>X</b> 02'20	
asc. node	-5750 Oct 27 j 21:10	20° <b>Ω</b> 35'31		use. Houe	-5747 Apr 20 j 22:28		
greatest brilliancy	-5750 Nov 01 j 17:40	21° <b>Ω</b> 59'38	-4.9m		-5747 May 15 j 09:28	0°8	
<i>5</i>	-5750 Nov 16 j 00:40	0° m/			-5747 Jun 08 j 21:31	0°II	
morning max el	-5750 Dec 11 j 19:34	22° m 45'56	46°30'38		-5747 Jul 03 j 12:13	0° <b>©</b>	
	-5750 Dec 18 j 21:38	0∘ <b>⊽</b>			-5747 Jul 28 j 08:40	$0^{\circ}\Omega$	
	-5749 Jan 15 j 11:49	$0^{\circ}$ M		desc. node	-5747 Aug 03 j 16:28	7° <b>Ω</b> 33'28	
	-5749 Feb 10 j 18:23	0° <b>∡</b> ¹			-5747 Aug 22 j 16:43	0° <b>m</b> )	
desc. node	-5749 Feb 17 j 01:41	7° <b>∡</b> 19'05			-5747 Sep 18 j 01:47	0∘ <b>⊽</b>	
	-5749 Mar 08 j 10:23	0° <b>ට</b>		evening max el	-5747 Oct 03 j 11:19	16° <b>≏</b> 23'21	47°31'20
	-5749 Apr 02 j 16:21	0° <b>≈</b>			-5747 Oct 17 j 12:24	0°M₊	
	-5749 Apr 27 j 13:38	0° <b>∀</b>		greatest brilliancy	-5747 Nov 12 j 23:12	18°M20'01	-4.9m
	-5749 May 22 j 02:57	0° <b>Υ</b>		retrograde	-5747 Nov 23 j 16:14	20°M33'10	
morning set	-5749 Jun 08 j 07:27	21°Υ13'13		asc. node	-5747 Nov 24 j 08:10	20°M32'37	
asc. node	-5749 Jun 09 j 14:44	22° <b>Y</b> 50′13		evening set	-5747 Dec 08 j 19:52	15°M52'00	0.07015 444
	-5749 Jun 15 j 09:08	0° <b>B</b>		min. Earth dist.	-5747 Dec 13 j 14:20	12°M57'14	0.27815 AU
may Earth dist	-5749 Jul 09 j 09:33	0°Ⅱ 2°Ⅲ20/55	1 71600 ATT	inferior conj	-5747 Dec 14 j 15:39	12°M 17'01	4°40'47 4°38'28
max. Earth dist.	-5749 Jul 11 j 09:40	2 щ3033	1.71600 AU	minimum elong morning rise	-5747 Dec 14 j 07:16	12°M30'21	4 36 26
superior conj	-5749 Jul 15 j 05:33	7° <b>Ⅱ</b> 19'18	1°10'29	direct	-5747 Dec 19 j 19:30 -5746 Jan 04 j 09:50	9°ጤ06'34 4°ጤ15'41	
minimum elong	-5749 Jul 14 j 21:03	6° <b>I</b> 52'38		greatest brilliancy	-5746 Jan 13 j 05:32	5°M43'21	-4.8m
minimum clong	-5749 Aug 02 j 06:18	0°9	. 1033	5 carest of maney	-5746 Feb 17 j 13:39	0° <b>⊼</b>	1.0111
evening rise	-5749 Aug 22 j 19:13	25°952'03		morning max el	-5746 Feb 22 j 08:14	4° <b>∡</b> 128'37	45°57'47
6	-5749 Aug 26 j 02:01	0° <b>Ω</b>		desc. node	-5746 Mar 16 j 13:01	27° <b>×</b> <sup>7</sup> 00'34	
	-5749 Sep 18 j 23:09	0° <b>m</b>			-5746 Mar 19 j 08:17	0°る	
desc. node	-5749 Sep 29 j 14:58	13° m/20'20			-5746 Apr 15 j 10:12	0° <b>≈</b>	
	-5749 Oct 12 j 23:29	0∘ <del>⊽</del>			-5746 May 11 j 07:13	0° <b>∀</b>	
	-5749 Nov 06 j 04:20	0°M			-5746 Jun 05 j 09:54	$0^{\circ}$ Y	
	-5749 Nov 30 j 15:47	0°⊀			-5746 Jun 29 j 22:59	$9^{\circ}$ 8	
	-5749 Dec 25 j 14:44	0°ප		asc. node	-5746 Jul 07 j 03:25	8° <b>8</b> 53'25	

,	ical year style is used: Th		•	//		/ 1 .	50 32
rittention, astronom	-5746 Jul 24 j 01:53	0° <b>Ⅱ</b>	in astronomical co	greatest brilliancy	-5743 Jan 20 j 21:25	26° <b>る</b> 46'43	-4.8m
greatest brilliancy	-5746 Aug 13 j 05:21	25° <b>Ⅱ</b> 19'51	-3 9m	retrograde	-5743 Jan 31 j 19:34	28°පි58'40	
greatest orimaney	-5746 Aug 16 j 22:09	0°95	5.7111	evening set	-5743 Feb 18 j 12:42	22° <b>ろ</b> 56'50	
morning set	-5746 Aug 18 j 08:43	1°5549'04		inferior conj	-5743 Feb 22 j 06:21	20° <b>ට</b> 35'16	8°00'39
morning set	-5746 Sep 09 j 15:41	0°Ω		minimum elong	-5743 Feb 22 j 09:40	20°පි29'57	8°00'08
	-3740 Sep 07 j 13.41	0 06		min. Earth dist.	-5743 Feb 22 j 09:40	20° <b>る</b> 29'57	0.29456 AU
superior conj	-5746 Sep 27 j 17:26	22° <b>Ω</b> 49'52	1001/03	morning rise	-5743 Feb 26 j 06:44	18°る03'28	0.29430 AU
minimum elong	-5746 Sep 28 j 05:03	$23^{\circ}\Omega 26'28$	1°00'54	direct	-5743 Mar 16 j 00:38	18 <b>3</b> 05 28	
max. Earth dist.	-5746 Oct 01 j 17:38	27° <b>Ω</b> 53'11	1.70886 AU	greatest brilliancy	-5743 Mar 25 j 19:04	13°る50'07	-4.7m
max. Lartii dist.	-5746 Oct 03 j 09:52	0° m)	1.70000 AC	desc. node	-5743 Apr 13 j 00:03	24°පි00'01	- <del>4</del> ./III
desc. node	-5746 Oct 27 j 03:45	29° Mp 50'12		desc. Hode	-5743 Apr 13 j 00:03	24 000 01 0°≈	
desc. flode	-5746 Oct 27 j 06:53	0∘ <b>⊽</b>		morning max el	-5743 May 03 j 21:21	0 ∞ 11°≈53'44	45°54'10
evening rise	-5746 Nov 09 j 14:59	0 <del>=</del> 16° <b>£</b> 40'46		morning max ci	-5743 May 21 j 19:53	0° <b>)</b>	43 34 10
evening rise	-5746 Nov 20 j 07:32	0°M			-5743 Jun 17 j 23:13	0°Υ	
	-5746 Dec 14 j 12:09	0° <b>⊼</b> ¹			-5743 Jul 17 j 23:13	0°8	
	-5745 Jan 07 j 21:42	0°る		asc. node	-5743 Aug 03 j 15:41	25° <b>8</b> 41'42	
	-5745 Feb 01 j 14:42	0°≈		asc. node	-5743 Aug 03 j 13.41	0°Ⅱ	
aga mada	-5745 Feb 16 j 16:26	0 <b>≈</b> 18° <b>≈</b> 01'49			-5743 Aug 07 j 05:34 -5743 Aug 31 j 06:02	0ಂಣ ೧ π	
asc. node	3	18 <b>≈</b> 0149 0° <b>∺</b>			• •	0° <b>U</b>	
	-5745 Feb 26 j 19:36 -5745 Mar 24 j 19:46	0 K 0°Υ			-5743 Sep 24 j 02:16 -5743 Oct 17 j 21:29	0°my	
	•	0°B			·		
	-5745 Apr 21 j 07:09	_	45020110	morning set	-5743 Nov 03 j 01:10	20° m 17'50	
evening max el	-5745 May 08 j 03:17	16° <b>8</b> 54'45	45 38 19	JJ.	-5743 Nov 10 j 19:03	0° <b>⊽</b>	
	-5745 May 22 j 19:01	0°II		desc. node	-5743 Nov 23 j 16:40	16° <b>Ω</b> 06'53	
desc. node	-5745 Jun 08 j 19:52	11° <b>Ⅱ</b> 50'12	4.0		-5743 Dec 04 j 20:14	0° <b>M</b> ₊	
greatest brilliancy	-5745 Jun 16 j 10:26	15° <b>Ⅱ</b> 11'37	-4.8m		5742 D 15:02 46	120M 40127	0046124
retrograde	-5745 Jun 26 j 05:30	16° <b>Ⅱ</b> 54'41		superior conj	-5743 Dec 15 j 03:46	12°M48'36	
evening set	-5745 Jul 12 j 14:27	11° <b>I</b> I53'16	7042124	minimum elong	-5743 Dec 14 j 17:41	12°M17'20	
inferior conj	-5745 Jul 17 j 03:10	9° <b>Ⅱ</b> 13'29		max. Earth dist.	-5743 Dec 19 j 14:57	18°M20'51	1.72401 AU
minimum elong	-5745 Jul 16 j 17:52	9° <b>Ⅱ</b> 27'29			-5743 Dec 29 j 00:46	0° <b>∡</b> ¹	
min. Earth dist.	-5745 Jul 17 j 06:44	9° <b>Ⅱ</b> 08'07	0.27250 AU		-5742 Jan 22 j 08:06	0°る	
morning rise	-5745 Jul 20 j 21:05	7° <b>I</b> I00'10		evening rise	-5742 Jan 23 j 19:29	1° <b>る</b> 48'57	
direct	-5745 Aug 07 j 01:41	1° <b>Ⅱ</b> 27'19	4.0		-5742 Feb 15 j 18:20	0° <b>≈</b> 0° <b>)</b> €	
greatest brilliancy	-5745 Aug 17 j 21:07	3° <b>Ⅱ</b> 38'16	-4.9m	1-	-5742 Mar 12 j 08:26		
	-5745 Sep 22 j 00:36	0°95	46040157	asc. node	-5742 Mar 16 j 04:41	4° <b>)</b> 40′00 0° <b>Υ</b>	
morning max el	-5745 Sep 26 j 19:10	4°5548'04	46°49'5/		-5742 Apr 06 j 03:52		
asc. node	-5745 Sep 29 j 12:27	7°936'37			-5742 May 01 j 06:35	0°B	
	-5745 Oct 19 j 23:29	0° <b>N</b>			-5742 May 26 j 20:03	0°II	
	-5745 Nov 14 j 16:54	0° <b>m</b> )		1 1-	-5742 Jun 22 j 04:52	0°95	
	-5745 Dec 09 j 17:57	ი∘ <b>ო</b> 0∘ <b>⊽</b>		desc. node	-5742 Jul 06 j 07:03	15°©21'16	
desc. node	-5744 Jan 03 j 14:34	0° <b>ጤ</b> 19° <b>ጤ</b> 24'07		avanina may al	-5742 Jul 20 j 11:46 -5742 Jul 20 j 20:07	0° <b>Ω</b> 0° <b>Ω</b> 20'44	47011141
desc. node	-5744 Jan 19 j 15:48	19 IIG2407 0° <b>√</b> 1		evening max el	·		4/ 1141
	-5744 Jan 28 j 10:05 -5744 Feb 22 j 04:21	0°る		araataat brillianav	-5742 Aug 27 j 20:19	0°Mp 1°Mp18'13	-4.9m
	-5744 Mar 17 j 20:17	0°≈		greatest brilliancy retrograde	-5742 Aug 31 j 05:26 -5742 Sep 09 j 07:45	2° Mp 52'43	-4.9111
morning set	-5744 Mar 30 j 09:40	0 ≈ 15°≈20'07		renograde	-5742 Sep 09 j 07:43	2 11√3243 30°RΩ	
morning set	-5744 Mar 30 j 09:40	0° <b>∺</b>		evening set	-5742 Sep 25 j 12:22	27°Ω47'10	
max. Earth dist.	-5744 Apr 11 j 09:03	24° <b>∺</b> 38'01	1.73325 AU	inferior conj	-5742 Sep 29 j 22:42	$25^{\circ}\Omega07'52$	6016121
max. Earth dist.	-3/44 May 01 J 09.30	24 /(3001	1.73323 AU	minimum elong	-5742 Sep 29 j 22:42 -5742 Sep 30 j 09:20	$23^{\circ} 00732$ $24^{\circ} \Omega 51'35$	
superior conj	-5744 May 05 j 00:11	29° <b>∺</b> 04'11	0°14'21	min. Earth dist.	-5742 Sep 29 j 22:33	25°Ω08'06	0.26462 AU
minimum elong	-5744 May 05 j 00:11	29° <del>X</del> 12'40		morning rise	-5742 Sep 29 j 22.33	23 <b>δι</b> 08 00 21° <b>Ω</b> 58'57	0.20702 AU
behind sun begin	-5744 May 04 j 17:20	28° <b>)</b> (1240	0 14 10	direct	-5742 Oct 20 j 03:24	17° <b>Ω</b> 33'00	
behind sun end	-5744 May 05 j 12:32	29° <b>)</b> 42'17		asc. node	-5742 Oct 26 j 23:24	18° <b>Ω</b> 27'52	
belling sun eng	-5744 May 05 j 12:32	2° <b>Υ</b>		greatest brilliancy	-5742 Oct 30 j 07:51	19° <b>Ω</b> 31'40	-4.9m
asc. node	-5744 May 11 j 04:08	6° <b>Υ</b> '40'49		greatest orimaney	-5742 Nov 16 j 21:19	0° m)	4.7III
asc. node	-5744 May 30 j 00:08	0°8		morning max el	-5742 Dec 09 j 08:42	20° mg 19'41	46°31'48
evening rise	-5744 Jun 09 j 15:22	13° <b>8</b> 12'17		morning max er	-5742 Dec 18 j 18:24	0° <b>ت</b>	40 31 40
evening rise	-5744 Jun 23 j 03:21	0°П			-5741 Jan 15 j 03:42	0° <b>™</b>	
	-5744 Jul 17 j 05:23	0°©			-5741 Feb 10 j 08:08	0° <b>∡</b> 7	
	-5744 Aug 10 j 08:16	0° <b>U</b>		desc. node	-5741 Feb 16 j 03:43	6° <b>∡</b> ¹45'56	
desc. node	-5744 Aug 31 j 04:31	25° <b>Ω</b> 48'02			-5741 Mar 07 j 22:58	0°る	
	-5744 Sep 03 j 14:17	0° m)			-5741 Apr 02 j 04:12	0° <b>≈</b>	
	-5744 Sep 28 j 02:04	0∘ <b>⊽</b>			-5741 Apr 27 j 01:03	0° <b>)</b> €	
	-5744 Oct 23 j 00:15	0° <b>m</b> .			-5741 May 21 j 14:10	0°Υ	
	-5744 Nov 17 j 20:01	0° <b>∡</b> ¹		morning set	-5741 Jun 06 j 01:15	19° <b>Y</b> 05'03	
evening max el	-5744 Dec 13 j 05:43	27° <b>х</b> 15'16	46°07'11	asc. node	-5741 Jun 08 j 16:56	22° <b>Y</b> '22'26	
<i>5</i>	-5744 Dec 16 j 00:13	0°ਰ	•		-5741 Jun 14 j 20:17	0°8	
asc. node	-5744 Dec 21 j 19:21	5° <b>පි</b> 32'01			-5741 Jul 08 j 20:44	0°II	
	<i>j</i>						

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 33 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	nical year style is used: Th	ie year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
max. Earth dist.	-5741 Jul 09 j 01:13	0° <b>Ⅱ</b> 14'04	1.71658 AU	minimum elong	-5739 Dec 11 j 22:44	10°Ml10'52	4°21'06
				morning rise	-5739 Dec 17 j 12:59	6° <b>M</b> 44'45	
superior conj	-5741 Jul 12 j 21:22	5° <b>Ⅱ</b> 03'11	1°08'37	direct	-5738 Jan 02 j 00:43	1°M58'14	
minimum elong	-5741 Jul 12 j 12:40	4° <b>Ⅱ</b> 35'50	1°08'41	greatest brilliancy	-5738 Jan 10 j 19:32	3°M25'36	-4.8m
	-5741 Aug 01 j 17:33	0ංම			-5738 Feb 17 j 14:18	0° <b>∡</b>	
evening rise	-5741 Aug 20 j 07:09	23° <b>©</b> 22'51		morning max el	-5738 Feb 19 j 23:55	2° <b>х</b> 16′30	45°58'25
	-5741 Aug 25 j 13:23	$0$ $^{\circ}$ $\Omega$		desc. node	-5738 Mar 15 j 15:12	26° <b>х</b> 21′06	
	-5741 Sep 18 j 10:41	0° <b>m</b> )			-5738 Mar 19 j 00:47	5°0	
desc. node	-5741 Sep 28 j 17:03	12° <b>m</b> 50'34			-5738 Apr 14 j 23:59	0° <b>≈</b>	
	-5741 Oct 12 j 11:13	0∘ <b>⊽</b>			-5738 May 10 j 19:43	0° <b>∀</b>	
	-5741 Nov 05 j 16:20	0° <b>M</b>			-5738 Jun 04 j 21:43	$0^{\circ}$ Y	
	-5741 Nov 30 j 04:13	0° <b>∡</b> ¹			-5738 Jun 29 j 10:26	0°8	
	-5741 Dec 25 j 04:00	8°0		asc. node	-5738 Jul 06 j 05:32	8° <b>8</b> 24'39	
asc. node	-5740 Jan 19 j 06:39	29° <b>る</b> 02'44			-5738 Jul 23 j 13:09	$\Pi$ $^{\circ}0$	
	-5740 Jan 20 j 03:02	0° <b>≈</b>		greatest brilliancy	-5738 Aug 12 j 05:24	24° <b>∏</b> 44'38	-3.9m
	-5740 Feb 17 j 06:04	0° <b>∀</b>		morning set	-5738 Aug 15 j 21:17	29° <b>Ⅲ</b> 21'52	
evening max el	-5740 Feb 23 j 00:38	5° <b>)</b> 37'47	45°04'30		-5738 Aug 16 j 09:22	$0$ $\circ$ $\odot$	
	-5740 Mar 25 j 09:37	$0^{\circ}$ $\Upsilon$			-5738 Sep 09 j 02:55	$0^{\circ}\Omega$	
greatest brilliancy	-5740 Mar 31 j 14:24	2° <b>Y</b> '44'09	-4.7m				
retrograde	-5740 Apr 11 j 03:42	4° <b>Ƴ</b> 42'59		superior conj	-5738 Sep 25 j 02:50	20° <b>Ω</b> 12'33	1°03'41
evening set	-5740 Apr 26 j 07:53	0° <b>Υ</b> 20'46		minimum elong	-5738 Sep 25 j 14:16	20° <b>Ω</b> 48'39	1°03'35
C	-5740 Apr 26 j 23:07	30° <b>Ŗ</b> ₩		max. Earth dist.	-5738 Sep 28 j 22:24		1.70861 AU
inferior conj	-5740 May 02 j 12:09	26° <b>)</b> 42'48	1°49'21		-5738 Oct 02 j 21:09	0° m)	
minimum elong	-5740 May 02 j 16:04	26° <b>)</b> 36'47		desc. node	-5738 Oct 26 j 05:56	29° <b>m</b> 21'41	
min. Earth dist.	-5740 May 03 j 09:13	26° <b>¥</b> 10′25			-5738 Oct 26 j 18:10	0∘ <b>⊽</b>	
morning rise	-5740 May 08 j 23:25	22° <b>¥</b> 53′08		evening rise	-5738 Nov 06 j 23:44	14° <b>Ω</b> 02'59	
desc. node	-5740 May 10 j 11:03	22° <b>米</b> 06'19		evening rise	-5738 Nov 19 j 18:49	0°M	
direct	-5740 May 24 j 05:53	18° <b>\(\frac{1}{25'51}\)</b>			-5738 Dec 13 j 23:29	0° <b>₹</b>	
greatest brilliancy	-5740 Jun 04 j 13:52	20°\(\frac{7}{43'42}\)	-4 8m		-5737 Jan 07 j 09:12	0°ਰ	
greatest orimaney	-5740 Jun 20 j 15:16	0°Υ	1.0111		-5737 Feb 01 j 02:37	0° <b>≈</b>	
morning max el	-5740 Jul 13 j 00:31	19° <b>Ƴ</b> 37'22	46°24'09	asc. node	-5737 Feb 15 j 18:28	17° <b>≈</b> 31'15	
morning max er	-5740 Jul 23 j 04:37	0°8	40 24 07	use. Houe	-5737 Feb 26 j 08:23	0° <b>∀</b>	
	-5740 Aug 19 j 03:44	0°II			-5737 Mar 24 j 10:19	0°Υ	
asc. node	-5740 Aug 31 j 03:22	14° <b>Ⅱ</b> 06'27			-5737 Apr 21 j 01:50	0°8	
asc. nouc	-5740 Sep 13 j 08:21	0°95		evening max el	-5737 May 05 j 17:15	14° <b>8</b> 36'44	45035132
	-5740 Oct 07 j 18:25	0°€0		evening max ci	-5737 May 23 j 06:17	0°П	43 33 32
	-5740 Oct 31 j 21:49	0° <b>m</b> )		desc. node	-5737 Jun 07 j 22:07	10° <b>Ⅱ</b> 16'39	
	-5740 Nov 25 j 01:09	0∘ <del>ত</del> الأال		greatest brilliancy		10 <b>Ⅲ</b> 10 39 12° <b>Ⅲ</b> 48'51	1 9m
	-5740 Nov 23 j 01:09 -5740 Dec 19 j 07:07	0° <b>™</b>			-5737 Jun 13 j 22:35 -5737 Jun 23 j 17:31		-4.0111
desc. node	-5740 Dec 21 j 05:26	2°M22'56		retrograde evening set	-5737 Jul 23 j 17.31 -5737 Jul 09 j 23:19	9° <b>П</b> 36'14	
desc. flode	-5739 Jan 12 j 15:41	2 11G22 30 0° <b>√</b>		inferior conj	-5737 Jul 14 j 16:07	6° <b>П</b> 50'36	7°20'10
		6° <b>∡</b> ¹31'41				7° <b>П</b> 05'12	
morning set	-5739 Jan 17 j 23:07	0°る		minimum elong	-5737 Jul 14 j 06:25 -5737 Jul 14 j 20:09		0.27287 AU
	-5739 Feb 06 j 01:43	0.5		min. Earth dist.	-5737 Jul 18 j 13:17	6 Щ44 31 4°Щ32'20	0.27287 AU
aumorior comi	5720 Eab 25 : 00:00	23° <b>る</b> 14'40	1910/57	morning rise	3	4 H32 20 30°R <b>と</b>	
superior conj	-5739 Feb 25 j 00:09			J:4	-5737 Jul 28 j 18:41		
minimum elong	-5739 Feb 25 j 04:31	23° <b>る</b> 28'05		direct	-5737 Aug 04 j 15:05	29° <b>႘</b> 03'44 0° <b>Ⅱ</b>	
max. Earth dist.	-5739 Feb 24 j 21:30	23° <b>る</b> 06'33	1.73666 AU		-5737 Aug 11 j 15:24		4.0
	-5739 Mar 02 j 12:14	0° <b>≈</b> 0° <b>)</b> €		greatest brilliancy	-5737 Aug 15 j 11:23	1° <b>Ⅱ</b> 14'43	-4.9m
	-5739 Mar 26 j 22:51				-5737 Sep 22 j 00:49	0°©	46940141
evening rise	-5739 Apr 02 j 06:52	7° <b>)</b> (46'27		morning max el	-5737 Sep 24 j 07:13	2°518'00	46°49'41
asc. node	-5739 Apr 12 j 17:24	20° <b>)</b> (34'53		asc. node	-5737 Sep 28 j 14:45	6°5546'29	
	-5739 Apr 20 j 09:39	0°Υ •••			-5737 Oct 19 j 16:26	0° <b>N</b>	
	-5739 May 14 j 20:56	0°B			-5737 Nov 14 j 07:15	0° <b>m</b> 0° <b>0</b>	
	-5739 Jun 08 j 09:26	0°II			-5737 Dec 09 j 06:59	0∘ <b>亚</b>	
	-5739 Jul 03 j 00:48	0°©			-5736 Jan 03 j 02:45	0°M	
	-5739 Jul 27 j 22:15	0°N		desc. node	-5736 Jan 18 j 17:48	18°M54'24	
desc. node	-5739 Aug 02 j 18:28	6° <b>Ω</b> 58'07			-5736 Jan 27 j 21:42	0° <b>⊼</b>	
	-5739 Aug 22 j 07:56	0° m/			-5736 Feb 21 j 15:34	5°0	
	-5739 Sep 17 j 20:23	0° <b>⊽</b>	45022102		-5736 Mar 17 j 07:15	0° <b>≈</b>	
evening max el	-5739 Oct 01 j 03:52	14° <b>£</b> 05'59	47°33'03	morning set	-5736 Mar 28 j 04:38	13°≈18'10	
	-5739 Oct 17 j 19:00	0°M,		<u> </u>	-5736 Apr 10 j 19:52	0° <b>)</b> {	
greatest brilliancy	-5739 Nov 10 j 15:06	16°M00'20	-4.9m	max. Earth dist.	-5736 Apr 29 j 05:20	22° <b>)</b> (36′57	1.73368 AU
retrograde	-5739 Nov 21 j 08:31	18°M13'26					
asc. node	-5739 Nov 23 j 10:25	18° <b>M</b> ₊07'57		superior conj	-5736 May 02 j 19:24	27° <b>)</b> €02'09	
evening set	-5739 Dec 06 j 09:27	13°M35'19		minimum elong	-5736 May 02 j 22:42	27° <b>)</b> €12'18	0°17'12
min. Earth dist.	-5739 Dec 11 j 05:05	10° <b>™</b> 38'54	0.27737 AU		-5736 May 05 j 05:05	0° <b>Υ</b>	
inferior conj	-5739 Dec 12 j 06:48	9° <b>™</b> 58'03	4°23'23	asc. node	-5736 May 10 j 06:18	6° <b>Ƴ</b> 14'05	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 34 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ne year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	J
	-5736 May 29 j 11:03	0°8		morning max el	-5734 Dec 06 j 22:29	17° <b>m</b> 55'50	46°33'05
evening rise	-5736 Jun 07 j 09:52	11° <b>8</b> 06'32			-5734 Dec 18 j 14:11	0∘ <b>⊽</b>	
	-5736 Jun 22 j 14:27	$\Pi$ °0			-5733 Jan 14 j 18:59	$0^{\circ}$ M	
	-5736 Jul 16 j 16:46	$0$ $\circ$ $\odot$			-5733 Feb 09 j 21:24	0° <b>∡</b> ¹	
	-5736 Aug 09 j 19:59	$0$ $^{\circ}$ $\Omega$		desc. node	-5733 Feb 15 j 05:49	6° <b>∡</b> 14'12	
desc. node	-5736 Aug 30 j 06:38	25° <b>Ω</b> 17′20			-5733 Mar 07 j 11:07	0°ප	
	-5736 Sep 03 j 02:26	0° <b>™</b>			-5733 Apr 01 j 15:40	0° <b>≈</b>	
	-5736 Sep 27 j 14:52	0∘ <b>⊽</b>			-5733 Apr 26 j 12:07	0° <b>∀</b>	
	-5736 Oct 22 j 14:07	0°M₊			-5733 May 21 j 01:01	0° <b>Ƴ</b>	
	-5736 Nov 17 j 12:08	0° <b>∡</b> ¹		morning set	-5733 Jun 03 j 19:21	16° <b>Y</b> ′59′03	
evening max el	-5736 Dec 10 j 20:10	24° <b>∡</b> ′57'42	46°10'26	asc. node	-5733 Jun 07 j 19:02	21° <b>Y</b> ′55'28	
	-5736 Dec 15 j 23:07	0°る			-5733 Jun 14 j 07:05	0° <b>8</b>	
asc. node	-5736 Dec 20 j 21:31	4° <b>る</b> 38'06		max. Earth dist.	-5733 Jul 06 j 16:12		1.71721 AU
greatest brilliancy	-5735 Jan 18 j 15:06	24° <b>る</b> 39'39	-4.8m		-5733 Jul 08 j 07:35	$\Pi$ $\circ$ 0	
retrograde	-5735 Jan 29 j 12:35	26°පි51'43			5500 X 1 10:10 01	20 T 4012 T	1006120
evening set	-5735 Feb 16 j 06:38	20°る48'35	000 4100	superior conj	-5733 Jul 10 j 13:21	2° <b>Ⅱ</b> 48'37	
inferior conj	-5735 Feb 19 j 23:39	18°る28'00		minimum elong	-5733 Jul 10 j 04:29	2° <b>Ⅱ</b> 20'46	1°06'41
minimum elong	-5735 Feb 20 j 02:20	18° <b>る</b> 23'42			-5733 Aug 01 j 04:32	0°55	
min. Earth dist.	-5735 Feb 20 j 01:57	18° <b>る</b> 24'19	0.29439 AU	evening rise	-5733 Aug 17 j 19:06	20°954'26	
morning rise	-5735 Feb 23 j 22:07	15°₹58'58			-5733 Aug 25 j 00:32	0° <b>N</b>	
direct	-5735 Mar 13 j 16:51	9° <b>る</b> 59'50 11° <b>る</b> 42'20	4.7	11-	-5733 Sep 17 j 22:00	0°M)	
greatest brilliancy	-5735 Mar 23 j 10:45	22° <b>る</b> 55'19	-4.7m	desc. node	-5733 Sep 27 j 19:15	12° <b>™</b> 21'51 0° <b>⊆</b>	
desc. node	-5735 Apr 12 j 02:16	0°≈			-5733 Oct 11 j 22:44 -5733 Nov 05 j 04:05	0° <b>™</b>	
morning max el	-5735 Apr 20 j 20:16 -5735 May 01 j 12:42	0 ≈ 9°≈42'59	15052120		-5733 Nov 03 j 04.03	0 IIL 0° <b>∡</b> 7	
morning max er	-5735 May 01 j 12:42	9 <b>≈</b> 42 39	43 33 36		-5733 Nov 29 j 10.23 -5733 Dec 24 j 17:01	0°る	
	-5735 Jun 17 j 13:09	0°Υ		asc. node	-5732 Jan 18 j 08:44	0 8 28° <b>る</b> 26'55	
	-5735 Jul 17 j 13:09	0° <b>8</b>		asc. Houe	-5732 Jan 19 j 17:59	28 <b>6</b> 20 33	
asc. node	-5735 Aug 02 j 17:43	25° <b>8</b> 10'56			-5732 Feb 17 j 02:33	0 <b>∞</b> 0° <b>¥</b>	
asc. node	-5735 Aug 02 j 17:45	0°П		evening max el	-5732 Feb 20 j 17:03	3° <b>∺</b> 29′26	45°05'18
	-5735 Aug 30 j 17:38	0°©		evening max er	-5732 Mar 27 j 16:44	0° <b>Υ</b>	45 05 16
	-5735 Sep 23 j 13:39	$0 {\circ} {\mathfrak O}$		greatest brilliancy	-5732 Mar 29 j 05:27	0° <b>Υ</b> 34'53	-4 7m
	-5735 Oct 17 j 08:43	0° mp		retrograde	-5732 Apr 08 j 19:49	2° <b>Υ</b> 34'17	1.7111
morning set	-5735 Oct 31 j 10:42	17° Mp 42'08			-5732 Apr 20 j 07:42	30° <b>₽</b> ₩	
morning sec	-5735 Nov 10 j 06:11	0∘ <b>ರ</b>		evening set	-5732 Apr 24 j 01:24	28° <b>¥</b> 09'35	
desc. node	-5735 Nov 22 j 18:44	15° <b>Ω</b> 38'45		inferior conj	-5732 Apr 30 j 04:02	24° <b>)</b> 33′10	2°08'26
	-5735 Dec 04 j 07:17	0°M₊		minimum elong	-5732 Apr 30 j 08:35	24° <b>¥</b> 26′10	
	,			min. Earth dist.	-5732 May 01 j 01:00		0.28736 AU
superior conj	-5735 Dec 12 j 14:50	10°M19'55	-0°43'26	morning rise	-5732 May 06 j 15:04	20° <b>)</b> 43'41	
minimum elong	-5735 Dec 12 j 05:06	9° <b>M</b> 49'43		desc. node	-5732 May 09 j 13:11	19° <b>∺</b> 14'57	
max. Earth dist.	-5735 Dec 17 j 03:41	15°M57'28	1.72339 AU	direct	-5732 May 21 j 22:46	16° <b>¥</b> 15′29	
	-5735 Dec 28 j 11:44	0° <b>∡</b> ″		greatest brilliancy	-5732 Jun 02 j 05:00	18° <b>¥</b> 31'59	-4.8m
evening rise	-5734 Jan 21 j 10:24	29° <b>∡</b> ³33'24			-5732 Jun 21 j 04:42	$0^{\circ}\Upsilon$	
	-5734 Jan 21 j 19:02	ರ°ರ		morning max el	-5732 Jul 10 j 16:49	17° <b>Y</b> °25′11	46°22'50
	-5734 Feb 15 j 05:19	0° <b>≈</b>			-5732 Jul 22 j 23:19	$0^{\circ}B$	
	-5734 Mar 11 j 19:38	0° <b>∀</b>			-5732 Aug 18 j 18:29	$\Pi^{\circ}0$	
asc. node	-5734 Mar 15 j 06:56	4° <b>) 1</b> 2′42		asc. node	-5732 Aug 30 j 05:40	13° <b>Ⅱ</b> 31'59	
	-5734 Apr 05 j 15:33	$0^{\circ}$ Y			-5732 Sep 12 j 21:30	$0$ $\circ$	
	-5734 Apr 30 j 19:07	$9^{\circ}$ 8			-5732 Oct 07 j 06:47	$0^{\circ}\Omega$	
	-5734 May 26 j 10:03	$\Pi$ °0			-5732 Oct 31 j 09:43	0° <b>m</b>	
	-5734 Jun 21 j 21:42	$0$ $\circ$			-5732 Nov 24 j 12:43	0∘ <b>⊽</b>	
desc. node	-5734 Jul 05 j 09:03	14° <b>©</b> 35'01			-5732 Dec 18 j 18:22	0° <b>M</b>	
evening max el	-5734 Jul 18 j 08:11	27° <b>©</b> 52'52	47°08'50	desc. node	-5732 Dec 20 j 07:28	1°M54'30	
	-5734 Jul 20 j 11:57	$0$ $\circ$ $\Omega$			-5731 Jan 12 j 02:41	0° <b>∡</b> ⊓	
greatest brilliancy	-5734 Aug 28 j 18:17	28° <b>Ω</b> 48'09	-4.9m	morning set	-5731 Jan 15 j 12:57	4° <b>∡</b> 12'54	
	-5734 Sep 02 j 12:04	0° <b>m</b> )			-5731 Feb 05 j 12:33	0°ಕ	
retrograde	-5734 Sep 06 j 19:49	0°m/22'11				🚤	
•	-5734 Sep 11 j 01:42	30°R€		superior conj	-5731 Feb 22 j 17:30	21° <b>ろ</b> 07'34	
evening set	-5734 Sep 23 j 03:46	25° <b>Ω</b> 11'48	(022112	minimum elong	-5731 Feb 22 j 21:18	21° <b>ろ</b> 19'11	
inferior conj	-5734 Sep 27 j 10:45	22° <b>Ω</b> 37'47		max. Earth dist.	-5731 Feb 22 j 20:12		1.73646 AU
minimum elong	-5734 Sep 27 j 21:27	22° <b>Ω</b> 21'27			-5731 Mar 01 j 22:59	0° <b>≈</b>	
min. Earth dist.	-5734 Sep 27 j 11:25	22° <b>Ω</b> 36'46	0.26467 AU		-5731 Mar 26 j 09:38	0° <b>)</b> {	
morning rise	-5734 Oct 02 j 15:06	19° <b>Ω</b> 33'51		evening rise	-5731 Mar 31 j 01:57	5° <b>)</b> 44'35	
direct	-5734 Oct 17 j 15:22	15° <b>Ω</b> 02'49		asc. node	-5731 Apr 11 j 19:34	20° <b>)</b> €08'14 0° <b>°</b>	
asc. node	-5734 Oct 26 j 01:37	16° <b>Ω</b> 25'27 17° <b>Ω</b> 03'06	-4.9m		-5731 Apr 19 j 20:35 -5731 May 14 j 08:09	0°8	
greatest brilliancy	-5734 Oct 27 j 21:16 -5734 Nov 17 j 12:29	0° m	-4.7111		-5731 May 14 j 08:09 -5731 Jun 07 j 21:06	0° <b>U</b>	
	3137 INOV 1/ J 12.29	עוויי			5/51 Juli 0/ J 21.00	υщ	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 35 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	nical year style is used: Th	e year -5899 i	n astronomical cou	unting style is the year	5900 BCE in historical c	ounting style.	_
	-5731 Jul 02 j 13:08	0ංම			-5729 Nov 13 j 21:23	0° <b>™</b>	
	-5731 Jul 27 j 11:38	$0^{\circ}\Omega$			-5729 Dec 08 j 19:52	0∘ <b>⊽</b>	
desc. node	-5731 Aug 01 j 20:39	6° <b>Ω</b> 23'57			-5728 Jan 02 j 14:54	$0^{\circ}$ M	
	-5731 Aug 21 j 23:05	0° <b>m</b> p		desc. node	-5728 Jan 17 j 19:55	$18^{\circ}$ ML $25^{\circ}$ 03	
	-5731 Sep 17 j 15:15	0∘ <b>亚</b>			-5728 Jan 27 j 09:20	0° <b>∡</b> ¹	
evening max el	-5731 Sep 28 j 20:15	11° <b>≏</b> 48'27	47°34'20		-5728 Feb 21 j 02:50	ರ°0	
	-5731 Oct 18 j 03:58	0° <b>M</b> .			-5728 Mar 16 j 18:15	0° <b>≈</b>	
greatest brilliancy	-5731 Nov 08 j 07:26	13°ML40'44	-4.9m	morning set	-5728 Mar 25 j 23:21	11° <b>≈</b> 15′16	
retrograde	-5731 Nov 19 j 00:16	15°ML52'41			-5728 Apr 10 j 06:43	0° <b>)</b> €	
asc. node	-5731 Nov 22 j 12:32	15°ML37'03		max. Earth dist.	-5728 Apr 27 j 02:19	20° <b>)</b> 40′26	1.73409 AU
evening set	-5731 Dec 03 j 22:55	11° <b>M</b> L17'50					
min. Earth dist.	-5731 Dec 08 j 19:58	8° <b>M</b> .19'19	0.27656 AU	superior conj	-5728 Apr 30 j 14:34	24° <b>¥</b> 59'56	-0°20'14
inferior conj	-5731 Dec 09 j 21:42	7°ML38'25	4°05'13	minimum elong	-5728 Apr 30 j 18:23	25° <b>)</b> 11'41	0°20'06
minimum elong	-5731 Dec 09 j 14:00	7° <b>M</b> 50'39	4°03'01	•	-5728 May 04 j 15:55	$0^{\circ}$ Y	
morning rise	-5731 Dec 15 j 06:07	4°ML22'07		asc. node	-5728 May 09 j 08:20	5° <b>Y</b> 46'53	
Č	-5731 Dec 26 j 15:01	30° <b>ŖΩ</b>			-5728 May 28 j 21:59	0° <b>႘</b>	
direct	-5731 Dec 30 j 15:18	29° <b>♀</b> 40'14		evening rise	-5728 Jun 05 j 04:33	9° <b>8</b> 01'23	
	-5730 Jan 03 j 17:36	0° <b>M</b> .		8	-5728 Jun 22 j 01:37	0°II	
greatest brilliancy	-5730 Jan 08 j 09:37	1°ML07'22	-4.8m		-5728 Jul 16 j 04:14	0°®	
morning max el	-5730 Feb 17 j 14:33				-5728 Aug 09 j 07:49	$0^{\circ}\Omega$	
morning man or	-5730 Feb 17 j 13:43	0° <b>∡</b> ¹		desc. node	-5728 Aug 29 j 08:52	24° <b>Ω</b> 46'41	
desc. node	-5730 Mar 14 j 17:27	25° <b>∡</b> ¹42'44		door. Hode	-5728 Sep 02 j 14:42	0° m)	
desc. node	-5730 Mar 18 j 16:50	23 × 42 44			-5728 Sep 27 j 03:45	0° <u>0</u> س	
	-5730 Apr 14 j 13:27	0°≈			-5728 Oct 22 j 04:07	0° <b>m</b> .	
	-5730 May 10 j 07:58	0° <b>∺</b>			-5728 Nov 17 j 04:29	0° <b>⊼</b> ¹	
	-5730 Jun 04 j 09:19	0° <b>Υ</b>		evening max el	-5728 Dec 08 j 10:44	22° <b>х</b> 40'18	46°13'41
	-5730 Jun 28 j 21:41	0°8		evening max er	-5728 Dec 08 j 10.44 -5728 Dec 15 j 23:05	22 x 40 18	40 1341
asa nada	-5730 Jul 28 j 21:41 -5730 Jul 05 j 07:35	7° <b>8</b> 56'15		asc. node	-5728 Dec 19 j 23:36	3°る42'47	
asc. node	-	0°Ⅱ				22° <b>る</b> 31'37	1 9
	-5730 Jul 23 j 00:14		2.0	greatest brilliancy	-5727 Jan 16 j 08:16		-4.0111
greatest brilliancy	-5730 Aug 11 j 04:17	24° <b>Ⅱ</b> 06'15	-3.9111	retrograde	-5727 Jan 27 j 06:01	24°₹44'33	
morning set	-5730 Aug 13 j 10:22	26° <b>Ⅱ</b> 56'51 0° <b>©</b>		evening set	-5727 Feb 14 j 00:21	18°る40'14 16°る20'18	8°06'51
	-5730 Aug 15 j 20:24			inferior conj	-5727 Feb 17 j 17:00		
	-5730 Sep 08 j 13:59	$0$ ° $\Omega$		minimum elong	-5727 Feb 17 j 19:02	16° <b>る</b> 17'02	
	5720 C 22 : 12 45	170 02721	1007110	min. Earth dist.	-5727 Feb 17 j 18:09	16°る18'27 13°る53'51	0.29422 AU
superior conj	-5730 Sep 22 j 12:45	17° <b>Ω</b> 37'31		morning rise	-5727 Feb 21 j 13:47		
minimum elong	-5730 Sep 22 j 23:56	18° <b>Ω</b> 12'45		direct	-5727 Mar 11 j 09:04	7° <b>る</b> 52'17	4.7
max. Earth dist.	-5730 Sep 26 j 01:03		1.70841 AU	greatest brilliancy	-5727 Mar 21 j 02:37	9° <b>る</b> 34'22	-4.7m
	-5730 Oct 02 j 08:15	0° Mp		desc. node	-5727 Apr 11 j 04:21	21° <b>る</b> 51'27	
desc. node	-5730 Oct 25 j 08:01	28° m 53'20			-5727 Apr 20 j 23:29	0°≈ 7°××2.411.0	45052112
	-5730 Oct 26 j 05:18	0∘ <b>⊽</b>		morning max el	-5727 Apr 29 j 05:02	7°≈34'10	45°53'12
evening rise	-5730 Nov 04 j 08:23	11° <b>≏</b> 25'12			-5727 May 21 j 05:51	0° <b>)</b> €	
	-5730 Nov 19 j 06:01	0° <b>M</b> ○			-5727 Jun 17 j 03:06	0° <b>Υ</b>	
	-5730 Dec 13 j 10:46	0° <b>∡</b> ¹			-5727 Jul 12 j 13:31	0°8	
	-5729 Jan 06 j 20:41	0° <b>ප</b>		asc. node	-5727 Aug 01 j 19:58	24° <b>8</b> 40'33	
	-5729 Jan 31 j 14:32	0° <b>≈</b>			-5727 Aug 06 j 03:34	0° <b>I</b>	
asc. node	-5729 Feb 14 j 20:44	17°≈01'25			-5727 Aug 30 j 05:21	0°©	
	-5729 Feb 25 j 21:10	0° <b>∀</b>			-5727 Sep 23 j 01:11	0° <b>N</b>	
	-5729 Mar 24 j 00:56	0° <b>Υ</b>			-5727 Oct 16 j 20:07	0° m/y	
	-5729 Apr 20 j 20:54	0°8		morning set	-5727 Oct 28 j 20:31	15° <b>m</b> 06'38	
evening max el	-5729 May 03 j 06:28	12° <b>8</b> 17'27	45°32'52		-5727 Nov 09 j 17:29	0∘ <b>ত</b>	
	-5729 May 23 j 21:04	0°II		desc. node	-5727 Nov 21 j 20:47	15° <b>≏</b> 10'04	
desc. node	-5729 Jun 07 j 00:11	8° <b>Ⅱ</b> 39'50			-5727 Dec 03 j 18:28	0° <b>M</b>	
greatest brilliancy	-5729 Jun 11 j 11:01	10° <b>Ⅱ</b> 26'59	-4.8m				
retrograde	-5729 Jun 21 j 05:35	12° <b>Ⅱ</b> 09'50		superior conj	-5727 Dec 10 j 02:02	7° <b>M</b> 51′02	
evening set	-5729 Jul 07 j 08:20	7° <b>Ⅱ</b> 19'39		minimum elong	-5727 Dec 09 j 16:43	7°M22'09	
inferior conj	-5729 Jul 12 j 05:12	4° <b>Ⅱ</b> 28'34		max. Earth dist.	-5727 Dec 14 j 15:42	13°M31'25	1.72276 AU
minimum elong	-5729 Jul 11 j 19:11	4° <b>Ⅱ</b> 43'39			-5727 Dec 27 j 22:51	0° <b>∡</b> 7	
min. Earth dist.		4° <b>Ⅱ</b> 21'16	0.27325 AU	evening rise	-5726 Jan 19 j 01:27	27° <b>∡</b> 17'53	
	-5729 Jul 12 j 10:02						
morning rise	-5729 Jul 16 j 05:41	2° <b>Ⅱ</b> 05′18			-5726 Jan 21 j 06:06	0°₹	
	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30	2°∏05'18 30°R <b>8</b>			-5726 Feb 14 j 16:28	0° <b>≈</b>	
direct	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15	2° <b>∏</b> 05'18 30° <b>₹</b> 8 26° <b>8</b> 40'39			-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03	0° <b>∺</b>	
	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15 -5729 Aug 13 j 02:26	2°П05'18 30°R <b>४</b> 26° <b>४</b> 40'39 28° <b>४</b> 52'39	-4.9m	asc. node	-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03 -5726 Mar 14 j 09:03	0° <b>≈</b> 0° <b>米</b> 3° <b>米</b> 44'22	
direct	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15 -5729 Aug 13 j 02:26 -5729 Aug 15 j 17:46	2°∏05'18 30°R႘ 26°႘40'39 28°႘52'39 0°∏	-4.9m	asc. node	-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03 -5726 Mar 14 j 09:03 -5726 Apr 05 j 03:30	0°≈ 0°¥ 3°¥44'22 0°Υ	
direct greatest brilliancy	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15 -5729 Aug 13 j 02:26 -5729 Aug 15 j 17:46 -5729 Sep 21 j 23:51	2°∏05'18 30°R႘ 26°႘40'39 28°႘52'39 0°∏ 0°ℱ		asc. node	-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03 -5726 Mar 14 j 09:03 -5726 Apr 05 j 03:30 -5726 Apr 30 j 07:57	0°≈ 0°₩ 3°₩44'22 0°Υ 0°₩	
direct greatest brilliancy morning max el	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15 -5729 Aug 13 j 02:26 -5729 Aug 15 j 17:46 -5729 Sep 21 j 23:51 -5729 Sep 21 j 19:25	2°∏05'18 30°R႘ 26°႘40'39 28°႘52'39 0°∏ 0°೨ 29°∏48'40	-4.9m 46°49'37	asc. node	-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03 -5726 Mar 14 j 09:03 -5726 Apr 05 j 03:30 -5726 Apr 30 j 07:57 -5726 May 26 j 00:26	0°≈ 0°ℋ 3°ℋ44'22 0°℉ 0°௧ 0°Ⅱ	
direct greatest brilliancy	-5729 Jul 16 j 05:41 -5729 Jul 20 j 03:30 -5729 Aug 02 j 04:15 -5729 Aug 13 j 02:26 -5729 Aug 15 j 17:46 -5729 Sep 21 j 23:51	2°∏05'18 30°R <b>४</b> 26° <b>४</b> 40'39 28° <b>४</b> 52'39 0°∏ 0°\$ 29°∏48'40 5°\$57'05		asc. node	-5726 Feb 14 j 16:28 -5726 Mar 11 j 07:03 -5726 Mar 14 j 09:03 -5726 Apr 05 j 03:30 -5726 Apr 30 j 07:57	0°≈ 0°¥ 3°¥44'22 0°Y 0°B 0°I 0°©	

desc. node

-5726 Jul 04 j 11:15 13°548'01

-5729 Oct 19 j 08:57 0°**Ω** 

-			•	* * * · · · · · · · · · · · · · · · · ·	AG 18-Feb-2025 14		ge 36
	nical year style is used: Th	-					
evening max el	-5726 Jul 15 j 21:10	25° <b>©</b> 26'56	47°05'57	morning set	-5723 Jan 13 j 02:36	1° <b>∡</b> 52′29	
	-5726 Jul 20 j 13:33	$0$ $\circ$ $\Omega$			-5723 Feb 04 j 23:42	0°ප	
greatest brilliancy	-5726 Aug 26 j 06:25	26° <b>Ω</b> 16'52	-4.9m			<del></del>	
retrograde	-5726 Sep 04 j 08:19	27° <b>Ω</b> 50'57		superior conj	-5723 Feb 20 j 10:49	18° <b>る</b> 59'21	
evening set	-5726 Sep 20 j 19:10	22° <b>Ω</b> 35'38		minimum elong	-5723 Feb 20 j 14:01	19° <b>る</b> 09'09	
inferior conj	-5726 Sep 24 j 22:44	20° <b>Ω</b> 06'48		max. Earth dist.	-5723 Feb 20 j 18:47	19° <b>る</b> 23'48	1.73620 AU
minimum elong	-5726 Sep 25 j 09:25	19° <b>Ω</b> 50'33	6°47'44		-5723 Mar 01 j 10:02	0° <b>≈</b>	
min. Earth dist.	-5726 Sep 24 j 23:53	20° <b>Ω</b> 05'04	0.26476 AU		-5723 Mar 25 j 20:42	0° <b>∀</b>	
morning rise	-5726 Sep 29 j 23:39	17° <b>Ω</b> 08'10		evening rise	-5723 Mar 28 j 21:04	3° <b>)</b> 42′00	
direct	-5726 Oct 15 j 03:52	12° <b>Ω</b> 31'48		asc. node	-5723 Apr 10 j 21:38	19° <b>)</b> 40′24	
asc. node	-5726 Oct 25 j 03:45	14° <b>Ω</b> 27'01			-5723 Apr 19 j 07:48	0° <b>Υ</b>	
greatest brilliancy	-5726 Oct 25 j 10:09	14° <b>Ω</b> 32'58	-4.9m		-5723 May 13 j 19:42	0°B	
	-5726 Nov 18 j 00:13	0° <b>m</b> )			-5723 Jun 07 j 09:08	$\Pi$ °0	
morning max el	-5726 Dec 04 j 13:07	15° <b>m</b> 33'12	46°34'26		-5723 Jul 02 j 01:55	0∘ <b>©</b>	
	-5726 Dec 18 j 09:41	0∘ <b>⊽</b>			-5723 Jul 27 j 01:30	$0^{\circ}\Omega$	
	-5725 Jan 14 j 10:17	0°M₊		desc. node	-5723 Jul 31 j 22:51	5° <b>Ω</b> 48'33	
	-5725 Feb 09 j 10:47	0° <b>∡</b> ¹			-5723 Aug 21 j 14:47	0° <b>™</b>	
desc. node	-5725 Feb 14 j 08:04	5° <b>∡</b> ¹42'28			-5723 Sep 17 j 10:59	0∘ <b>⊽</b>	
	-5725 Mar 06 j 23:25	0°₹		evening max el	-5723 Sep 26 j 11:52	9° <b>≏</b> 27'56	47°35'34
	-5725 Apr 01 j 03:20	0° <b>≈</b>			-5723 Oct 18 j 16:30	0°M	
	-5725 Apr 25 j 23:26	0° <b>ℋ</b>		greatest brilliancy	-5723 Nov 06 j 00:15	11°M20'35	-4.9m
	-5725 May 20 j 12:09	$0$ ° $\Upsilon$		retrograde	-5723 Nov 16 j 15:25	13°MJ30'40	
morning set	-5725 Jun 01 j 13:34	14° <b>Ƴ</b> 52'38		asc. node	-5723 Nov 21 j 14:44	12° <b>M</b> 59′22	
asc. node	-5725 Jun 06 j 21:08	21° <b>Y</b> 27'36		evening set	-5723 Dec 01 j 12:31	8°M58'55	
	-5725 Jun 13 j 18:10	$8^{\circ}$ 0		min. Earth dist.	-5723 Dec 06 j 11:12	5°M58′00	0.27578 AU
max. Earth dist.	-5725 Jul 04 j 05:22	25° <b>8</b> 32'45	1.71781 AU	inferior conj	-5723 Dec 07 j 12:33	5° <b>M</b> ₁7'40	3°46'37
	-5725 Jul 07 j 18:42	$\Pi$ $\circ$ 0		minimum elong	-5723 Dec 07 j 05:17	5°M29'13	3°44'28
				morning rise	-5723 Dec 12 j 23:06	1° <b>M</b> 58'18	
superior conj	-5725 Jul 08 j 05:30	0° <b>Ⅲ</b> 33'53	1°04'34		-5723 Dec 16 j 19:21	30° <b>Ŗ</b> Ω	
minimum elong	-5725 Jul 07 j 20:32	0° <b>Ⅱ</b> 05'45	1°04'35	direct	-5723 Dec 28 j 05:26	27° <b>≙</b> 21'00	
	-5725 Jul 31 j 15:45	$0$ $\circ$ $\odot$		greatest brilliancy	-5722 Jan 06 j 00:15	28° <b>≏</b> 48'23	-4.8m
evening rise	-5725 Aug 15 j 07:18	18° <b>5</b> 26'06			-5722 Jan 09 j 05:56	$0^{\circ}$ M	
	-5725 Aug 24 j 11:55	$0^{\circ}\Omega$		morning max el	-5722 Feb 15 j 04:32	27° <b>M</b> 44'40	46°00'02
	-5725 Sep 17 j 09:37	0° <b>m</b> )			-5722 Feb 17 j 12:35	0° <b>∡</b> ¹	
desc. node	-5725 Sep 26 j 21:16	11° <b>m</b> 51'43		desc. node	-5722 Mar 13 j 19:28	25° <b>₰</b> 03'07	
	-5725 Oct 11 j 10:34	0∘ <b>ত</b>			-5722 Mar 18 j 08:56	8°0	
	-5725 Nov 04 j 16:12	0° <b>M</b> ₊			-5722 Apr 14 j 03:05	0° <b>≈</b>	
	-5725 Nov 29 j 04:56	0° <b>∡</b> ¹			-5722 May 09 j 20:25	0° <b>∀</b>	
	-5725 Dec 24 j 06:26	0°ප			-5722 Jun 03 j 21:08	$0^{\circ}$ Y	
asc. node	-5724 Jan 17 j 11:03	27° <b>る</b> 50'40			-5722 Jun 28 j 09:10	0°B	
	-5724 Jan 19 j 09:26	0° <b>≈</b>		asc. node	-5722 Jul 04 j 09:51	7° <b>8</b> 27'46	
	-5724 Feb 17 j 00:02	0° <b>₩</b>			-5722 Jul 22 j 11:35	$\Pi$ $^{\circ}0$	
evening max el	-5724 Feb 18 j 09:33	1° <b>¥</b> 20′33	45°06'09	greatest brilliancy	-5722 Aug 10 j 01:46	23° <b>Ⅲ</b> 22'33	-3.9m
greatest brilliancy	-5724 Mar 26 j 21:05	28° <b>∺</b> 25'51	-4.7m	morning set	-5722 Aug 10 j 23:23	24° <b>Ⅱ</b> 30'43	
	-5724 Apr 01 j 17:26	$0$ ° $\Upsilon$			-5722 Aug 15 j 07:45	$0$ $\circ$ $\odot$	
retrograde	-5724 Apr 06 j 11:36	0° <b>Υ</b> 25'06			-5722 Sep 08 j 01:21	$0^{\circ}\Omega$	
•	-5724 Apr 11 j 02:58	30° <b>₹</b>					
evening set	-5724 Apr 21 j 19:11	25° <b>¥</b> 57'56		superior conj	-5722 Sep 19 j 22:34	15° <b>Ω</b> 01'04	1°08'30
inferior conj	-5724 Apr 27 j 20:06	22° <b>∺</b> 23'11	2°27'08	minimum elong	-5722 Sep 20 j 09:22	15° <b>Ω</b> 35′09	1°08'28
minimum elong	-5724 Apr 28 j 01:14	22° <b>¥</b> 15'15	2°25'38	max. Earth dist.	-5722 Sep 23 j 00:23	18° <b>Ω</b> 54'03	1.70824 AU
min. Earth dist.	-5724 Apr 28 j 17:04	21° <b>¥</b> 50'47	0.28786 AU		-5722 Oct 01 j 19:39	o∘ mp	
morning rise	-5724 May 04 j 06:38	18° <b>¥</b> 33'50		desc. node	-5722 Oct 24 j 10:03	28° m 23'56	
desc. node	-5724 May 08 j 15:19	16° <b>¥</b> 26'44			-5722 Oct 25 j 16:44	0∘ <mark>⊽</mark>	
direct	-5724 May 19 j 15:43	14° <b>)</b> 04'46		evening rise	-5722 Nov 01 j 16:38	8° <b>≏</b> 45'12	
greatest brilliancy	-5724 May 30 j 20:13	16° <b>¥</b> 19'36	-4.8m	Ü	-5722 Nov 18 j 17:29	0°M₊	
8	-5724 Jun 21 j 15:11	0° <b>Υ</b>			-5722 Dec 12 j 22:20	0° <b>∡</b> ¹	
	-	15° <b>Ƴ</b> 10'41	46°21'27		-5721 Jan 06 j 08:29	0°ెవ	
morning max el	-5724 Jul 08 j 08:33	15   1041			-		
morning max el	-5724 Jul 08 j 08:33 -5724 Jul 22 j 17:55	0° <b>8</b>			-5721 Jan 31 i 02:47	0° <b>≈</b>	
morning max el	-5724 Jul 22 j 17:55			asc. node	-5721 Jan 31 j 02:47 -5721 Feb 13 j 22:53	0° <b>≈</b> 16° <b>≈</b> 30'16	
morning max el asc. node	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24	0°Β Β°0		asc. node	-5721 Feb 13 j 22:53	16° <b>≈</b> 30'16	
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50	$0^{\circ}B$		asc. node	-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19		
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53	0° <b>୪</b> 0° <b>I</b> 12° <b>I</b>  56'16 0°ତ		asc. node	-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00	16° <b>≈</b> 30'16 0° <b>)</b> €	
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53 -5724 Oct 06 j 19:23	0° <b>В</b> 0° <b>П</b> 12° <b>П</b> 56'16			-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00 -5721 Apr 20 j 16:45	16°≈30'16 0°₩ 0°Υ	45°30'27
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53 -5724 Oct 06 j 19:23 -5724 Oct 30 j 21:52	0° <b>୪</b> 0°用 12°用56'16 0°ତ 0° <i>Ω</i>		asc. node	-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00 -5721 Apr 20 j 16:45 -5721 Apr 30 j 19:32	16°≈30'16 0°¥ 0°Υ 0°∀ 9°∀57'29	45°30'27
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53 -5724 Oct 06 j 19:23	0°8 0°1 12°156'16 0°9 0°1 0°1 0°1 0°1 0°1			-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00 -5721 Apr 20 j 16:45 -5721 Apr 30 j 19:32 -5721 May 24 j 16:57	16°≈30'16 0°ℋ 0°♈ 0°℧	45°30'27
-	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53 -5724 Oct 06 j 19:23 -5724 Oct 30 j 21:52 -5724 Nov 24 j 00:33 -5724 Dec 18 j 05:57	0°₩ 0°Ⅲ 12°Ⅲ56'16 0°ॐ 0°₽ 0°₩		evening max el desc. node	-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00 -5721 Apr 20 j 16:45 -5721 Apr 30 j 19:32 -5721 May 24 j 16:57 -5721 Jun 06 j 02:22	16°≈30'16 0° ℋ 0° Ƴ 0° ℧ 9°℧57'29 0° Ⅲ 6° 頂59'21	45°30'27
asc. node	-5724 Jul 22 j 17:55 -5724 Aug 18 j 09:24 -5724 Aug 29 j 07:50 -5724 Sep 12 j 10:53 -5724 Oct 06 j 19:23 -5724 Oct 30 j 21:52 -5724 Nov 24 j 00:33	0°႘ 0°Ⅱ 12°Ⅲ56'16 0°೨ 0°೩ 0°№ 0°೩ 0°№		evening max el	-5721 Feb 13 j 22:53 -5721 Feb 25 j 10:19 -5721 Mar 23 j 16:00 -5721 Apr 20 j 16:45 -5721 Apr 30 j 19:32 -5721 May 24 j 16:57	16°≈30'16 0°¥ 0°Y 0°8 9°857'29 0°Ⅱ	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5721 Jul 04 j 17:34 5°**Ⅱ**02'48 minimum elong -5719 Dec 07 i 03:44 4°M52'27 0°36'39 evening set -5721 Jul 09 j 18:24 2°**I**106'35 -7°03'23 -5719 Dec 12 j 02:59 max. Earth dist. 11°M.02'49 1 72217 AU inferior coni 2°**II**22'02 7°01'12 -5721 Jul 09 j 08:08 -5719 Dec 27 j 09:59 minimum elong 0°×7 -5718 Jan 16 j 15:53 25°**х** 00′19 min. Earth dist. -5721 Jul 09 j 23:50 1°**Д**58'23 0.27369 AU evening rise -5721 Jul 13 j 07:22 30°R₩ -5718 Jan 20 j 17:12 0°ಕ 29°838'31 -5718 Feb 14 j 03:39 morning rise -5721 Jul 13 j 22:16 0°≈ -5721 Jul 30 j 17:40 direct 24°**8**17'26 -5718 Mar 10 j 18:30 0°**∀** greatest brilliancy -5721 Aug 10 j 17:48 26°**8**30'58 -4.9m asc. node -5718 Mar 13 j 11:07 3°**₩**15'51  $0^{\circ}$ -5721 Aug 17 j 21:30  $0^{\circ}\Pi$ -5718 Apr 04 j 15:29 morning max el -5721 Sep 19 j 08:34 27°**Ⅲ**21′09 46°49'20 -5718 Apr 29 j 20:52 0°8 -5721 Sep 21 j 22:16 0ಂತಾ -5718 May 25 j 14:55  $0^{\circ}\Pi$ -5718 Jun 21 j 08:42 asc. node -5721 Sep 26 j 19:02 5°907'40 0ಂತಾ -5721 Oct 19 j 01:29  $0^{\circ}\Omega$ desc. node -5718 Jul 03 j 13:31 13°900'48 -5721 Nov 13 j 11:39 0° m evening max el -5718 Jul 13 j 11:13 23°904'21 47°03'08 -5721 Dec 08 j 08:56 0∘**⊽** -5718 Jul 20 j 16:17  $0^{\circ}\Omega$ -5720 Jan 02 j 03:12 0°M greatest brilliancy -5718 Aug 23 j 18:18 23°**Ω**46′33 -4.9m desc. node -5720 Jan 16 j 22:08 17°M55'30 retrograde -5718 Sep 01 j 21:00 25°**Ω**20'49 -5720 Jan 26 j 21:06 0°×7 evening set -5718 Sep 18 j 10:43 20°**Ω**00′53 -5720 Feb 20 j 14:14 0°る inferior conj -5718 Sep 22 j 10:52 17°Ω37'04 -7°05'46 -5720 Mar 16 j 05:24 0°≈ minimum elong -5718 Sep 22 j 21:25 17°**Ω**21′01 7°03'24 morning set -5720 Mar 23 j 17:56 9°≈11'26 min. Earth dist. -5718 Sep 22 j 12:10 17°**Ω**35′04 0.26485 AU -5720 Apr 09 j 17:43 0°**)**€ -5718 Sep 27 i 08:08 14°**Ω**43′50 morning rise max. Earth dist. -5720 Apr 25 j 00:23 18°**)** 46'45 1.73445 AU -5718 Oct 12 i 16:54 10°Ω02'19 direct greatest brilliancy -5718 Oct 22 j 22:43 12°**Ω**03'31 -4.9m-5720 Apr 28 j 09:49 22°\(\)\(57'33\) -0°23'08 -5718 Oct 24 j 05:59 12°**Ω**34'31 superior conj asc. node 23°**)** 10′53 0°23′00 -5718 Nov 18 j 08:35 -5720 Apr 28 j 14:09 0° m minimum elong -5720 May 04 j 02:53  $0^{\circ}\Upsilon$ -5718 Dec 02 j 03:35 13° To 10'44 46°35'24 morning max el -5720 May 08 j 10:32 5°**Y**19'44 -5718 Dec 18 j 04:29 0∘Ω asc. node -5720 May 28 j 09:02 0°8 -5717 Jan 14 j 01:16 oom. -5717 Feb 08 j 23:59 -5720 Jun 02 j 23:32 6°**8**56'58 0°×7 evening rise -5720 Jun 21 j 12:53  $\Pi$ °0 -5717 Feb 13 j 10:04 5°**х** 10′20 desc. node 0°궁 -5720 Jul 15 j 15:46 0.00 -5717 Mar 06 j 11:34 -5720 Aug 08 j 19:43 0° $\Omega$ -5717 Mar 31 j 14:51 0°≈ 24°Ω15'00 -5717 Apr 25 j 10:35 0°**)**€ desc. node -5720 Aug 28 j 10:52  $0^{\circ}\Upsilon$ -5720 Sep 02 j 03:06 0° m -5717 May 19 j 23:08 12°\bar{Y}46'28 -5720 Sep 26 j 16:52 0∘**⊽** morning set -5717 May 30 j 07:41 21°Υ00'35 -5720 Oct 21 j 18:26 0°M asc. node -5717 Jun 05 j 23:21 -5720 Nov 16 j 21:22 0°**√** -5717 Jun 13 j 05:06 0°8 -5720 Dec 06 j 02:01 20°**≯**24′00 46°17'06 max. Earth dist. -5717 Jul 01 j 16:47 23°**8**04'01 1.71841 AU evening max el -5720 Dec 16 j 00:32 0°정 -5720 Dec 19 j 01:56 2°る46'06 superior conj -5717 Jul 05 j 21:49 28°820'15 1°02'24 asc. node -5719 Jan 14 j 00:44 20°る21'52 -5717 Jul 05 j 12:49 27°852'02 1°02'24 greatest brilliancy -4.8m minimum elong -5719 Jan 24 j 23:40 22°る36'20 -5717 Jul 07 j 05:40  $0^{\circ}\Pi$ retrograde -5719 Feb 11 j 17:39 16°**ප**31'06 -5717 Jul 31 j 02:49 0ಂತಾ evening set -5719 Feb 15 j 10:09 14°**る**11'31 8°08'58 15°959'32 inferior conj evening rise -5717 Aug 12 j 19:52 -5719 Feb 15 i 11:31 14°る09'19 8°08'36 -5717 Aug 23 i 23:07  $0^{\circ}\Omega$ minimum elong min. Earth dist. -5719 Feb 15 i 09:50 14°る12'01 0.29402 AU -5717 Sep 16 j 20:58 0° m morning rise -5719 Feb 19 i 05:28 11°る47'27 -5717 Sep 25 i 23:23 11° m 22'44 desc. node direct -5719 Mar 09 i 01:26 5°る43'43 -5717 Oct 10 j 22:07 0∘**⊽** -5719 Mar 18 j 17:51 7°る25'07 -5717 Nov 04 j 04:01 0°M greatest brilliancy -4 7m -5719 Apr 10 j 06:32 20°る48'54 -5717 Nov 28 j 17:13 0°×7 desc. node -5719 Apr 21 j 01:23 -5717 Dec 23 j 19:42 0°궁 0°≈≈ -5716 Jan 16 j 13:09 5°≈26'52 45°52'49 27°**ප**14'06 morning max el -5719 Apr 26 j 22:05 asc node -5719 May 20 j 22:30 0°**)**€ -5716 Jan 19 j 00:54 0°≈  $0^{\circ}\Upsilon$ -5719 Jun 16 j 16:56 -5716 Feb 16 j 01:28 29°≈10'36 45°07'01 evening max el -5719 Jul 12 j 02:06 0°8 -5716 Feb 16 j 22:11 0°**)**€ -5719 Jul 31 j 22:06 24°810'01 greatest brilliancy -5716 Mar 24 j 13:17 26°**升**17'53 -4.7m asc. node  $0^{\circ}\Pi$ -5719 Aug 05 j 15:32 retrograde -5716 Apr 04 j 02:58 28°**)** 16'32 -5719 Aug 29 j 16:59 0ಂತಾ -5716 Apr 19 j 13:03 23°**)** 46'44 evening set

-5719 Sep 22 j 12:37

-5719 Oct 16 j 07:28

-5719 Oct 26 j 06:14

-5719 Nov 09 j 04:46

-5719 Nov 20 j 22:58

-5719 Dec 03 j 05:41

-5719 Dec 07 j 12:31

morning set

desc. node

superior conj

0° $\Omega$ 

0° m

0∘**⊽** 

0°M

12° m 30'50

14°**£**41'48

5°M19'46 -0°36'52

-5716 Apr 25 j 12:11

-5716 Apr 25 j 17:52

-5716 Apr 26 j 09:26

-5716 May 01 j 22:01

-5716 May 07 j 17:31

-5716 May 17 j 08:12

-5716 May 28 j 11:50

-5716 Jun 21 j 22:36

20°**¥**13'57

20°**₭**05'08

19°**)**41'00

16°**)** 24′50

13°**)**(42'53

11°**)** 54'46 14°**)** 68'21 -4.8m

 $0^{\circ}\Upsilon$ 

2°45'25

2°43'49

0.28834 AU

inferior conj

minimum elong

greatest brilliancy

min. Earth dist.

morning rise

desc. node

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. 12°**Υ**'54'33 46°20'05 -5716 Jul 05 j 23:19 -5713 Jan 30 j 14:37 0°≈ morning max el -5716 Jul 22 j 11:50 0°8 -5713 Feb 13 j 00:57 16°≈00'04 asc. node -5716 Aug 17 j 23:53 -5713 Feb 24 j 23:07  $\mathbb{I}^{\circ 0}$ 0°**)**€ -5716 Aug 28 j 09:52 12°**Ⅲ**21′12  $0^{\circ}\Upsilon$ -5713 Mar 23 j 06:51 asc. node -5713 Apr 20 j 12:49 -5716 Sep 11 j 23:55 0ಂಣ 0°8 -5716 Oct 06 j 07:38  $0^{\circ}\Omega$ evening max el -5713 Apr 28 j 09:07 7°**8**39'58 45°28'02 -5716 Oct 30 j 09:39 0° m -5713 May 25 j 19:19  $\Pi$  $^{\circ}0$ -5716 Nov 23 j 11:59 0∘ଫ desc. node -5713 Jun 05 j 04:34 5°**Ⅱ**15'58 -5716 Dec 17 j 17:06 0°M greatest brilliancy -5713 Jun 06 j 10:23 5°**Ⅱ**42'43 -4.8m desc. node -5716 Dec 18 j 11:45  $0^{\circ}$ M $_{57'35}$ retrograde -5713 Jun 16 j 07:06 7°**Ⅲ**27'58 morning set -5715 Jan 10 j 16:20 29°M33'26 evening set -5713 Jul 02 j 03:00 2°**Ⅱ**46'48 0°**∡** -5713 Jul 06 j 22:04 -5715 Jan 11 j 00:58 30°₽₩ -5713 Jul 07 j 07:38 -5715 Feb 04 j 10:31 0°궁 inferior conj 29°**8**45'38 -6°48'52 minimum elong -5713 Jul 06 j 21:12  $0^{\circ}\Pi01'19$ 6°46'33 superior conj -5715 Feb 18 j 04:05 16°る51'54 -1°21'52 min. Earth dist. -5713 Jul 07 j 13:24 29°**8**36'57 0.27413 AU minimum elong -5715 Feb 18 j 06:37 16°る59'44 1°22'11 morning rise -5713 Jul 11 j 14:57 27°812'54 max. Earth dist. -5715 Feb 18 j 15:57 17°る28'22 1.73596 AU direct -5713 Jul 28 j 07:37 21°855'19 -5715 Feb 28 j 20:47 greatest brilliancy -5713 Aug 08 j 08:53 24°**8**10'09 -4.9m -5715 Mar 25 j 07:29 0°**)**€ -5713 Aug 19 j 07:14  $0^{\circ}\Pi$ evening rise -5715 Mar 26 j 15:56 1°**)**(39'31 morning max el -5713 Sep 16 j 22:36 24°**I**57'03 46°48'58 asc. node -5715 Apr 09 j 23:50 19° **₩** 13'52 -5713 Sep 21 j 19:30 0ಂತಾ -5715 Apr 18 i 18:45 asc. node -5713 Sep 25 j 21:19 4°9520'22 -5715 May 13 i 06:57 0°8 -5713 Oct 18 j 17:25  $0^{\circ}\Omega$ -5715 Jun 06 i 20:55  $\mathbb{I}^{\circ 0}$ -5713 Nov 13 i 01:29 0° m -5715 Jul 01 j 14:27 0ಂತಾ -5713 Dec 07 j 21:38 0∘**⊽** -5715 Jul 26 j 15:11  $0^{\circ}\Omega$ -5712 Jan 01 j 15:10 0°M -5715 Jul 31 j 00:51 -5712 Jan 16 j 00:08 17°M26'16 5°**Ω**13'12 desc node desc node 0° M -5712 Jan 26 j 08:33 0°×7 -5715 Aug 21 j 06:24 -5715 Sep 17 j 06:54 -5712 Feb 20 j 01:18 0°정 0∘ഹ -5715 Sep 24 j 02:45 7°**2**06'27 47°36'46 -5712 Mar 15 j 16:11 0°≈ evening max el -5715 Oct 19 j 08:28 0°M -5712 Mar 21 j 12:46 7°≈09'25 morning set greatest brilliancy 0°) -5715 Nov 03 j 17:31 9°M02'09 -5712 Apr 09 j 04:23 -4.9m -5715 Nov 14 j 06:23 max. Earth dist. -5712 Apr 22 j 23:56 16°**⊁**58'38 1.73483 AU retrograde 11°M10'10 -5715 Nov 20 j 16:58 asc. node 10°M₁7'45 -5715 Nov 29 j 02:23 -5712 Apr 26 j 05:15 evening set 6°**™**41'07 superior conj 20°**)** 56'40 -0°25'58 -5715 Dec 04 j 02:52 -5712 Apr 26 j 10:04 min. Earth dist. 3°M37'49 0.27499 AU minimum elong 21°**X**11'30 0°25'51  $0^{\circ}\Upsilon$ inferior conj -5715 Dec 05 j 03:32 2°M58'35 3°27'36 -5712 May 03 j 13:34 -5715 Dec 04 j 20:45 3°M09'23 3°25'32 -5712 May 07 j 12:43 4°Y53'28 minimum elong asc. node -5715 Dec 09 j 23:30 30°**₹**Ω -5712 May 27 j 19:52 0°8 -5715 Dec 10 j 16:07 29°**£**36'16 evening rise -5712 May 31 j 18:38 4°853'43 morning rise -5715 Dec 25 j 19:07 25°**2**03'16 -5712 Jun 20 j 23:56  $\Pi^{\circ}0$ direct -5714 Jan 03 j 15:30 -5712 Jul 15 j 03:07 0ಂತಾ greatest brilliancy 26°**₽**31'34 -4.8m -5714 Jan 11 j 14:51 -5712 Aug 08 j 07:26 0°M 0° $\Omega$ -5714 Feb 12 j 18:19  $25^{\circ}$ M $_28'08$ 46°00'54 -5712 Aug 27 j 13:01 23°**Ω**44'17 morning max el desc. node -5712 Sep 01 j 15:20 -5714 Feb 17 j 09:59 0° **₹** 0° M 24°×725'41 desc. node -5714 Mar 12 j 21:39 -5712 Sep 26 i 05:51 0∘**⊽** -5714 Mar 18 i 00:21 0°정 -5712 Oct 21 i 08:41 0°M -5714 Apr 13 i 16:15 0°≈ -5712 Nov 16 j 14:22 0°×7 -5714 May 09 j 08:29 0°**)**€ -5712 Dec 03 i 18:22 18°**✗**10'52 46°20'32 evening max el -5714 Jun 03 j 08:36  $0^{\circ}\Upsilon$ -5712 Dec 16 j 03:06 0°궁 -5714 Jun 27 j 20:19 0°8 -5712 Dec 18 j 04:04 1°る48'24 asc node -5714 Jul 03 j 11:57 6°859'50 -5711 Jan 11 j 17:12 18°る12'51 -4.8m asc. node greatest brilliancy -5714 Jul 21 j 22:36  $\mathbb{I}^{\circ 0}$ -5711 Jan 22 j 17:41 20°る28'50 retrograde -5714 Aug 08 j 12:27 22°**Ⅲ**05'50 evening set -5711 Feb 09 j 10:50 14°る23'13 morning set -5714 Aug 14 j 18:45 0ಂತಾ -5711 Feb 13 j 03:22 12°る03'33 8°10'30 inferior conj -5711 Feb 13 j 04:05 8°10'08 -5714 Sep 07 j 12:24  $0^{\circ}\Omega$ 12°**る**02'24 minimum elong -5711 Feb 13 j 01:18 12°**る**06'52 0.29374 AU min. Earth dist. -5714 Sep 17 j 08:27 12°**Ω**25'49 1°10'40 -5711 Feb 16 j 21:27 9°**る**41'33 superior conj morning rise -5714 Sep 17 j 18:49 -5711 Mar 06 j 18:23 3°**る**36'17 minimum elong 12°**Ω**58'34 1°10'41 direct -5714 Sep 19 j 23:39 5°**ප**16'18 max. Earth dist. 15°**Ω**45'19 1.70814 AU greatest brilliancy -5711 Mar 16 j 08:30 -4.7m -5714 Oct 01 j 06:45 0° m desc. node -5711 Apr 09 j 08:44 19°**る**48'51 desc. node -5714 Oct 23 j 12:15 27° m 56'01 -5711 Apr 21 j 01:35 0°≈ -5714 Oct 25 j 03:51 0∘**⊽** morning max el -5711 Apr 24 j 15:28 3°≈21'27 45°52'25 evening rise -5714 Oct 30 j 00:55 6°**2**06'14 -5711 May 20 j 14:33 0°**)**€  $0^{\circ}\Upsilon$ -5714 Nov 18 j 04:37 0°M -5711 Jun 16 j 06:27 -5714 Dec 12 j 09:33 0°×7 -5711 Jul 11 j 14:30 0°8 -5713 Jan 05 j 19:53 0°る -5711 Jul 31 j 00:11 23°**8**39'43 asc. node

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5711 Aug 05 j 03:23  $0^{\circ}II$ -5708 Apr 01 j 18:22 26°**₩**08'05 retrograde -5711 Aug 29 j 04:31 0ಂತಾ -5708 Apr 17 j 07:08 21°**H**35'16 evening set -5711 Sep 21 j 23:59  $0^{\circ}\Omega$ -5708 Apr 23 j 04:26 18°**)**€04'49 3°03'29 inferior conj -5708 Apr 23 j 10:38 17°**¥**55'11 -5711 Oct 15 j 18:44 0° m 3°01'44 minimum elong -5711 Oct 23 j 15:55 9°**m** 55'07 -5708 Apr 24 j 02:09 morning set min. Earth dist. 17°**)** 31'04 0.28879 AU -5708 Apr 29 j 13:25 -5711 Nov 08 j 15:57 0∘ଫ morning rise 14°**₩**16'14 -5711 Nov 20 j 01:03 desc. node 14°**£**13'32 desc. node -5708 May 06 j 19:40 11°**)** 03'25  $0^{\circ}$ M -5711 Dec 02 j 16:48 direct -5708 May 15 j 00:20 9°**)** 44'47 greatest brilliancy -5708 May 26 j 04:04 11°**米**57'50 -4.7m superior conj -5711 Dec 04 j 22:48  $2^{\circ}$ ML47'56  $-0^{\circ}33'24$ -5708 Jun 22 j 03:54  $0^{\circ}\Upsilon$ minimum elong -5711 Dec 04 j 14:36  $2^{\circ}$ ML22'28  $0^{\circ}33'12$ morning max el -5708 Jul 03 j 13:47 10°**Ƴ**37'40 46°18'55 max. Earth dist. -5711 Dec 09 j 16:14 8°M40'30 1.72158 AU -5708 Jul 22 j 05:23 0°8 -5708 Aug 17 j 14:17 -5711 Dec 26 j 21:02 0°×7  $0^{\circ}\Pi$ evening rise -5710 Jan 14 j 06:18 22° 🖍 42'51 asc. node -5708 Aug 27 j 12:12 11°**Ⅱ**46'55 -5710 Jan 20 j 04:14 0°ರ -5708 Sep 11 j 12:59 0ಂತಾ -5710 Feb 13 j 14:45 0°≈ -5708 Oct 05 j 20:03  $0^{\circ}\Omega$ -5710 Mar 10 j 05:52 0°**)**€ -5708 Oct 29 j 21:41 0° m asc. node -5710 Mar 12 j 13:24 2°**)**48'14 -5708 Nov 22 j 23:43 0∘**ত** -5710 Apr 04 j 03:21  $0^{\circ}\Upsilon$ -5708 Dec 17 j 04:35 -5710 Apr 29 j 09:40 0°8 desc. node -5708 Dec 17 j 13:46 0°M28'22 -5710 May 25 j 05:24  $0^{\circ}\Pi$ morning set -5707 Jan 08 j 05:24 27°M11'10 -5710 Jun 21 i 02:38 0ಂತಾ -5707 Jan 10 j 12:14 0°×7 -5710 Jul 02 i 15:31 12°9512'13 -5707 Feb 03 j 21:37 0°정 desc. node evening max el -5710 Jul 11 i 01:27 20°9542'15 46°59'54 -5710 Jul 20 j 20:42  $0^{\circ}\Omega$ -5707 Feb 15 i 20:55 14°る42'18 -1°22'16 superior conj -5710 Aug 21 j 06:12 21°**Ω**15'51 -5707 Feb 15 j 22:47 14°る48'02 1°22'36 greatest brilliancy -4 9m minimum elong -5710 Aug 30 j 09:10 22°**Ω**49'43 -5707 Feb 16 j 11:30 15°る27'05 1.73567 AU max. Earth dist. retrograde -5710 Sep 16 j 02:08 17°**Ω**25'27 -5707 Feb 28 j 07:50 0°≈≈ evening set -5710 Sep 19 j 22:50 15°**Ω**06'32 -7°20'32 29°≈35'32 -5707 Mar 24 j 10:36 inferior conj evening rise -5710 Sep 20 j 09:09 14°**Ω**50'49 7°18'19 -5707 Mar 24 j 18:35 0°**₩** minimum elong -5707 Apr 09 j 01:59 -5710 Sep 20 j 00:26 15°**Ω**04'05 0.26496 AU 18°**)**46'14 min. Earth dist. asc. node -5710 Sep 24 j 16:13  $0^{\circ}$ 12°**Ω**18'47 -5707 Apr 18 j 06:00 morning rise  $0^{\circ}$ 8 -5710 Oct 10 j 05:45 7°**£**32′07 -5707 May 12 j 18:31 direct -5710 Oct 20 j 11:15 9°**Ω**33'07 -5707 Jun 06 j 08:59  $0^{\circ}\Pi$ greatest brilliancy -4.9m -5710 Oct 23 j 08:12 -5707 Jul 01 j 03:16 asc. node 10°**Ω**45'38 0.00 -5707 Jul 26 j 05:09 -5710 Nov 18 j 14:49 0° M  $0^{\circ}\Omega$ -5707 Jul 30 j 03:05 morning max el -5710 Nov 29 j 17:01 10° To 45'00 46°36'26 desc. node 4°**Ω**37'46 -5710 Dec 17 j 22:55 0∘**⊽** -5707 Aug 20 j 22:25 0° m -5709 Jan 13 j 16:09 0°M -5707 Sep 17 j 03:45 0∘**⊽** -5709 Feb 08 j 13:07 0°**√** -5707 Sep 21 j 16:40 4°**2**41'33 47°37'35 evening max el desc. node -5709 Feb 12 j 12:13 4°**х**³38'38 -5707 Oct 20 j 06:48 0°M -5709 Mar 05 j 23:44 0°る -5707 Nov 01 j 10:15  $6^{\circ}$ ML40'54 -4.9m greatest brilliancy -5709 Mar 31 j 02:24 -5707 Nov 11 j 20:52 8°M47'14 0°≈ retrograde -5709 Apr 24 j 21:45 0°**)**€ -5707 Nov 19 j 19:07 7°M27'57 asc. node -5709 May 19 j 10:07  $0^{\circ}\Upsilon$ -5707 Nov 26 j 15:56 4°M20'13 evening set 10°**Y**41′50 -5709 May 28 j 02:17 min. Earth dist. -5707 Dec 01 i 18:18 1°ML14'42 0.27429 AU morning set 20°**Ƴ**33'16 asc. node -5709 Jun 05 i 01:27 -5707 Dec 02 j 18:08 0°MJ36'52 3°07'42 inferior conj -5709 Jun 12 j 16:01 0°8 minimum elong -5707 Dec 02 i 11:53 0°ML46'48 3°05'47 max. Earth dist. -5709 Jun 29 j 06:01 20°841'04 1.71907 AU -5707 Dec 03 j 17:23 30°R<u>₽</u> -5707 Dec 08 j 08:43 27°**£**11'46 morning rise -5709 Jul 03 j 14:37 26°808'14 1°00'11 -5707 Dec 23 j 08:18 22°**-**42'31 superior coni direct -5709 Jul 03 j 05:37 25°840'05 1°00'09 -5706 Jan 01 j 06:52 24°**£**12'27 -4.8m minimum elong greatest brilliancy -5709 Jul 06 j 16:38  $0^{\circ}II$ -5706 Jan 13 j 04:42 oom. -5709 Jul 30 j 13:56 0ಂತಾ morning max el -5706 Feb 10 j 08:14 23°M10'04 46°01'55 -5706 Feb 17 j 07:18 -5709 Aug 10 j 08:49 13°933'58 0° **₹** evening rise -5706 Mar 11 j 23:54 -5709 Aug 23 j 10:26  $0^{\circ}\Omega$ desc. node 23°×47'20 -5709 Sep 16 j 08:31 0° m -5706 Mar 17 j 16:02 0°정 -5709 Sep 25 j 01:34 10° m 53'17 -5706 Apr 13 j 05:45 desc. node 0°≈ -5709 Oct 10 j 09:54 0∘<u>ଫ</u> 0°**)**€ -5706 May 08 j 20:52 0°M -5706 Jun 02 j 20:23  $0^{\circ}\Upsilon$ -5709 Nov 03 j 16:05 -5706 Jun 27 j 07:47 0°8 -5709 Nov 28 j 05:48 0°**√** 

-5706 Jul 02 j 14:00

-5706 Jul 21 j 09:55

-5706 Aug 06 j 02:05

-5706 Aug 14 j 06:02

-5706 Sep 06 j 23:42

asc. node

morning set

6°**8**30'47

19°**Ⅲ**41'58

 $0^{\circ}\Pi$ 

0ಂತಾ

 $0^{\circ}\Omega$ 

-5709 Dec 23 j 09:17

-5708 Jan 15 j 15:17

-5708 Jan 18 j 16:50

-5708 Feb 13 j 16:32

-5708 Feb 16 j 21:31

-5708 Mar 22 j 05:46

asc. node

evening max el

greatest brilliancy

0°ಕ

0°≈

0°**)**€

26°る36'38

26°≈57'55 45°08'03

24°**)**€09'52 -4.7m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. morning rise -5706 Sep 14 j 18:55 9° Ω51'37 1°12'41 -5703 Feb 14 j 13:35 7°る33'48 superior conj -5706 Sep 15 j 04:46 10°Ω22'42 1°12'43 -5703 Mar 04 j 11:34 1°る27'41 direct minimum elong -5706 Sep 17 j 03:12 greatest brilliancy -5703 Mar 13 j 22:52 3°る05'49 max. Earth dist. 12°**Ω**49'19 1.70808 AU -4.7m -5706 Sep 30 j 18:04 0° M -5703 Apr 08 j 10:49 18°る48'44 desc. node 27° m 26'49 -5706 Oct 22 j 14:19 -5703 Apr 21 j 01:13 desc. node 0°≈ -5706 Oct 24 j 15:14 0∘**⊽** morning max el -5703 Apr 22 j 08:18 1°≈13'35 45°51'55 evening rise -5706 Oct 27 j 09:28 3°**£**27'13 -5703 May 20 j 06:46 0°**∀**  $0^{\circ}\Upsilon$ -5706 Nov 17 j 16:06  $0^{\circ}M$ -5703 Jun 15 j 20:12  $0^{\circ}$ 8 -5706 Dec 11 j 21:10 0°**∡** -5703 Jul 11 j 03:08 -5705 Jan 05 j 07:45 0°궁 asc. node -5703 Jul 30 j 02:26 23°**8**09'17 -5705 Jan 30 j 02:58 0°≈ -5703 Aug 04 j 15:25  $0^{\circ}\Pi$ asc. node -5705 Feb 12 j 03:14 15°≈28'57 -5703 Aug 28 j 16:15 0ಂತಾ -5705 Feb 24 j 12:29 0°**)**€ -5703 Sep 21 j 11:33 0° $\Omega$ -5705 Mar 22 j 22:25  $0^{\circ}\Upsilon$ -5703 Oct 15 j 06:11 0° m -5705 Apr 20 j 10:06 0°8 morning set -5703 Oct 21 j 01:49 7° m 19'27 evening max el -5705 Apr 25 j 23:21 5°**8**22'54 45°25'50 -5703 Nov 08 j 03:19 0∘**⊽** -5705 May 27 j 09:31  $0^{\circ}\Pi$ desc. node -5703 Nov 19 j 03:05 13°**£**44'41 greatest brilliancy -5705 Jun 03 j 21:27 3°**Ⅱ**19′29 -4.8m desc. node -5705 Jun 04 j 06:39 3°**Ⅲ**27'14 superior conj -5703 Dec 02 j 09:13 0°M16'05 -0°29'53 retrograde -5705 Jun 13 j 20:32 5°**Ⅱ**06'29 minimum elong -5703 Dec 02 j 01:43 29°**♀**52'45 0°29'42 evening set -5705 Jun 29 j 12:36 0°**Ⅲ**29'32 -5703 Dec 02 j 04:03 0°M -5705 Jun 30 j 10:00 30°R₩ max. Earth dist. -5703 Dec 07 i 08:15 6°M26'15 1.72095 AU inferior conj -5705 Jul 04 i 20:47 27°**8**23'27 -6°33'38 -5703 Dec 26 i 08:12 0°×7 -5705 Jul 04 i 10:17 27°**8**39'14 6°31'13 -5702 Jan 11 i 20:47 20° **₹**25'13 minimum elong evening rise min. Earth dist. -5705 Jul 05 j 02:37 27°814'42 0.27454 AU -5702 Jan 19 j 15:23 0°궁 -5705 Jul 09 j 07:33 24°**8**46'06 -5702 Feb 13 j 02:01 0°≈≈ morning rise -5705 Jul 25 j 22:00 19°**8**32'15 -5702 Mar 09 j 17:26 0°\ direct -5702 Mar 11 j 15:29 -5705 Aug 05 j 23:16 21°**8**47'33 -4 9m 2° ¥ 19'26 greatest brilliancy asc node -5705 Aug 20 j 07:55 -5702 Apr 03 j 15:30  $0^{\circ}\Upsilon$  $0^{\circ}\Pi$  $0^{\circ}$ 8 22°II33'37 46°48'44 -5702 Apr 28 j 22:49 -5705 Sep 14 j 13:09 morning max el -5702 May 24 j 20:20 0ಂತಾ -5705 Sep 21 j 16:20  $0^{\circ}\Pi$ 3°532'36 0ಂತಾ -5705 Sep 24 j 23:27 -5702 Jun 20 j 21:15 asc. node -5705 Oct 18 j 09:20 0° $\Omega$ -5702 Jul 01 j 17:44 11°522'48 desc. node -5705 Nov 12 j 15:24 -5702 Jul 08 j 14:44 0° m evening max el 18°**©**17'15 46°56'40 -5705 Dec 07 j 10:30 -5702 Jul 21 j 03:18 0∘**⊽**  $0^{\circ}\Omega$ -5704 Jan 01 j 03:23 -5702 Aug 18 j 18:27 0°M greatest brilliancy 18°**Ω**45′08 -4.9m desc. node -5704 Jan 15 j 02:17 16°M56'34 retrograde -5702 Aug 27 j 20:44 20°**Ω**18′00 -5704 Jan 25 j 20:19 0°**√** -5702 Sep 13 j 17:29 14°**Ω**49'37 evening set -5704 Feb 19 j 12:44 0°ರ -5702 Sep 17 j 10:43 12°**Ω**35'35 -7°34'26 inferior conj -5704 Mar 15 j 03:23 0°**≈** -5702 Sep 17 j 20:45 12°**Ω**20'19 7°32'22 minimum elong -5704 Mar 19 j 07:07 5°≈04'38 min. Earth dist. -5702 Sep 17 j 12:53 12°Ω32'18 0.26507 AU morning set -5704 Apr 08 j 15:27 0°**)**€ -5702 Sep 22 j 00:03 9°**£**53′23 morning rise max. Earth dist. -5704 Apr 20 j 23:09 15°¥08'23 1.73514 AU -5702 Oct 07 j 18:00 5°**Ω**01'22 direct -5702 Oct 18 j 00:10 7°**Ω**02'35 greatest brilliancy -4.9m -5704 Apr 24 j 00:14 18°**¥**53'16 -0°28'50 9°**Ω**00'20 superior conj asc. node -5702 Oct 22 j 10:19 minimum elong -5704 Apr 24 i 05:30 19°**¥**09'30 0°28'41 -5702 Nov 18 j 19:14 0° m -5704 May 03 i 00:38  $0^{\circ}\Upsilon$ -5702 Nov 27 i 05:26 8° m 16'12 46°37'37 morning max el 4°Υ25'34 asc. node -5704 May 06 j 14:44 -5702 Dec 17 i 16:59 0°Ω -5704 May 27 i 07:03 0°8 -5701 Jan 13 i 06:51 0°M -5704 May 29 j 13:27 2°848'32 -5701 Feb 08 j 02:10 0°×7 evening rise -5704 Jun 20 j 11:20  $0^{\circ}II$ -5701 Feb 11 j 14:27 4°**₹**07'21 desc node -5704 Jul 14 j 14:50 0ಂತಾ -5701 Mar 05 j 11:49 0°궁 -5704 Aug 07 j 19:32 -5701 Mar 30 j 13:56  $0^{\circ}\Omega$ 0°≈ -5704 Aug 26 j 15:13 desc. node 23°**Ω**12'44 -5701 Apr 24 j 08:58 0°**∀** -5704 Sep 01 j 03:55  $0^{\circ}\Upsilon$  $0^{\circ}$  mb -5701 May 18 j 21:11 -5704 Sep 25 j 19:10 0∘ଫ -5701 May 25 j 20:37 8°Y36'09 morning set 20°Y05'40 -5704 Oct 20 j 23:16 0°M -5701 Jun 04 j 03:33 asc. node -5701 Jun 12 j 03:03 0°8 -5704 Nov 16 j 07:52 0°×7 15°**₹**'57'49 -5701 Jun 26 j 20:16 evening max el -5704 Dec 01 j 11:01 46°23'47 max. Earth dist. 18°**8**21'04 1.71974 AU 0°₹ -5704 Dec 16 j 07:37 -5701 Jul 01 j 07:12 asc. node -5704 Dec 17 j 06:11 0°**る**48'44 superior conj 23°**8**55'21 0°57'51 greatest brilliancy -5703 Jan 09 j 09:49 16°**る**03'05 -4.8m minimum elong -5701 Jun 30 j 22:16 23°**8**27'23 0°57'47 retrograde -5703 Jan 20 j 11:30 18°**る**19'56 -5701 Jul 06 j 03:42  $\Pi$  $^{\circ}$ 0 evening set -5703 Feb 07 j 03:42 12°る14'35 -5701 Jul 30 j 01:08 0ಂತಾ inferior conj -5703 Feb 10 j 20:29 9°**ප**54'16 8°11'15 evening rise -5701 Aug 07 j 21:44 11°908'17 -5703 Feb 10 j 20:33 9°**る**54'10 -5701 Aug 22 j 21:48  $0^{\circ}\Omega$ minimum elong 8°10'55

min. Earth dist.

-5703 Feb 10 j 16:36

10°る00'30 0.29347 AU

-5701 Sep 15 j 20:05

0° M

•	nical year style is used: Th		•	· · ·			5° 11
desc. node	-5701 Sep 24 j 03:35	10° <b>m</b> ) 23'15			-5698 Apr 12 j 18:46	0° <b>≈</b>	
	-5701 Oct 09 j 21:41	0∘ <b>⊽</b>			-5698 May 08 j 08:50	0° <b>∀</b>	
	-5701 Nov 03 j 04:10	$0^{\circ}$ M.			-5698 Jun 02 j 07:47	$0^{\circ}$ Y	
	-5701 Nov 27 j 18:23	0° <b>∡</b> ¹			-5698 Jun 26 j 18:55	$0^{\circ}S$	
	-5701 Dec 22 j 22:54	ರ∘ರ		asc. node	-5698 Jul 01 j 16:16	6° <b>8</b> 03'22	
asc. node	-5700 Jan 14 j 17:35	25° <b>る</b> 59'45			-5698 Jul 20 j 20:58	$\Pi$ °0	
	-5700 Jan 18 j 08:53	0° <b>≈</b>		morning set	-5698 Aug 03 j 15:44	17° <b>Ⅱ</b> 18'59	
evening max el	-5700 Feb 11 j 06:51	24° <b>≈</b> 43'59	45°09'16		-5698 Aug 13 j 17:06	0ංම	
	-5700 Feb 16 j 21:40	0° <b>∀</b>			-5698 Sep 06 j 10:49	$0$ $^{\circ}$ $\Omega$	
greatest brilliancy	-5700 Mar 19 j 21:51	22° <b>₭</b> 02'07	-4.7m			0	
retrograde	-5700 Mar 30 j 10:08	24° <b>)</b> €00'41		superior conj	-5698 Sep 12 j 05:08	7° <b>Ω</b> 17'04	
evening set	-5700 Apr 15 j 01:23	19° <b>¥</b> 24'18	2021104	minimum elong	-5698 Sep 12 j 14:20	7° <b>Ω</b> 46'09	
inferior conj	-5700 Apr 20 j 20:49	15° <b>¥</b> 56′24		max. Earth dist.	-5698 Sep 14 j 07:50	9° <b>Ω</b> 57'13	1.70806 AU
minimum elong	-5700 Apr 21 j 03:29	15° <b>)</b> € 46'02		dd.	-5698 Sep 30 j 05:13	0° M)	
min. Earth dist.	-5700 Apr 21 j 18:57	15° <b>¥</b> 22'00	0.28930 AU	desc. node	-5698 Oct 21 j 16:22	26°Mp58'11 0° <b>⊆</b>	
morning rise desc. node	-5700 Apr 27 j 04:50 -5700 May 05 j 21:46	12° <b>)</b> €08'45 8° <b>)</b> €29'14		evening rise	-5698 Oct 24 j 02:25 -5698 Oct 24 j 17:31	0° <b>2</b> 47'13	
direct	-5700 May 12 j 16:26	7° <b>∺</b> 35'19		evening rise	-5698 Nov 17 j 03:21	0 <b>=</b> 4/13 0° <b>M</b>	
greatest brilliancy	-5700 May 12 j 10.20	9° <b>X</b> 48'32	4.7m		-5698 Dec 11 j 08:31	0° <b>⊼</b> ¹	
greatest offinancy	-5700 Jun 22 j 07:22	9 <b>Λ</b> (46 32	-4. / 111		-5697 Jan 04 j 19:19	0°る	
morning max el	-5700 Jul 01 j 04:56	8° <b>Υ</b> 22'32	46°17'39		-5697 Jan 29 j 15:01	0°≈	
morning max cr	-5700 Jul 21 j 22:36	0°8	40 17 37	asc. node	-5697 Feb 11 j 05:19	14° <b>≈</b> 58'12	
	-5700 Aug 17 j 04:34	0°II		ase. Houe	-5697 Feb 24 j 01:34	0° <b>\</b>	
asc. node	-5700 Aug 26 j 14:18	11° <b>Ⅱ</b> 12'09			-5697 Mar 22 j 13:45	0° <b>Υ</b>	
use. Houe	-5700 Sep 11 j 01:57	0°9			-5697 Apr 20 j 07:33	0°8	
	-5700 Oct 05 j 08:20	0°N		evening max el	-5697 Apr 23 j 14:37	3° <b>8</b> 10'01	45°23'47
	-5700 Oct 29 j 09:33	0° <b>m</b> )		v , v 8 v .	-5697 May 29 j 18:44	0°П	
	-5700 Nov 22 j 11:17	0∘ <u>v</u>		greatest brilliancy	-5697 Jun 01 j 08:54	0° <b>Ⅱ</b> 59'05	-4.8m
desc. node	-5700 Dec 16 j 15:55	0°ML00'03		desc. node	-5697 Jun 03 j 08:50	1° <b>Ⅱ</b> 36'38	
	-5700 Dec 16 j 15:53	0°M		retrograde	-5697 Jun 11 j 10:16	2° <b>Ⅱ</b> 47'24	
morning set	-5699 Jan 05 j 18:24	24°M49'07			-5697 Jun 23 j 10:20	30° <b>₹</b> 8	
	-5699 Jan 09 j 23:20	0° <b>∡</b> ¹		evening set	-5697 Jun 26 j 22:47	28° <b>8</b> 14'41	
	-5699 Feb 03 j 08:33	ರ∘ರ		inferior conj	-5697 Jul 02 j 10:16	25° <b>8</b> 03'46	-6°17'51
				minimum elong	-5697 Jul 01 j 23:46	25° <b>8</b> 19'32	
superior conj	-5699 Feb 13 j 13:56	12° <b>る</b> 33'49		min. Earth dist.	-5697 Jul 02 j 15:59		0.27499 AU
minimum elong	-5699 Feb 13 j 15:07	12° <b>る</b> 37'28		morning rise	-5697 Jul 07 j 00:23	22° <b>8</b> 21'42	
max. Earth dist.	-5699 Feb 14 j 06:05		1.73535 AU	direct	-5697 Jul 23 j 12:54	17° <b>8</b> 11'50	
	-5699 Feb 27 j 18:40	0° <b>≈</b>		greatest brilliancy	-5697 Aug 03 j 13:18	19° <b>8</b> 26'29	-4.9m
evening rise	-5699 Mar 22 j 05:32	27°≈33'10			-5697 Aug 21 j 01:27	0°II	
	-5699 Mar 24 j 05:25	0° <b>\</b>		morning max el	-5697 Sep 12 j 03:44	20° <b>Ⅱ</b> 11'26	46°48'03
asc. node	-5699 Apr 08 j 04:02	18° <b>)</b> 19'04			-5697 Sep 21 j 12:11	0°©	
	-5699 Apr 17 j 17:01	0° <b>Υ</b>		asc. node	-5697 Sep 24 j 01:34	2°546'20	
	-5699 May 12 j 05:53	0°B			-5697 Oct 18 j 00:49	0° <b>N</b>	
	-5699 Jun 05 j 20:55	0ಂಬ $\Pi$			-5697 Nov 12 j 05:02	0 <b>்⊽</b> 0∘∭	
	-5699 Jun 30 j 16:02	0° <b>U</b>			-5697 Dec 06 j 23:07	0°M	
dasa nada	-5699 Jul 25 j 19:10	0°37 4°Ω02'07		desc. node	-5697 Dec 31 j 15:19	16°M27'56	
desc. node	-5699 Jul 29 j 05:15 -5699 Aug 20 j 14:37	4°3202'07 0° Mp		uese. Houe	-5696 Jan 14 j 04:28 -5696 Jan 25 j 07:45	10°1162/30 0° <b>√</b>	
	-5699 Sep 17 j 01:10	0∘ <del>ত</del> اللا			-5696 Feb 18 j 23:48	0°る	
evening max el	-5699 Sep 19 j 06:43	o <b>_</b> 2° <b>_</b> 17'24	47°38'31		-5696 Mar 14 j 14:12	0° <b>≈</b>	
2. J.	-5699 Oct 21 j 13:13	2 <u>−</u> 1/2 <del>4</del> 0°M	., 5051	morning set	-5696 Mar 17 j 01:32	3° <b>≈</b> 01'14	
greatest brilliancy	-5699 Oct 30 j 02:24	4° <b>ጤ</b> 19'17	-4.9m	morning sec	-5696 Apr 08 j 02:09	0° <b>∀</b>	
retrograde	-5699 Nov 09 j 11:36	6° <b>M</b> 24'49		max. Earth dist.	-5696 Apr 18 j 21:39		1.73540 AU
asc. node	-5699 Nov 18 j 21:17	4°M33'22			1 3		
evening set	-5699 Nov 24 j 05:36	1°M59'16		superior conj	-5696 Apr 21 j 19:31	16° <b>¥</b> 51'59	-0°31'37
	-5699 Nov 27 j 14:08	30° <b>Ŗ</b> Ω		minimum elong	-5696 Apr 22 j 01:13	17° <b>¥</b> 09'33	0°31'28
min. Earth dist.	-5699 Nov 29 j 09:23	28° <b>ჲ</b> 52'16	0.27357 AU	-	-5696 May 02 j 11:19	0° <b>Υ</b>	
inferior conj	-5699 Nov 30 j 08:39	28° <b>≏</b> 15′28	2°47'26	asc. node	-5696 May 05 j 16:55	3° <b>Y</b> 59'20	
minimum elong	-5699 Nov 30 j 02:58	28° <b>≏</b> 24'27	2°45'39		-5696 May 26 j 17:51	0°8	
morning rise	-5699 Dec 06 j 01:10	24° <b>₽</b> 48'03		evening rise	-5696 May 27 j 08:41	0° <b>8</b> 45'58	
direct	-5699 Dec 20 j 21:37	20° <b>ჲ</b> 22'02			-5696 Jun 19 j 22:20	$\Pi$ °0	
greatest brilliancy	-5699 Dec 29 j 21:50	21° <b>≏</b> 53'34	-4.8m		-5696 Jul 14 j 02:08	0∘ <b>©</b>	
	-5698 Jan 14 j 06:58	$0^{\circ}$ M			-5696 Aug 07 j 07:15	$0$ ° $\Omega$	
morning max el	-5698 Feb 07 j 23:08	20°M55'06	46°03'02	desc. node	-5696 Aug 25 j 17:13	22° <b>Ω</b> 41'30	
	-5698 Feb 17 j 03:34	0° <b>∡</b> ¹			-5696 Aug 31 j 16:13	0° <b>m</b> y	
desc. node	-5698 Mar 11 j 01:53	23° <b>х</b> 09'37			-5696 Sep 25 j 08:18	0∘ <b>⊽</b>	
	-5698 Mar 17 j 07:09	0°ප			-5696 Oct 20 j 13:49	0° <b>M</b> ₊	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 42 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi	cal year style is used: Th	e year -5899 i	n astronomical cou	nting style is the year	5900 BCE in historical co	ounting style.	
	-5696 Nov 16 j 01:35	0°⊀		morning set	-5693 May 23 j 15:00	6° <b>Ƴ</b> 31'18	
evening max el	-5696 Nov 29 j 03:30	13° <b>∡</b> ⁴44'33	46°27'07	asc. node	-5693 Jun 03 j 05:44	19° <b>Ƴ</b> 38'55	
asc. node	-5696 Dec 16 j 08:29	29° <b>∡¹</b> 48'31			-5693 Jun 11 j 13:52	$9^{\circ}$ 8	
	-5696 Dec 16 j 13:57	0°ප		max. Earth dist.	-5693 Jun 24 j 12:49	16° <b>8</b> 08'54	1.72039 AU
greatest brilliancy	-5695 Jan 07 j 03:10	13° <b>る</b> 54'30	-4.8m				
retrograde	-5695 Jan 18 j 04:57	16° <b>ට</b> 11'16		superior conj	-5693 Jun 29 j 00:04	21° <b>8</b> 44'01	
evening set	-5695 Feb 04 j 20:18	10° <b>る</b> 06'55		minimum elong	-5693 Jun 28 j 15:14	21° <b>8</b> 16'25	0°55'22
inferior conj	-5695 Feb 08 j 13:33	7° <b>る</b> 45'32			-5693 Jul 05 j 14:36	0° <b>I</b> I	
minimum elong	-5695 Feb 08 j 12:56	7° <b>る</b> 46'32			-5693 Jul 29 j 12:09	0°9	
min. Earth dist.	-5695 Feb 08 j 08:01		0.29310 AU	evening rise	-5693 Aug 05 j 11:19	8°9545'21	
morning rise	-5695 Feb 12 j 05:48	5° <b>පි</b> 26'11			-5693 Aug 22 j 08:59	0°N	
	-5695 Feb 24 j 09:30	30°₹ <b>⋌</b>			-5693 Sep 15 j 07:27	0° <b>m</b> )	
direct	-5695 Mar 02 j 04:30	29° <b>∡</b> 19'51		desc. node	-5693 Sep 23 j 05:43	9° <b>т</b> 54'13	
	-5695 Mar 08 j 03:41	0°る			-5693 Oct 09 j 09:16	0° <b>™</b>	
greatest brilliancy	-5695 Mar 11 j 13:10	0°る55'56	-4.7m		-5693 Nov 02 j 16:05	0° <b>M</b>	
desc. node	-5695 Apr 07 j 13:00	17°る51'12	45051122		-5693 Nov 27 j 06:52	0° <b>⊼</b>	
morning max el	-5695 Apr 20 j 00:16	29° <b>る</b> 04'38	45°51'33		-5693 Dec 22 j 12:32	0°る	
	-5695 Apr 20 j 23:28	0° <b>≈</b>		asc. node	-5692 Jan 13 j 19:40	25° <b>පි</b> 22'00	
	-5695 May 19 j 22:18	0° <b>)</b> €			-5692 Jan 18 j 01:11	0°≈	45010105
	-5695 Jun 15 j 09:26	$\gamma_{00}$		evening max el	-5692 Feb 08 j 21:19	22°≈30'15	45°10'35
	-5695 Jul 10 j 15:18	0°8			-5692 Feb 16 j 23:10	0° <b>)</b> {	
asc. node	-5695 Jul 29 j 04:32	22° <b>8</b> 39'39		greatest brilliancy	-5692 Mar 17 j 13:29	19° <b>)</b> ₹53'39	-4.7m
	-5695 Aug 04 j 03:02	0° <b>Ⅱ</b>		retrograde	-5692 Mar 28 j 02:23	21° <b>)</b> 53'10	
	-5695 Aug 28 j 03:35	0° <b>©</b>		evening set	-5692 Apr 12 j 19:40	17° <b>升</b> 12′58	2020116
	-5695 Sep 20 j 22:44	0° <b>Ω</b>		inferior conj	-5692 Apr 18 j 13:08	13° <b>)</b> (47'47	
	-5695 Oct 14 j 17:20	0° Mp		minimum elong	-5692 Apr 18 j 20:15		3°36'20
morning set	-5695 Oct 18 j 11:42	4° <b>m</b> 44'33		min. Earth dist.	-5692 Apr 19 j 11:27	13° <b>¥</b> 13′07	0.28978 AU
1 1	-5695 Nov 07 j 14:25	0° <b>⊽</b>		morning rise	-5692 Apr 24 j 20:05	10° <b>)</b> €01'32	
desc. node	-5695 Nov 18 j 05:16	13° <b>≏</b> 16'58		desc. node	-5692 May 04 j 23:59	5° <b>H</b> 59'29	
	5605 N 20 : 10 06	270 0 4210 4	0007117	direct	-5692 May 10 j 08:36	5° <b>)</b> €25'41	4.7
superior conj	-5695 Nov 29 j 19:06	27° <b>£</b> 43'04		greatest brilliancy	-5692 May 21 j 13:23	7° <b>ℋ</b> 39'12 0° <b>Ƴ</b>	-4.7m
minimum elong	-5695 Nov 29 j 12:23	27° <b>Ω</b> 22'10	0-2603	marring may al	-5692 Jun 22 j 09:13	0° <b>γ</b> 6° <b>Υ</b> 09'45	46016127
F 41 11 4	-5695 Dec 01 j 15:06	0°M,	1 72024 ATT	morning max el	-5692 Jun 28 j 20:50		40°10'27
max. Earth dist.	-5695 Dec 04 j 23:19		1.72034 AU		-5692 Jul 21 j 15:23	0° <b>B</b>	
avanina riaa	-5695 Dec 25 j 19:10	0°×7 10°×705140		aga mada	-5692 Aug 16 j 18:36	0° <b>Ⅱ</b> 10° <b>Ⅱ</b> 37'47	
evening rise	-5694 Jan 09 j 10:31 -5694 Jan 19 j 02:20	18°♂05'40 0°♂		asc. node	-5692 Aug 25 j 16:21 -5692 Sep 10 j 14:47	10 <b>ப</b> 3/4/	
	-5694 Feb 12 j 13:05	0°≈			-5692 Oct 04 j 20:31	0° <b>U</b>	
	-5694 Mar 09 j 04:47	0° <b>∺</b>			-5692 Oct 28 j 21:19	0° <b>m</b>	
asc. node	-5694 Mar 10 j 17:33	0 <b>X</b> 1° <b>¥</b> 51'16			-5692 Nov 21 j 22:45	0° <del>ت</del> رازا	
asc. node	-5694 Apr 03 j 03:27	0° <b>Υ</b>		desc. node	-5692 Dec 15 j 18:02	0 <b>=</b> 29° <b>£</b> 31'55	
	-5694 Apr 28 j 11:46	0°8		desc. Hode	-5692 Dec 16 j 03:07	0° <b>M</b>	
	-5694 May 24 j 11:07	0°II		morning set	-5691 Jan 03 j 07:17	22°M26'42	
	-5694 Jun 20 j 15:56	0°©		morning set	-5691 Jan 09 j 10:22	0° <b>×</b> 7	
desc. node	-5694 Jun 30 j 19:58	10°933'41			-5691 Feb 02 j 19:29	0°ਤ	
evening max el	-5694 Jul 06 j 03:14	15°951'33	46°53'28		-50711 co 02 j 17.27	0 0	
evening max er	-5694 Jul 21 j 11:41	0°Ω	40 33 20	superior conj	-5691 Feb 11 j 06:39	10° <b>පි</b> 24'18	-1°22'42
greatest brilliancy	-5694 Aug 16 j 07:17	16° <b>Ω</b> 16'51	-4 9m	minimum elong	-5691 Feb 11 j 07:08	10° <b>3</b> 25'48	
retrograde	-5694 Aug 25 j 08:05	17° <b>Ω</b> 48'29	4.7111	max. Earth dist.	-5691 Feb 12 j 00:15		1.73509 AU
evening set	-5694 Sep 11 j 08:55	12°Ω16'00		max. Earth dist.	-5691 Feb 27 j 05:33	0°≈	1.75507710
inferior conj	-5694 Sep 14 j 22:55	10° <b>Ω</b> 06'48	-7°47'06	evening rise	-5691 Mar 20 j 00:07	25°≈29'33	
minimum elong	-5694 Sep 15 j 08:32	9° <b>£</b> 52'08		evening rise	-5691 Mar 23 j 16:21	0° <b>∀</b>	
min. Earth dist.	-5694 Sep 15 j 01:47		0.26522 AU	asc. node	-5691 Apr 07 j 06:14	17° <b>¥</b> 52'01	
morning rise	-5694 Sep 19 j 08:07	7° <b>Ω</b> 30'13	0.20322710	use. Houe	-5691 Apr 17 j 04:07	0° <b>Υ</b>	
direct	-5694 Oct 05 j 06:04	2° <b>£</b> 3013			-5691 May 11 j 17:21	0°8	
greatest brilliancy	-5694 Oct 15 j 13:48	4° <b>Ω</b> 34'34	-4.9m		-5691 Jun 05 j 08:57	0°II	
asc. node	-5694 Oct 21 j 12:33	7° <b>Ω</b> 20'44	4.7111		-5691 Jun 30 j 04:55	0°©	
use. Houe	-5694 Nov 18 j 21:35	0°m/			-5691 Jul 25 j 09:20	$0 {\circ} \mathcal{U}$	
morning max el	-5694 Nov 24 j 17:25	5° Mp 46'57	46°38'34	desc. node	-5691 Jul 28 j 07:15	3° <b>Ω</b> 25'43	
	-5694 Dec 17 j 10:24	0° <b>ت</b>	.0 5551	Loos. House	-5691 Aug 20 j 07:07	0° <b>m</b>	
	-5693 Jan 12 j 21:14	0° <b>m</b>			-5691 Sep 16 j 23:24	0∘ <del>ত</del> بالا	
	-5693 Feb 07 j 15:01	0° <b>⊼</b> 7		evening max el	-5691 Sep 16 j 21:38	29° m 55'30	47°39'22
desc. node	-5693 Feb 10 j 16:26	0 <b>x</b> . 3° <b>x</b> 35'48		evening max ci	-5691 Oct 23 j 09:47	29 11(33330 0°M	TI 37 44
aese. noue	-5693 Mar 04 j 23:45	0°る		greatest brilliancy	-5691 Oct 27 j 18:04	1°M56'53	-4.9m
	-5693 Mar 30 j 01:18	0°≈		retrograde	-5691 Nov 07 j 02:51	4°M02'10	1./111
	-5693 Apr 23 j 20:00	0° <b>∺</b>		asc. node	-5691 Nov 17 j 23:32	1°M33'37	
	-5693 May 18 j 08:02	0° <b>Υ</b>		ase. Houc	-5691 Nov 21 j 03:15	1 1163337 30°R <u>Ω</u>	
	50,5 may 10 j 00.02	~ I			50511101 21 j 05.15	- · · · · · · · · · · · · · · · · · · ·	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 43 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	5
evening set	-5691 Nov 21 j 19:25	29° <b>₽</b> 37'47		minimum elong	-5688 Apr 19 j 20:58	15° <b>¥</b> 08'51	0°34'13
min. Earth dist.	-5691 Nov 27 j 00:09	26° <b>₽</b> 29'50	0.27286 AU	_	-5688 May 01 j 22:20	$0^{\circ}$ $\Upsilon$	
inferior conj	-5691 Nov 27 j 23:05	25° <b>₽</b> 53'39	2°26'46	asc. node	-5688 May 04 j 19:06	3° <b>Y</b> '32'05	
minimum elong	-5691 Nov 27 j 18:02	26° <b>₽</b> 01'38	2°25'08	evening rise	-5688 May 25 j 03:52	28° <b>Ƴ</b> 42'12	
morning rise	-5691 Dec 03 j 17:31	22° <b>≏</b> 24'16			-5688 May 26 j 05:00	0° <b>႘</b>	
direct	-5691 Dec 18 j 11:20	18° <b>ഫ</b> 01'18			-5688 Jun 19 j 09:44	$\Pi^{\circ}0$	
greatest brilliancy	-5691 Dec 27 j 12:13	19° <b>≙</b> 33'52	-4.8m		-5688 Jul 13 j 13:50	0°©	
	-5690 Jan 15 j 02:16	$0^{\circ}$ M			-5688 Aug 06 j 19:22	$0^{\circ}\Omega$	
morning max el	-5690 Feb 05 j 14:37	18° <b>M</b> 41'26	46°04'02	desc. node	-5688 Aug 24 j 19:24	22° <b>Ω</b> 09'44	
-	-5690 Feb 16 j 23:15	0° <b>∡</b> ″			-5688 Aug 31 j 04:54	0° <b>m</b> )	
desc. node	-5690 Mar 10 j 04:05	22° <b>∡</b> ³32'37			-5688 Sep 24 j 21:49	0∘ <u>⊽</u>	
	-5690 Mar 16 j 22:11	ರ°0			-5688 Oct 20 j 04:49	0°M	
	-5690 Apr 12 j 07:52	0° <b>≈</b>			-5688 Nov 15 j 20:01	0° <b>∡</b> ¹	
	-5690 May 07 j 20:57	0° <b>∀</b>		evening max el	-5688 Nov 26 j 19:15	11° <b>∡</b> ′28′18	46°30'21
	-5690 Jun 01 j 19:22	$0^{\circ}$ Y		asc. node	-5688 Dec 15 j 10:36	28° <b>∡</b> ¹45'35	
	-5690 Jun 26 j 06:13	0°B			-5688 Dec 16 j 23:14	ರ°0	
asc. node	-5690 Jun 30 j 18:20	5° <b>8</b> 34'49		greatest brilliancy	-5687 Jan 04 j 21:10	11° <b>る</b> 45'29	-4.8m
	-5690 Jul 20 j 08:10	0°II		retrograde	-5687 Jan 15 j 22:01	14° <b>ට</b> 01'31	
morning set	-5690 Aug 01 j 05:30	14° <b>Ⅱ</b> 56′05		evening set	-5687 Feb 02 j 12:40	7° <b>る</b> 58'42	
	-5690 Aug 13 j 04:18	0° <b>©</b>		inferior conj	-5687 Feb 06 j 06:40	5° <b>る</b> 35'54	8°10'57
	-5690 Sep 05 j 22:02	0°N		minimum elong	-5687 Feb 06 j 05:22	5° <b>ට</b> 38'00	8°10'35
	2070 Sep 02 j 22.02	~ <b>~ ~ ~</b>		min. Earth dist.	-5687 Feb 05 j 23:50	5° <b>る</b> 46'55	0.29270 AU
superior conj	-5690 Sep 09 j 15:34	4° <b>Ω</b> 42'51	1°16'12	morning rise	-5687 Feb 09 j 22:18	3°る1033	0.2)2/0110
minimum elong	-5690 Sep 10 j 00:05		1°16'21	morning rise	-5687 Feb 15 j 22:39	30°R <b>∕</b> <sup>7</sup>	
max. Earth dist.	-5690 Sep 11 j 13:59	7° <b>Ω</b> 09'30	1.70806 AU	direct	-5687 Feb 27 j 20:59	27° <b>×</b> 11'05	
max. Earth dist.	-5690 Sep 29 j 16:31	0° m)	1.70000710	greatest brilliancy	-5687 Mar 09 j 03:55	28° <b>×</b> 45'32	-4.7m
desc. node	-5690 Oct 20 j 18:33	26° Mp 29'27		greatest billiancy	-5687 Mar 12 j 11:32	20 × 43 32	-4./111
evening rise	-5690 Oct 22 j 01:34	28° My 06'38		desc. node	-5687 Apr 06 j 15:12	0 0 16°る54'05	
evening rise	-5690 Oct 22 j 01:34	ე∘ <u>ი</u>		morning max el		16 <b>3</b> 54 03 26° <b>3</b> 52'53	45°51'15
	·	0 <b>==</b> 0° <b>M</b> ₊		morning max er	-5687 Apr 17 j 15:26	20 <b>3</b> 32 33 0° <b>≈</b>	45 51 15
	-5690 Nov 16 j 14:46	0° <b>⊼</b>			-5687 Apr 20 j 21:14	0 <b>≈</b> 0° <b>∺</b>	
	-5690 Dec 10 j 20:02 -5689 Jan 04 j 07:03	0°る			-5687 May 19 j 13:57 -5687 Jun 14 j 22:57	0° <b>Υ</b>	
	-5689 Jan 29 j 03:17	0°≈			-5687 Jul 10 j 03:49	0°8	
asa nada	·	0 ≈ 14°≈26'54		asa nada	-5687 Jul 28 j 06:38	22° <b>8</b> 08'52	
asc. node	-5689 Feb 10 j 07:26	14 <b>≈</b> 26 34 0° <b>∺</b>		asc. node		22 <b>О</b> 08 32	
	-5689 Feb 23 j 14:57	0 K 0°Υ			-5687 Aug 03 j 15:03 -5687 Aug 27 j 15:19	0°©	
	-5689 Mar 22 j 05:37 -5689 Apr 20 j 06:18	0°8			0 ,	0°€ 0°€	
		0° <b>と</b> 56'25	45921124		-5687 Sep 20 j 10:20		
evening max el greatest brilliancy	-5689 Apr 21 j 05:59 -5689 May 29 j 21:00			mamina aat	-5687 Oct 14 j 04:49 -5687 Oct 15 j 21:27	0°M)	
desc. node		28° <b>8</b> 38'14	-4.6111	morning set		2° <b>സ്</b> 07'57 0° <b>ഫ</b>	
desc. node	-5689 Jun 02 j 11:03 -5689 Jun 04 j 01:17	29° <b>8</b> 40'21 0° <b>Ⅱ</b>		desc. node	-5687 Nov 07 j 01:50 -5687 Nov 17 j 07:20	0 <u>≈</u> 12° <b>≏</b> 47'54	
ratra ara da	-5689 Jun 08 j 23:28	0° <b>П</b> 26'53		desc. Hode	-308/ NOV 1/ J 0/.20	12 =4/34	
retrograde	,	0 H20 33		aumarian aani	5697 Nov. 27 : 04.52	25° <b>≏</b> 08'41	0922124
evening set	-5689 Jun 13 j 18:39 -5689 Jun 24 j 09:04	25° <b>8</b> 58'33		superior conj minimum elong	-5687 Nov 27 j 04:52 -5687 Nov 26 j 23:00	23 <b>≥</b> 0841 24° <b>⊆</b> 50'23	
inferior conj	-5689 Jun 29 j 23:39	22° <b>8</b> 43'00	6001126	minimum ciong	-5687 Dec 01 j 02:26	24 <b>=</b> 30 23 0° <b>M</b>	0 22 23
minimum elong	-5689 Jun 29 j 13:14	22° <b>8</b> 58'42		max. Earth dist.	-5687 Dec 02 j 13:19		1.71971 AU
min. Earth dist.	-5689 Jun 30 j 05:38	22° <b>8</b> 33'59	0.27539 AU	max. Earth dist.	-5687 Dec 25 j 06:28	0° <b>√</b>	1./19/1 AU
morning rise	-5689 Jul 04 j 17:02	19° <b>8</b> 56'03	0.27339 AU	evening rise	-5686 Jan 07 j 00:09	15° <b>×7</b> 44'42	
direct	-5689 Jul 21 j 03:31	14° <b>8</b> 50'25		evening rise	-5686 Jan 18 j 13:38	13 × 44 42 0°る	
greatest brilliancy	-5689 Aug 01 j 03:12	17° <b>8</b> 04'11	-4.9m		-5686 Feb 12 j 00:30	0°≈	
greatest offinancy	-5689 Aug 01 j 03:12 -5689 Aug 21 j 15:02	0°Ⅱ	<del>-1</del> .7III		-5686 Mar 08 j 16:30	0° <b>∺</b>	
mamina may al		0 Ⅱ 17°Ⅱ46'03	46°47'25	asc. node		0 <del>X</del> 1° <b>¥</b> 22'39	
morning max el	-5689 Sep 09 j 17:20	17 <b>ш</b> 4603	40 47 23	asc. node	-5686 Mar 09 j 19:50	1 <del>Κ</del> 22 39 0° <b>Υ</b>	
aga mada	-5689 Sep 21 j 07:44	2°900'32			-5686 Apr 02 j 15:45	0°8	
asc. node	-5689 Sep 23 j 03:52	2 300 32 0°Ω			-5686 Apr 28 j 01:08	0°I	
	-5689 Oct 17 j 16:18				-5686 May 24 j 02:26		
	-5689 Nov 11 j 18:46	0 <b>்⊽</b> 0∘∭		desc. node	-5686 Jun 20 j 11:36	0° <b>©</b> 9° <b>©</b> 41'51	
	-5689 Dec 06 j 11:53				-5686 Jun 29 j 21:58		46°50'02
daga (5 - 4 -	-5689 Dec 31 j 03:27	0°M		evening max el	-5686 Jul 03 j 14:47	13° <b>©</b> 22'20 0° <b>Ω</b>	40 30 02
desc. node	-5688 Jan 13 j 06:27	15°M57'55		grantest builli	-5686 Jul 21 j 23:43		4.000
	-5688 Jan 24 j 19:25	0° <b>ヹ</b>		greatest brilliancy	-5686 Aug 13 j 19:56	13° <b>Ω</b> 46'25 15° <b>Ω</b> 17'02	-4.9m
	-5688 Feb 18 j 11:06			retrograde	-5686 Aug 22 j 19:12	9° <b>Ω</b> 40'14	
marning act	-5688 Mar 14 j 01:16	0°≈ 0°≈≈57'17		evening set	-5686 Sep 08 j 23:59		7050150
morning set	-5688 Mar 14 j 20:01	0° <b>≈</b> 57'17 0° <b>升</b>		inferior conj	-5686 Sep 12 j 10:50	7° <b>Ω</b> 35'54 7° <b>Ω</b> 22'00	
may Earth dist	-5688 Apr 07 j 13:07		1.73569 AU	minimum elong	-5686 Sep 12 j 19:58	7° <b>Ω</b> 30'14	0.26541 AU
max. Earth dist.	-5688 Apr 16 j 19:15	11 <b>八</b> 2211	1.73307 AU	min. Earth dist.	-5686 Sep 12 j 14:33	5° <b>Ω</b> 05'19	0.20541 AU
superior con:	5688 Apr 10: 14.51	1401/20102	0034121	morning rise	-5686 Sep 16 j 15:52	0°Ω01'10	
superior conj	-5688 Apr 19 j 14:51	14° <b>¥</b> 50′02	-U J+ 41	direct	-5686 Oct 02 j 17:41	0 8601 10	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5686 Oct 13 j 03:32 2°Ω04'49 -4.9m -5683 May 11 j 05:00 greatest brilliancy 0°8 -5686 Oct 20 j 14:46 -5683 Jun 04 j 21:10  $\Pi^{\circ}0$ 5°**Ω**43'03 asc. node -5683 Jun 29 j 17:57 0ಂತಾ -5686 Nov 18 j 23:08  $0^{\circ}$  mb 3° Mp 17'08 46°39'44 -5686 Nov 22 j 05:46 -5683 Jul 24 j 23:41  $0^{\circ}\Omega$ morning max el -5683 Jul 27 j 09:30 2° **Ω**49'39 -5686 Dec 17 j 03:52 0∘ଫ desc. node -5685 Jan 12 j 11:47 0°M -5683 Aug 19 j 23:55 0° m 0°**∡**¹ 27° m 35'36 47°39'53 -5685 Feb 07 j 04:05 evening max el -5683 Sep 14 j 13:24 desc. node -5685 Feb 09 j 18:37 3°**х** 04′07 -5683 Sep 16 j 22:37 0。<del></del>ರ 0°ಕ 29°**△**33'17 -4.9m -5685 Mar 04 j 11:57 greatest brilliancy -5683 Oct 25 j 09:20 -5685 Mar 29 j 12:57 0°≈ -5683 Oct 26 j 14:45 0°M -5685 Apr 23 j 07:20 0°**)**€ retrograde -5683 Nov 04 j 18:14 1°MJ38'17  $0^{\circ}\Upsilon$ -5685 May 17 j 19:11 -5683 Nov 13 j 13:00 30°**₹**Ω  $4^{\circ}$ **Y**26'42 morning set -5685 May 21 j 09:44 asc. node -5683 Nov 17 j 01:40 28°**≙**28'17 asc. node -5685 Jun 02 j 07:50 19°**Y**11′06 evening set -5683 Nov 19 j 09:18 27°**♀**15'02 -5685 Jun 11 j 00:57 0°8 min. Earth dist. -5683 Nov 24 j 14:39 24°**♀**06'19 0.27219 AU 1.72104 AU max. Earth dist. -5685 Jun 22 j 07:26 14°**8**02'27 inferior conj -5683 Nov 25 j 13:20 23°**♀**30'36 2°05'28 minimum elong -5683 Nov 25 j 08:57 23°**♀**37'30 2°04'02 superior conj -5685 Jun 26 j 17:13 19°**8**32'50 0°52'58 morning rise -5683 Dec 01 j 09:34 19°**₽**59'24 minimum elong -5685 Jun 26 j 08:33 19°**8**05'45 0°52'53 direct -5683 Dec 16 j 01:20 15°**₽**39'31 -5685 Jul 05 j 01:44  $\mathbb{I}^{\circ 0}$ greatest brilliancy -5683 Dec 25 j 02:11 17°**♀**12'33 -4.8m -5685 Jul 28 j 23:27 0ಂತಾ -5682 Jan 15 j 17:02 0°M -5685 Aug 03 j 01:13 6°522'34 morning max el -5682 Feb 03 i 06:09 16°M27'14 46°05'03 evening rise -5685 Aug 21 j 20:31  $0^{\circ}\Omega$ -5682 Feb 16 i 18:35 0° **₹** -5685 Sep 14 j 19:11 0° m desc. node -5682 Mar 09 j 06:20 21° x 55'45 desc. node -5685 Sep 22 j 07:54 9° m 24'10 -5682 Mar 16 j 13:07 0°궁 -5685 Oct 08 j 21:14 0∘**⊽** -5682 Apr 11 j 20:55 0°≈≈ -5685 Nov 02 j 04:23 0°M -5682 May 07 j 09:02 0°\ -5685 Nov 26 j 19:45 0°×7 -5682 Jun 01 j 06:55  $0^{\circ}\Upsilon$ -5685 Dec 22 j 02:35 0°궁 0°8 -5682 Jun 25 j 17:31 -5684 Jan 12 j 21:49 -5682 Jun 29 j 20:26 24°る43'19 5°**8**06'26 asc. node asc. node -5684 Jan 17 j 18:05 -5682 Jul 19 j 19:21  $\Pi$  $^{\circ}0$ 0°≈ -5684 Feb 06 j 12:34 20°≈17'47 45°12'06 -5682 Jul 29 j 19:45 12°**Ⅲ**34'51 evening max el morning set -5684 Feb 17 j 02:26 0°**∀** -5682 Aug 12 j 15:27 0ಂಲ -5684 Mar 15 j 04:44 -5682 Sep 05 j 09:13 greatest brilliancy 17°**)** 44'21 -4.7m 0 $^{\circ}$  $\Omega$ -5684 Mar 25 j 19:08 retrograde 19°**)** 45′14 -5682 Sep 07 j 02:41 2°Ω11'00 1°17'43 evening set -5684 Apr 10 j 14:08 15°**米**01'11 superior conj inferior conj -5684 Apr 16 j 05:32 11°**X**38'42 3°55'08 minimum elong -5682 Sep 07 j 10:26 2°**Ω**35'31 1°17'53 -5684 Apr 16 j 13:02 11°\ 27'01 3°53'09 max. Earth dist. -5682 Sep 08 j 19:28 4°**Ω**19'49 1.70805 AU minimum elong min. Earth dist. -5684 Apr 17 j 03:41 11°**₭**04'17 0.29025 AU -5682 Sep 29 j 03:44 0° m -5684 Apr 22 j 11:16 7°**¥**54'10 evening rise -5682 Oct 19 j 09:55 25° m 27'04 morning rise desc. node -5684 May 04 j 02:07 3°\ 34'13 -5682 Oct 19 j 20:37 26° M 00'34 desc. node -5684 May 08 j 01:14 3°**¥**15'42 -5682 Oct 23 j 01:04 0∘**ত** direct -5684 May 19 j 05:25 -5682 Nov 16 j 02:09 0°M greatest brilliancy 5°**∺**28'58 -4.7m -5684 Jun 22 j 10:00  $0^{\circ}\Upsilon$ -5682 Dec 10 j 07:33 0°×7 -5684 Jun 26 j 13:44 3°Y59'09 46°15'20 0°る morning max el -5681 Jan 03 j 18:49 0°8 -5684 Jul 21 i 08:01 -5681 Jan 28 i 15:36 0°≈ -5684 Aug 16 j 08:40  $\mathbb{I}^{\circ 0}$ -5681 Feb 09 i 09:43 13°≈55'57 asc. node asc. node -5684 Aug 24 j 18:42 10°**Ⅱ**03'58 -5681 Feb 23 i 04:26 0°) -5684 Sep 10 i 03:43 0ಂತಾ -5681 Mar 21 j 21:41  $0^{\circ}\Upsilon$ -5684 Oct 04 i 08:52  $0^{\circ}\Omega$ -5681 Apr 18 j 20:58 28°**Y**42'16 45°19'31 evening max el -5684 Oct 28 j 09:18 0°m -5681 Apr 20 j 05:54 0°8 -5684 Nov 21 j 10:27 -5681 May 27 j 09:52 26°**8**19'06 -4.7m 0∘ഹ greatest brilliancy 29°**₽**02'45 -5681 Jun 01 j 13:07 27°840'19 desc node -5684 Dec 14 j 20:04 desc. node -5684 Dec 15 j 14:35 0°M retrograde -5681 Jun 06 j 12:14 28°**8**07'31 -5684 Dec 31 j 19:42  $20^{\circ}$  ML 02'00-5681 Jun 21 j 19:46 23°843'14 morning set evening set -5683 Jan 08 j 21:38 0°×7 -5681 Jun 27 j 13:16 20°**8**23'28 -5°44'35 inferior conj -5683 Feb 02 j 06:36 0°정 -5681 Jun 27 j 03:00 20°**8**38'58 5°41'57 minimum elong -5681 Jun 27 j 19:55 20°**8**13'26 0.27581 AU min. Earth dist. -5683 Feb 08 j 23:02 8° 13'10 -1°22'44 -5681 Jul 02 j 09:47 17°**8**31'40 superior conj morning rise -5681 Jul 18 j 17:55 12°**8**30'04 minimum elong -5683 Feb 08 j 22:47 8°る12'24 1°23'05 direct max. Earth dist. -5683 Feb 09 j 19:41 9°る16'36 1.73478 AU greatest brilliancy -5681 Jul 29 j 17:54 14°**8**43'34 -4.9m -5683 Feb 26 j 16:35 0°≈ -5681 Aug 22 j 00:57  $0^{\circ}II$ evening rise -5683 Mar 17 j 18:40 23°≈25'24 morning max el -5681 Sep 07 j 06:16 15°**Ⅱ**19'35 46°46'53 greatest brilliancy -5683 Mar 18 j 01:08 23°≈45'13 -3.9m -5681 Sep 21 j 02:34 0 $\circ$  $\odot$ -5683 Mar 23 j 03:26 0°**)**€ asc. node -5681 Sep 22 j 05:59 1°9515'27 17°**)**€24'18 -5681 Oct 17 j 07:21  $0^{\circ}\Omega$ asc. node -5683 Apr 06 j 08:23

-5681 Nov 11 j 08:11

0° M

 $0^{\circ}\Upsilon$ 

-5683 Apr 16 j 15:24

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 45 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ne year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	5- 1-
	-5681 Dec 06 j 00:23	0∘ <b>⊽</b>		desc. node	-5678 Jun 29 j 00:14	8° <b>9</b> 51'02	
	-5681 Dec 30 j 15:21	$0^{\circ}$ M		evening max el	-5678 Jul 01 j 02:27	10° <b>©</b> 54'54	46°46'47
desc. node	-5680 Jan 12 j 08:39	15°M29'14			-5678 Jul 22 j 14:54	$0^{\circ}\Omega$	
	-5680 Jan 24 j 06:53	0° <b>∡</b>		greatest brilliancy	-5678 Aug 11 j 08:08	11° <b>Ω</b> 17'05	-4.9m
	-5680 Feb 17 j 22:14	0°ප		retrograde	-5678 Aug 20 j 06:50	12° <b>Ω</b> 47'28	
morning set	-5680 Mar 12 j 14:17	28° <b>る</b> 53'06		evening set	-5678 Sep 06 j 14:59	7° <b>Ω</b> 06′07	
	-5680 Mar 13 j 12:10	0° <b>≈</b>		inferior conj	-5678 Sep 09 j 22:51	5° <b>Ω</b> 06'30	
	-5680 Apr 06 j 23:54	0° <b>∀</b>		minimum elong	-5678 Sep 10 j 07:26	4° <b>Ω</b> 53′28	
max. Earth dist.	-5680 Apr 14 j 15:32	9° <b>∺</b> 23'52	1.73594 AU	min. Earth dist.	-5678 Sep 10 j 03:09		0.26566 AU
				morning rise	-5678 Sep 13 j 23:45	2° <b>Ω</b> 42'04	
superior conj	-5680 Apr 17 j 10:05	12° <b>)</b> (48′25			-5678 Sep 19 j 05:59	30°Rூ	
minimum elong	-5680 Apr 17 j 16:34	13° <b>)</b> €08'22	0°36'54	direct	-5678 Sep 30 j 05:39	27°531'11	
	-5680 May 01 j 09:08	0° <b>Υ</b>		greatest brilliancy	-5678 Oct 10 j 17:14	29° <b>©</b> 36'28	-4.9m
asc. node	-5680 May 03 j 21:08	3°Υ05'01			-5678 Oct 11 j 16:59	0°N	
evening rise	-5680 May 22 j 23:02	26° <b>Ƴ</b> 39'11		asc. node	-5678 Oct 19 j 16:54	4° <b>Ω</b> 10′09	
	-5680 May 25 j 15:56	0° <b>Β</b>			-5678 Nov 18 j 23:02	0° Mp	46040151
	-5680 Jun 18 j 20:54	0ಂಲ 0∘∏		morning max el	-5678 Nov 19 j 19:19	0° <b>™</b> 51'19 0° <b>ჲ</b>	46-40-51
	-5680 Jul 13 j 01:20 -5680 Aug 06 j 07:19	0°€			-5678 Dec 16 j 20:36	0° <b>™</b>	
desc. node		0 <b>δ</b> ℓ 21° <b>Ω</b> 38'31			-5677 Jan 12 j 01:48 -5677 Feb 06 j 16:40	0° <b>⊼</b>	
desc. node	-5680 Aug 23 j 21:35 -5680 Aug 30 j 17:25	0° m		desc. node	,	2° <b>∡</b> ¹33'46	
	-5680 Sep 24 j 11:10	0∘ <b>⊽</b> رااا		desc. Hode	-5677 Feb 08 j 20:48 -5677 Mar 03 j 23:41	2 x 33 40	
	-5680 Oct 19 j 19:40	0° <b>™</b>			-5677 Mar 29 j 00:11	0°≈	
	-5680 Nov 15 j 14:31	0° <b>⊼</b> 1			-5677 Apr 22 j 18:16	0 <b>∞</b> 0° <b>∺</b>	
evening max el	-5680 Nov 24 j 10:10	9° <b>∡</b> 10'50	16°33'35		-5677 May 17 j 05:58	0°Υ	
asc. node	-5680 Dec 14 j 12:45	27° <b>₹</b> 42'20	40 33 33	morning set	-5677 May 19 j 04:30	2° <b>Υ</b> 23'20	
asc. node	-5680 Dec 17 j 11:08	0°る		asc. node	-5677 Jun 01 j 09:58	18° <b>Υ</b> 44'23	
greatest brilliancy	-5679 Jan 02 j 15:14	9° <b>る</b> 37'27	-4 8m	asc. node	-5677 Jun 10 j 11:43	0° <b>と</b>	
retrograde	-5679 Jan 13 j 14:55	11° <b>ප</b> 52'55	1.0111	max. Earth dist.	-5677 Jun 20 j 01:26		1.72167 AU
evening set	-5679 Jan 31 j 04:52	5° <b>ප</b> 51'48		man. Barar alot.	20,7,000 20,01.20	0	1.72107110
inferior conj	-5679 Feb 03 j 23:52	3° <b>る</b> 27'23	8°09'45	superior conj	-5677 Jun 24 j 10:21	17° <b>8</b> 22'37	0°50'25
minimum elong	-5679 Feb 03 j 21:54	3° <b>る</b> 30'33		minimum elong	-5677 Jun 24 j 01:54	16° <b>8</b> 56'13	
min. Earth dist.	-5679 Feb 03 j 16:02	3° <b>ප</b> 39'59		8	-5677 Jul 04 j 12:34	0°Щ	
morning rise	-5679 Feb 07 j 15:09	1° <b>る</b> 09'00			-5677 Jul 28 j 10:26	0° <b>©</b>	
S	-5679 Feb 09 j 13:20	30°R. <b>✓</b>		evening rise	-5677 Jul 31 j 15:13	4° <b>©</b> 01'12	
direct	-5679 Feb 25 j 13:07	25° <b>₹</b> '03'14		Č	-5677 Aug 21 j 07:40	$0^{\circ}\Omega$	
greatest brilliancy	-5679 Mar 06 j 19:28	26° <b>х</b> 36′50	-4.7m		-5677 Sep 14 j 06:34	0° <b>™</b>	
	-5679 Mar 14 j 15:14	ರ°0		desc. node	-5677 Sep 21 j 09:55	8° <b>m</b> 54'42	
desc. node	-5679 Apr 05 j 17:17	15° <b>る</b> 58'50			-5677 Oct 08 j 08:53	0∘ <b>ত</b>	
morning max el	-5679 Apr 15 j 06:34	24° <b>る</b> 41'45	45°51'01		-5677 Nov 01 j 16:24	$0^{\circ}$ M	
	-5679 Apr 20 j 17:56	0° <b>≈</b>			-5677 Nov 26 j 08:23	0° <b>∡</b> 7	
	-5679 May 19 j 05:07	0° <b>∀</b>			-5677 Dec 21 j 16:27	5°0	
	-5679 Jun 14 j 12:03	$0^{\circ}$ Y		asc. node	-5676 Jan 12 j 00:09	24° <b>る</b> 05'52	
	-5679 Jul 09 j 15:57	$9^{\circ}$ 8			-5676 Jan 17 j 10:54	0° <b>≈</b>	
asc. node	-5679 Jul 27 j 08:55	21° <b>8</b> 39'44		evening max el	-5676 Feb 04 j 04:42	18° <b>≈</b> 08'34	45°13'46
	-5679 Aug 03 j 02:40	$\Pi$ °0			-5676 Feb 17 j 06:52	0° <b>∀</b>	
	-5679 Aug 27 j 02:41	0ಂ <b>ತಾ</b>		greatest brilliancy	-5676 Mar 12 j 20:01	15° <b>¥</b> 36'37	-4.7m
	-5679 Sep 19 j 21:35	0°N		retrograde	-5676 Mar 23 j 12:02	17° <b>)</b> €38'43	
morning set	-5679 Oct 13 j 07:14	29° <b>Ω</b> 32'22		evening set	-5676 Apr 08 j 08:49	12° <b>)</b> € 50'59	
	-5679 Oct 13 j 16:00	0° mp		inferior conj	-5676 Apr 13 j 22:02	9° <b>)</b> (31′05	
	-5679 Nov 06 j 12:56	0∘ <b>⊽</b>		minimum elong	-5676 Apr 14 j 05:54	9° <b>)</b> 18'51	
desc. node	-5679 Nov 16 j 09:23	12° <b>£</b> 19'45		min. Earth dist.	-5676 Apr 14 j 19:41	8° <b>)</b> ₹57'25	0.29070 AU
				morning rise	-5676 Apr 20 j 02:25	5° <b>)</b> 48′26	
superior conj	-5679 Nov 24 j 14:44	22° <b>£</b> 35'33		desc. node	-5676 May 03 j 04:14	1° <b>)</b> €15'17	
minimum elong	-5679 Nov 24 j 09:45			direct	-5676 May 05 j 18:25	1° <b>)</b> €07'22	
max. Earth dist.	-5679 Nov 30 j 00:41	29° <b>Ω</b> 20'16	1.71904 AU	greatest brilliancy	-5676 May 16 j 20:56	3° <b>¥</b> 19'31 0° <b>Ƴ</b>	-4.7m
	-5679 Nov 30 j 13:26	0°M. 0°. <b>7</b>			-5676 Jun 22 j 09:15	0°·γ′ 1° <b>Υ</b> 50'31	4601 4102
avaning rise	-5679 Dec 24 j 17:23 -5678 Jan 04 j 13:51	0°⋪ 13°⋪25'08		morning max el	-5676 Jun 24 j 06:58	0° <b>8</b>	46°14'02
evening rise	-5678 Jan 04 j 13:31 -5678 Jan 18 j 00:34	13° <b>x</b> '23'08			-5676 Jul 21 j 00:04 -5676 Aug 15 j 22:21	0° <b>U</b>	
	-5678 Feb 11 j 11:33	0°≈		asc. node	• •	0°Щ 9°Щ30′22	
	-5678 Mar 08 j 03:53	0 <b>≈</b> 0° <b>∀</b>		asc. Houc	-5676 Aug 23 j 20:46 -5676 Sep 09 j 16:19	9 <b>п</b> 3022	
asc. node	-5678 Mar 08 j 21:56	0° <b>X</b> 0° <b>X</b> 54'31			-5676 Oct 03 j 20:52	0°€ 0°€	
ase. noue	-5678 Apr 02 j 03:44	0 χ3431 0° <b>Υ</b>			-5676 Oct 27 j 20:56	0°m)	
	-5678 Apr 27 j 14:14	0°8			-5676 Nov 20 j 21:48	0° <b>ت</b> الله	
	-5678 May 23 j 17:36	0°II		desc. node	-5676 Dec 13 j 22:14	28° <b>≏</b> 34'51	
	-5678 Jun 20 j 07:22	0ಂತಿ ೧.ಗ		acse. Houc	-5676 Dec 15 j 01:44	0°M	
	20,00an 20j0/.22	~ <del>~</del>			20,0 200 10 J 01.44	♥ IIV	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 46 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ne year -5899 i	n astronomical co	ounting style is the year	5900 BCE in historical c	ounting style.	•
morning set	-5676 Dec 29 j 07:57	17° <b>M</b> 37'34		minimum elong	-5673 Jun 24 j 17:00	18° <b>8</b> 20'08	5°24'33
	-5675 Jan 08 j 08:38	0° <b>∡</b>		min. Earth dist.	-5673 Jun 25 j 10:35		0.27624 AU
	-5675 Feb 01 j 17:27	0° <b>る</b>		morning rise	-5673 Jun 30 j 02:38	15° <b>8</b> 08'26	
				direct	-5673 Jul 16 j 07:57	10° <b>8</b> 10'32	
superior conj	-5675 Feb 06 j 15:16	6° <b>る</b> 02'17		greatest brilliancy	-5673 Jul 27 j 09:18	12° <b>8</b> 24'32	-4.9m
minimum elong	-5675 Feb 06 j 14:17	5° <b>る</b> 59'14			-5673 Aug 22 j 08:05	0°Щ	
max. Earth dist.	-5675 Feb 07 j 16:07		1.73445 AU	morning max el	-5673 Sep 04 j 18:49	12° <b>Ⅱ</b> 52'18	46°46'09
	-5675 Feb 26 j 03:22	0° <b>≈</b>			-5673 Sep 20 j 20:55	0.22 mos	
evening rise	-5675 Mar 15 j 13:14	21°≈22'05	2.0	asc. node	-5673 Sep 21 j 08:08	0° <b>©</b> 31'03	
greatest brilliancy	-5675 Mar 16 j 14:40	22° <b>≈</b> 40'03 0° <b>)</b> €	-3.9m		-5673 Oct 16 j 22:18 -5673 Nov 10 j 21:37	0° <b>Ω</b> 0° <b>m</b>	
asc. node	-5675 Mar 22 j 14:14 -5675 Apr 05 j 10:28	0 <del>X</del> 16° <b>¥</b> 57'20			-5673 Dec 05 j 12:56	0∘ <b>ت</b> المار	
asc. Houc	-5675 Apr 16 j 02:24	0° <b>Υ</b>			-5673 Dec 30 j 03:18	0° <b>m</b> .	
	-5675 May 10 j 16:23	%8 0°8		desc. node	-5672 Jan 11 j 10:48	15°ML00'13	
	-5675 Jun 04 j 09:10	0°II		desc. Hode	-5672 Jan 23 j 18:23	0° <b>⊼</b>	
	-5675 Jun 29 j 06:50	0°æ			-5672 Feb 17 j 09:24	0°ਰ	
	-5675 Jul 24 j 13:59	0°N		morning set	-5672 Mar 10 j 08:12	26° <b>ප්</b> 47'38	
desc. node	-5675 Jul 26 j 11:39	2° <b>Ω</b> 13'35		. 8	-5672 Mar 12 j 23:09	0° <b>≈</b>	
	-5675 Aug 19 j 16:52	0° m/			-5672 Apr 06 j 10:48	0° <b>∀</b>	
evening max el	-5675 Sep 12 j 05:38	25° m 17'15	47°40'18	max. Earth dist.	-5672 Apr 12 j 11:13		1.73618 AU
-	-5675 Sep 16 j 22:40	0∘ <b>⊽</b>					
greatest brilliancy	-5675 Oct 23 j 00:40	27° <b>≏</b> 10'01	-4.9m	superior conj	-5672 Apr 15 j 05:16	10° <b>)</b> 46′26	-0°39'43
retrograde	-5675 Nov 02 j 09:17	29° <b>≙</b> 14'06		minimum elong	-5672 Apr 15 j 12:06	11° <b>∺</b> 07'25	0°39'34
asc. node	-5675 Nov 16 j 03:52	25° <b>≙</b> 18'37			-5672 Apr 30 j 20:03	$0^{\circ}\Upsilon$	
evening set	-5675 Nov 16 j 23:15	24° <b>≏</b> 52'06		asc. node	-5672 May 02 j 23:20	2° <b>Y</b> 38'09	
min. Earth dist.	-5675 Nov 22 j 05:04	21° <b>≏</b> 42'36	0.27151 AU	evening rise	-5672 May 20 j 18:19	24° <b>Y</b> 36'23	
inferior conj	-5675 Nov 23 j 03:23	21° <b>≏</b> 07'28	1°43'46		-5672 May 25 j 02:58	0°8	
minimum elong	-5675 Nov 22 j 23:43	21° <b>≏</b> 13'14	1°42'34		-5672 Jun 18 j 08:08	$\Pi$ °0	
morning rise	-5675 Nov 29 j 01:15	17° <b>≏</b> 34'26			-5672 Jul 12 j 12:54	0°€	
direct	-5675 Dec 13 j 15:18	13° <b>Ω</b> 17'47			-5672 Aug 05 j 19:20	$0$ ° $\Omega$	
greatest brilliancy	-5675 Dec 22 j 15:56	14° <b>£</b> 50'57	-4.8m	desc. node	-5672 Aug 22 j 23:36	21° <b>Ω</b> 06'33	
	-5674 Jan 16 j 03:55	0°M	46006102		-5672 Aug 30 j 06:04	0° <b>m</b> )	
morning max el	-5674 Jan 31 j 21:06	14°M11'52	46°06'02		-5672 Sep 24 j 00:45	0∘ <b>亚</b>	
daga mada	-5674 Feb 16 j 13:13	0° ⊀ 7 21° ⊀ 18'55			-5672 Oct 19 j 10:55 -5672 Nov 15 j 09:49	0° <b>ጤ</b> 0° <b>ዶ</b>	
desc. node	-5674 Mar 08 j 08:18 -5674 Mar 16 j 03:42	0°る		evening max el	-5672 Nov 15 j 09:49 -5672 Nov 22 j 00:40	6° <b>x</b> <sup>7</sup> 51'15	46°36'53
	-5674 Apr 11 j 09:43	0°≈		asc. node	-5672 Dec 13 j 15:03	26° <b>х</b> 36'41	40 30 33
	-5674 May 06 j 20:53	0° <b>∺</b>		asc. node	-5672 Dec 18 j 03:50	20 × 3041	
	-5674 May 31 j 18:16	0°Υ		greatest brilliancy		0 3 7° <b>3</b> 27'14	-4 8m
	-5674 Jun 25 j 04:37	0°8		retrograde	-5671 Jan 11 j 07:45	9° <b>る</b> 42'49	
asc. node	-5674 Jun 28 j 22:42	4° <b>8</b> 39'04		evening set	-5671 Jan 28 j 20:31	3° <b>ප</b> 43'36	
	-5674 Jul 19 j 06:23	$\Pi^{\circ}0$		inferior conj	-5671 Feb 01 j 16:50	1° <b>る</b> 17'17	8°07'44
morning set	-5674 Jul 27 j 09:58	10° <b>Ⅱ</b> 13'55		minimum elong	-5671 Feb 01 j 14:12	1° <b>る</b> 21'32	
-	-5674 Aug 12 j 02:30	$0$ $\circ$ $\odot$		min. Earth dist.	-5671 Feb 01 j 08:01	1° <b>る</b> 31'28	0.29188 AU
					-5671 Feb 03 j 17:03	30°₽ <b>⋌</b>	
superior conj	-5674 Sep 04 j 13:41	29° <b>5</b> 39'03	1°19'03	morning rise	-5671 Feb 05 j 08:04	28° <b>₹</b> 58'56	
minimum elong	-5674 Sep 04 j 20:37	0° <b>Ω</b> 00'56	1°19'15	direct	-5671 Feb 23 j 04:43	22° <b>₹</b> 53'42	
	-5674 Sep 04 j 20:19	$0$ $\circ$ $\Omega$		greatest brilliancy	-5671 Mar 04 j 11:03	24° <b>∡</b> °27′02	-4.7m
max. Earth dist.	-5674 Sep 05 j 20:31	1° <b>Ω</b> 16′27	1.70810 AU		-5671 Mar 16 j 01:53	0°る	
	-5674 Sep 28 j 14:54	0° <b>™</b>		desc. node	-5671 Apr 04 j 19:29	15° <b>る</b> 04'12	
evening rise	-5674 Oct 16 j 17:43	22° m 45'51		morning max el	-5671 Apr 12 j 22:00	22° <b>る</b> 30'32	45°50'54
desc. node	-5674 Oct 18 j 22:41	25° Tp 31'50			-5671 Apr 20 j 14:17	0° <b>≈</b>	
	-5674 Oct 22 j 12:19	0∘ <b>亚</b>			-5671 May 18 j 20:18	0° <b>)</b> €	
	-5674 Nov 15 j 13:28	0°M 0°. <b>₹</b>			-5671 Jun 14 j 01:17	0° <b>Υ</b>	
	-5674 Dec 09 j 19:00	0°⋜		aca mada	-5671 Jul 09 j 04:14	0° <b>と</b> 21° <b>と</b> 09'25	
	-5673 Jan 03 j 06:33	0°≈		asc. node	-5671 Jul 26 j 10:58	21 <b>日</b> 09 23	
asc. node	-5673 Jan 28 j 03:55 -5673 Feb 08 j 11:48	0°≈ 13°≈24'31			-5671 Aug 02 j 14:27 -5671 Aug 26 j 14:12	0ಂಣ ೧.π	
asc. nouc	-5673 Feb 08 j 11.48	13 <b>≈</b> 24 31 0° <b>)</b> €			-5671 Sep 19 j 08:59	0°€ 0°€	
	-5673 Mar 21 j 13:59	0°Υ		morning set	-5671 Oct 10 j 17:16	26° <b>Ω</b> 56'54	
evening max el	-5673 Apr 16 j 11:14	26° <b>Y</b> 26'45	45°17'38	morning set	-5671 Oct 10 j 17:10	0°m)	
	-5673 Apr 20 j 06:31	0°8	- ,		-5671 Nov 06 j 00:14	0∘ <del>ত</del> ∘ .w	
greatest brilliancy	-5673 May 24 j 23:04	24° <b>8</b> 00'59	-4.7m	desc. node	-5671 Nov 15 j 11:35	11° <b>≏</b> 51'19	
desc. node	-5673 May 31 j 15:20	25° <b>8</b> 36'20			,		
retrograde	-5673 Jun 04 j 00:56	25° <b>8</b> 49'15		superior conj	-5671 Nov 22 j 00:16	20° <b>≏</b> 00'31	-0°15'01
evening set	-5673 Jun 19 j 06:47	21° <b>8</b> 28'23		minimum elong	-5671 Nov 21 j 20:15	19° <b>≙</b> 47'57	0°14'55
inferior conj	-5673 Jun 25 j 03:02	18° <b>8</b> 04'57	-5°27'11	behind sun begin	-5671 Nov 21 j 09:15	19° <b>≏</b> 13'38	

behind sun end	-5671 Nov 22 j 07:14	e year -5899 i 20° <b>£</b> 22'15	n astronomicai co	desc. node	<ul> <li>5900 BCE in historical c</li> <li>-5668 May 02 j 06:27</li> </ul>	ounting style. 28°≈59'48	
max. Earth dist.	-5671 Nov 27 j 08:47		1.71844 AU	direct	-5668 May 03 j 11:48	28°≈58'03	
	-5671 Nov 30 j 00:42	0° <b>M</b> ,			-5668 May 10 j 23:14	0° <b>)</b>	
	-5671 Dec 24 j 04:36	0° <b>∡</b> ¹		greatest brilliancy	-5668 May 14 j 12:02	1° <b>)</b> €08'26	-4.7m
evening rise	-5670 Jan 02 j 03:00	11° <b>∡</b> ¹02'51		morning max el	-5668 Jun 21 j 23:23	29° <b>)</b> 38′57	46°12'40
	-5670 Jan 17 j 11:48	0°ರ			-5668 Jun 22 j 08:01	$0^{\circ}$ $\Upsilon$	
	-5670 Feb 10 j 22:56	0° <b>≈</b>			-5668 Jul 20 j 16:14	$9^{\circ}$ 8	
	-5670 Mar 07 j 15:36	0° <b>∀</b>			-5668 Aug 15 j 12:16	$0^{\circ}\Pi$	
asc. node	-5670 Mar 08 j 00:01	0° <b>¥</b> 25'25		asc. node	-5668 Aug 22 j 22:51	8° <b>Ⅱ</b> 55'56	
	-5670 Apr 01 j 16:06	0° <b>Υ</b>			-5668 Sep 09 j 05:11	0° <b>©</b>	
	-5670 Apr 27 j 03:46	0°Ⅱ 0°8			-5668 Oct 03 j 09:09	0° <b>N</b>	
	-5670 May 23 j 09:20 -5670 Jun 20 j 04:09	0ಂಣ ೧.π			-5668 Oct 27 j 08:49 -5668 Nov 20 j 09:25	0 <b>்⊽</b> 0 <b>்ம்</b>	
desc. node	-5670 Jun 28 j 02:26	7° <b>9</b> 58'13		desc. node	-5668 Dec 13 j 00:19	28° <b>₽</b> 06'02	
evening max el	-5670 Jun 28 j 15:05	8°929'14	46°43'38	dese. Hode	-5668 Dec 14 j 13:07	0° <b>M</b>	
evening man er	-5670 Jul 23 j 11:33	0°Ω	.0 .5 50	morning set	-5668 Dec 26 j 20:30	15°ML13'17	
greatest brilliancy	-5670 Aug 08 j 19:40	8° <b>Ω</b> 46'39	-4.9m	C	-5667 Jan 07 j 19:50	0° <b>∡</b> ¹	
retrograde	-5670 Aug 17 j 19:01	10° <b>Ω</b> 17'32			-5667 Feb 01 j 04:32	ರ∘ರ	
evening set	-5670 Sep 04 j 05:49	4° <b>£</b> 31′50					
inferior conj	-5670 Sep 07 j 10:52	2° <b>Ω</b> 36'38	-8°19'29	superior conj	-5667 Feb 04 j 07:32	3° <b>る</b> 50'40	-1°22'25
minimum elong	-5670 Sep 07 j 18:51	2° <b>Ω</b> 24'34		minimum elong	-5667 Feb 04 j 05:49	3° <b>る</b> 45′22	
min. Earth dist.	-5670 Sep 07 j 15:19	2° <b>Ω</b> 29'55	0.26588 AU	max. Earth dist.	-5667 Feb 05 j 14:08		1.73413 AU
morning rise	-5670 Sep 11 j 07:46	0° <b>Ω</b> 18′21			-5667 Feb 25 j 14:24	0° <b>≈</b>	
direct	-5670 Sep 11 j 20:38	30°kഇ 25°ഇ00'57		evening rise	-5667 Mar 13 j 07:40	19°≈17'30 21°≈29'31	2 0
greatest brilliancy	-5670 Sep 27 j 18:17 -5670 Oct 08 j 06:19	23 \$300 37 27°\$07'09	-4.9m	greatest brilliancy	-5667 Mar 15 j 02:44 -5667 Mar 22 j 01:20	21 <b>≈</b> 2931	-3.9111
greatest billiancy	-5670 Oct 14 j 09:08	0°Ω	-4.9111	asc. node	-5667 Apr 04 j 12:39	16° <b>∺</b> 29'39	
asc. node	-5670 Oct 18 j 19:07	2° <b>Ω</b> 40'22		use. Houe	-5667 Apr 15 j 13:43	0°Υ	
morning max el	-5670 Nov 17 j 09:33	28° <b>Ω</b> 26'44	46°41'48		-5667 May 10 j 04:07	0°8	
	-5670 Nov 18 j 22:06	0° <b>m</b> )			-5667 Jun 03 j 21:31	$\Pi^{\circ}0$	
	-5670 Dec 16 j 13:16	0∘ <b>⊽</b>			-5667 Jun 28 j 20:08	0ංම	
	-5669 Jan 11 j 15:59	$0^{\circ}$ M			-5667 Jul 24 j 04:47	$0$ $^{\circ}$ $\Omega$	
	-5669 Feb 06 j 05:33	0° <b>∡</b> ¹		desc. node	-5667 Jul 25 j 13:39	1° <b>Ω</b> 35'53	
desc. node	-5669 Feb 07 j 22:47	2° <b>∡</b> 101'49			-5667 Aug 19 j 10:31	0° <b>m</b> )	
	-5669 Mar 03 j 11:46	0° <b>ට</b>		evening max el	-5667 Sep 09 j 21:29	22° m/56'50	47°40'28
	-5669 Mar 28 j 11:46 -5669 Apr 22 j 05:31	0° <b>≈</b> 0° <b>∀</b>		greatest brilliancy	-5667 Sep 17 j 00:19 -5667 Oct 20 j 16:36	0° <b>ჲ</b> 24° <b>ჲ</b> 46'19	-4.9m
morning set	-5669 May 16 j 23:07	0° <b>Υ</b> 18'35		retrograde	-5667 Oct 30 j 23:52	24° <b>2</b> 4019 26° <b>2</b> 48'38	-4.9111
morning set	-5669 May 16 j 17:04	0° <b>Υ</b>		evening set	-5667 Nov 14 j 13:21	22° <b>₽</b> 27'57	
asc. node	-5669 May 31 j 12:08	18° <b>Υ</b> 16'44		asc. node	-5667 Nov 15 j 06:05	22° <b>♀</b> 04'17	
	-5669 Jun 09 j 22:48	0°8		min. Earth dist.	-5667 Nov 19 j 19:50	19° <b>≏</b> 17'22	0.27080 AU
max. Earth dist.	-5669 Jun 17 j 18:19	9° <b>8</b> 43'31	1.72230 AU	inferior conj	-5667 Nov 20 j 17:24	18° <b>≏</b> 43'26	1°21'49
				minimum elong	-5667 Nov 20 j 14:29	18° <b>≏</b> 48′01	1°20'50
superior conj	-5669 Jun 22 j 03:26	15° <b>8</b> 11'18	0°47'47	morning rise	-5667 Nov 26 j 16:41	15° <b>≏</b> 08'34	
minimum elong	-5669 Jun 21 j 19:14	14° <b>8</b> 45'44	0°47'41	direct	-5667 Dec 11 j 04:56	10° <b>£</b> 55'16	
	-5669 Jul 03 j 23:45	0°Ⅱ		greatest brilliancy	-5667 Dec 20 j 06:02	12° <b>2</b> 28'51	-4.8m
evening rise	-5669 Jul 27 j 21:46	0° <b>©</b> 1° <b>©</b> 39'15		morning max el	-5666 Jan 16 j 12:08 -5666 Jan 29 j 11:02	0°ጤ 11°ጤ53'26	46°07'06
evening rise	-5669 Jul 29 j 05:22 -5669 Aug 20 j 19:11	0°Ω		morning max er	-5666 Feb 16 j 07:32	0° <b>∡</b>	40 07 00
	-5669 Sep 13 j 18:15	0° <b>m</b> )		desc. node	-5666 Mar 07 j 10:32	20° <b>×</b> <sup>7</sup> 42'41	
desc. node	-5669 Sep 20 j 12:03	8° Mp 24'40			-5666 Mar 15 j 18:16	0°중	
	-5669 Oct 07 j 20:49	0∘ <u>⊽</u>			-5666 Apr 10 j 22:37	0° <b>≈</b>	
	-5669 Nov 01 j 04:41	0°M			-5666 May 06 j 08:55	0° <b>)</b>	
	-5669 Nov 25 j 21:20	0° <b>∡</b> ¹			-5666 May 31 j 05:51	$0^{\circ}$ $\Upsilon$	
	-5669 Dec 21 j 06:42	ರ∘ರ			-5666 Jun 24 j 15:58	$9^{\circ}$ 8	
asc. node	-5668 Jan 11 j 02:10	23° <b>る</b> 26'19		asc. node	-5666 Jun 28 j 00:44	4° <b>8</b> 10'17	
	-5668 Jan 17 j 04:26	0° <b>≈</b>	45015121		-5666 Jul 18 j 17:39	0°II	
evening max el	-5668 Feb 01 j 21:20	15°≈59'24	45°15'21	morning set	-5666 Jul 25 j 00:13	7° <b>I</b> 52'32	
grantest brillians	-5668 Feb 17 j 13:59	0° <b>\</b> 13° <b>\</b> 28'16	-4.7m		-5666 Aug 11 j 13:46	0ං <b>ව</b>	
greatest brilliancy retrograde	-5668 Mar 10 j 11:51 -5668 Mar 21 j 04:39	13° <b>★</b> 28'16 15° <b>★</b> 30'48	-4./111	superior conj	-5666 Sep 02 j 00:52	27° <b>©</b> 07'03	1°20'13
evening set	-5668 Apr 06 j 03:37	13 <b>X</b> 30 48		minimum elong	-5666 Sep 02 j 06:56	27°90703 27°926'11	1°20'27
inferior conj	-5668 Apr 11 j 14:33	7° <b>¥</b> 22'15	4°27'34	max. Earth dist.	-5666 Sep 02 j 19:43	28°906'35	1.70823 AU
minimum elong	-5668 Apr 11 j 22:43	7° <b>∺</b> 09'32	4°25'29	Zan di dist.	-5666 Sep 04 j 07:38	0° <b>Ω</b>	
min. Earth dist.	-5668 Apr 12 j 11:39	6° <b>)</b> 49′23	0.29112 AU		-5666 Sep 28 j 02:18	0° <b>m</b> )	
morning rise	-5668 Apr 17 j 17:22	3° <b>)</b> 41′32		evening rise	-5666 Oct 14 j 01:33	20° <b>m</b> 03'57	
	-5668 Apr 26 j 06:15	30° <b>R</b> ≈		desc. node	-5666 Oct 18 j 00:51	25° <b>m</b> 02'40	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5666 Oct 21 j 23:48 0∘**⊽** -5663 May 18 j 11:07 0°) -5666 Nov 15 j 01:01 0°M -5663 Jun 13 j 14:17  $0^{\circ}\Upsilon$ -5666 Dec 09 j 06:38 0°×7 -5663 Jul 08 j 16:21 0°8 0°궁 -5663 Jul 25 j 13:05 20°839'34 -5665 Jan 02 j 18:26 asc. node -5665 Jan 27 j 16:23  $\Pi^{\circ}0$ 0°≈ -5663 Aug 02 j 02:08 asc. node -5665 Feb 07 j 13:55 12°≈52'50 -5663 Aug 26 j 01:41 000 -5665 Feb 22 j 07:44 0°**∀** -5663 Sep 18 j 20:21 0° $\Omega$  $0^{\circ}\Upsilon$ -5665 Mar 21 j 06:40 morning set -5663 Oct 08 j 03:09 24°**Ω**21'03 24°**Y**09'36 0° M evening max el -5665 Apr 14 j 00:54 45°15'43 -5663 Oct 12 j 14:40 -5665 Apr 20 j 08:34 0°8 -5663 Nov 05 j 11:29 0°Ω greatest brilliancy -5665 May 22 j 12:09 21°**8**42'28 -4.7m desc. node -5663 Nov 14 j 13:37 11°**≏**22'38 desc. node -5665 May 30 j 17:30 23°**8**27'15 retrograde -5665 Jun 01 j 13:56 23°**8**31'07 superior conj -5663 Nov 19 j 09:26 17°**£**24'22 -0°11'08 evening set -5665 Jun 16 j 18:03 19°**8**12'59 minimum elong -5663 Nov 19 j 06:24 17°**♀**14'55 0°11'04 inferior conj -5665 Jun 22 j 16:56 15°846'20 -5°09'14 behind sun begin -5663 Nov 18 j 10:18 16° **2** 12'09 minimum elong -5665 Jun 22 j 07:09 16°**8**01'07 5°06'37 behind sun end -5663 Nov 20 j 02:30 18° 217'40 min. Earth dist. -5665 Jun 23 j 01:26 15°**8**33'28 0.27672 AU max. Earth dist. -5663 Nov 24 j 17:00 24°**£**02'16 1.71785 AU morning rise -5665 Jun 27 j 19:34 12°**8**45'24 -5663 Nov 29 j 11:52 direct -5665 Jul 13 j 21:57 7°**8**50'41 -5663 Dec 23 j 15:44 0°×7 greatest brilliancy -5665 Jul 25 j 01:22 10°**8**06'06 -4.9m evening rise -5663 Dec 30 j 15:58 8°**х** 40′14 -5665 Aug 22 j 13:17  $0^{\circ}\Pi$ -5662 Jan 16 j 22:57 0°정 morning max el -5665 Sep 02 i 07:47 10°**Ⅱ**25'46 46°45'28 -5662 Feb 10 i 10:13 0°≈ -5665 Sep 20 i 10:25 29°**Ⅱ**47'15 -5662 Mar 07 i 02:16 29°≈57'13 asc. node asc. node -5665 Sep 20 j 15:00 0ಂತಾ -5662 Mar 07 i 03:11 0°) -5665 Oct 16 j 13:12  $0^{\circ}\Omega$ -5662 Apr 01 j 04:19  $0^{\circ}\Upsilon$ -5665 Nov 10 j 11:03 0°m -5662 Apr 26 j 17:09 0°8 -5665 Dec 05 j 01:33 0∘**⊽** -5662 May 23 j 01:01 0°Π -5662 Jun 20 j 01:21 -5665 Dec 29 j 15:19 oom. 0ംഉ -5662 Jun 26 j 04:28 -5664 Jan 10 j 12:46 14°MJ30'22 6°506'17 46°40'13 desc node evening max el 0°×7 -5662 Jun 27 j 04:26 -5664 Jan 23 j 05:56 7°9504'34 desc. node -5662 Jul 24 j 15:15 0°궁 -5664 Feb 16 j 20:36 0° $\Omega$ 24°る42'46 greatest brilliancy -5664 Mar 08 j 02:21 -5662 Aug 06 j 06:20 6°**Ω**15'43 -4.9m morning set -5664 Mar 12 j 10:07 0°≈ -5662 Aug 15 j 07:14 7°**Ω**47'32 retrograde 0°\ -5662 Sep 01 j 20:16 1°**Ω**57'53 -5664 Apr 05 j 21:40 evening set -5662 Sep 04 j 22:43 max. Earth dist. -5664 Apr 10 j 08:46 5°**∺**28'50 1.73643 AU inferior conj 0°**Ω**06'36 -8°28'10 -5662 Sep 05 j 06:00 minimum elong 29°555'36 8°27'04 -5664 Apr 13 j 00:45 superior conj 8°**\(\)**45'26 -0°42'18 min. Earth dist. -5662 Sep 05 j 02:58 0°**Ω**00'10 0.26616 AU -5664 Apr 13 j 07:54 9°\cong 07'24 0°42'09 -5662 Sep 05 j 03:05 30°Rூ minimum elong -5664 Apr 30 j 06:57  $0^{\circ}\Upsilon$ morning rise -5662 Sep 08 j 15:39 27°954'19 -5664 May 02 j 01:29  $2^{\circ}$ Y11'05 -5662 Sep 25 j 07:19 22°930'43 asc. node direct -5664 May 18 j 13:54 22° Y 34'34 greatest brilliancy -5662 Oct 05 j 18:51 24°937'00 -4.9m evening rise -5664 May 24 j 14:01 0°8 -5662 Oct 16 j 01:13 0° $\Omega$ -5664 Jun 17 j 19:27  $\mathbb{I}^{\circ 0}$ -5662 Oct 17 j 21:19 asc. node 1°**Ω**13'35 -5664 Jul 12 j 00:35 0ಂತಾ -5662 Nov 14 j 23:50 26°**Ω**02'15 46°42'42 morning max el -5662 Nov 18 j 20:15 -5664 Aug 05 j 07:29  $0^{\circ}\Omega$ 0° m desc. node -5664 Aug 22 j 01:46 20°**Ω**34'47 -5662 Dec 16 j 05:34 0∘**⊽** -5664 Aug 29 j 18:51 0° m -5661 Jan 11 i 05:54 0°M -5664 Sep 23 i 14:29 0∘**⊽** -5661 Feb 05 i 18:10 0°×7 -5664 Oct 19 i 02:24 0°M desc. node -5661 Feb 07 i 00:59 1°**х** 31′10 -5664 Nov 15 i 05:42 0°×7 -5661 Mar 02 j 23:37 0°궁 -5664 Nov 19 i 15:32 4°**₹**32'28 46°40'13 -5661 Mar 27 j 23:06 0°**≈** evening max el -5664 Dec 12 j 17:08 25°**х** 28′51 -5661 Apr 21 j 16:32 0°\ asc. node -5664 Dec 19 j 02:27 0°궁 28°¥16'12 morning set -5661 May 14 j 18:11

greatest brilliancy

retrograde

evening set

inferior conj

morning rise

desc. node

minimum elong

greatest brilliancy

morning max el

min. Earth dist.

-5664 Dec 29 j 01:46

-5663 Jan 09 j 01:03

-5663 Jan 26 j 11:56

-5663 Jan 29 j 00:52

-5663 Jan 30 j 09:48

-5663 Jan 30 j 06:30

-5663 Jan 29 j 23:47

-5663 Feb 03 j 01:15

-5663 Feb 20 j 20:25

-5663 Mar 02 j 02:26

-5663 Mar 17 j 02:22

-5663 Apr 03 j 21:39

-5663 Apr 10 j 14:18

-5663 Apr 20 j 09:50

5°る16'17 -4.8m

29°**₹**07'09 8°05'06

8°04'36

-4.7m

0.29141 AU

asc. node

max. Earth dist.

minimum elong

superior conj

evening rise

desc. node

7°る32'47

1°**る**35'36

29°**∡**12'28

29°**х** 23′16

26°**х** 48′38

20°**х** 44′09

22°**₹**17'19

14°る11'04

20°る21'56 45°50'57

0°궁

30°R x<sup>7</sup>

 $0^{\circ}\Upsilon$ 

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0° $\Omega$ 

0° m

0∘**ত** 

29°**Ⅲ**20'15

7° m 55'20

17°**Y**′49'40

7°**8**31'49 1.72289 AU

13°**8**02'58 0°45'08

12°**8**38'23 0°45'02

-5661 May 16 j 03:54

-5661 May 30 j 14:12

-5661 Jun 09 j 09:35

-5661 Jun 15 j 10:50

-5661 Jun 19 j 21:06

-5661 Jun 19 j 13:13

-5661 Jul 03 j 10:37

-5661 Jul 26 j 20:09

-5661 Jul 27 j 08:48

-5661 Aug 20 j 06:26

-5661 Sep 13 j 05:45

-5661 Sep 19 j 14:13

-5661 Oct 07 j 08:36

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5661 Oct 31 j 16:53 0°M -5658 May 05 j 20:41 0°) -5661 Nov 25 j 10:12 0°×7 -5658 May 30 j 17:09  $0^{\circ}\Upsilon$ -5661 Dec 20 j 20:57 0°궁 -5658 Jun 24 j 03:03 0°8 22°る47'19 3°842'33 -5660 Jan 10 j 04:22 -5658 Jun 27 j 02:51 asc. node asc. node -5658 Jul 18 j 04:38 -5660 Jan 16 j 22:09 0°≈  $\Pi$  $^{\circ}0$ -5658 Jul 22 j 14:49 5°**Ⅲ**33'11 evening max el -5660 Jan 30 j 13:32 13°≈49'32 45°17'05 morning set -5660 Feb 17 j 23:25 0°**∀** -5658 Aug 11 j 00:43 0ಂಲ greatest brilliancy -5660 Mar 08 j 04:23 11°**∺**21′25 -4.7m retrograde -5660 Mar 18 j 20:57 13°**)** €23'39 superior conj -5658 Aug 30 j 12:40 24°938'00 1°21'12 evening set -5660 Apr 03 j 22:31 8°**¥**29′05 minimum elong -5658 Aug 30 j 17:51 24°954'23 1°21'28 inferior conj -5660 Apr 09 j 07:08 5°**升**14'24 4°43'10 max. Earth dist. -5658 Aug 30 j 21:26 25°505'42 1.70834 AU -5658 Sep 03 j 18:36 minimum elong -5660 Apr 09 j 15:32 5°**₩**01'16 4°41'05 0° $\Omega$ -5658 Sep 27 j 13:21 min. Earth dist. -5660 Apr 10 j 03:49 4°**)** 42′04 0.29148 AU 0° M morning rise -5660 Apr 15 j 08:10 1°**)** ₹35'38 evening rise -5658 Oct 11 j 09:55 17° m 24'53 -5660 Apr 18 j 09:39 30°R≈ desc. node -5658 Oct 17 j 02:55 24° m/34'21 direct -5660 May 01 j 04:55 26°≈49'47 -5658 Oct 21 j 10:55 0∘**⊽** desc. node -5660 May 01 j 08:34 26°≈49'49 -5658 Nov 14 j 12:14 0°M 28°≈58'14 -4.7m greatest brilliancy -5660 May 12 j 03:09 -5658 Dec 08 j 18:01 0°**∡**7 -5660 May 14 j 15:34 0°**)**€ -5657 Jan 02 j 06:08 0°정 morning max el -5660 Jun 19 j 15:00 27°\ 26'36 46°11'32 -5657 Jan 27 j 04:45 0°≈ -5660 Jun 22 j 05:30  $0^{\circ}\Upsilon$ asc. node -5657 Feb 06 j 16:11 12°≈21'55 -5660 Jul 20 i 07:44 0°8 -5657 Feb 21 i 21:28 0°) -5660 Aug 15 j 01:40  $\mathbb{I}^{\circ 0}$ -5657 Mar 20 j 23:33  $0^{\circ}\Upsilon$ asc. node -5660 Aug 22 j 01:10 8°II23'33 -5657 Apr 11 i 14:24 21°**Y**52'39 45°14'05 evening max el -5660 Sep 08 j 17:37 0ಂತಾ -5657 Apr 20 j 11:59 0°8 -5660 Oct 02 j 21:04  $0^{\circ}\Omega$ greatest brilliancy -5657 May 20 j 00:37 19°**8**23'52 -4 7m -5660 Oct 26 j 20:25 -5657 May 29 j 19:34  $0^{\circ}$  mb 21°**8**13'32 desc. node -5660 Nov 19 j 20:48 0∘**⊽** -5657 May 30 j 03:20 21°**8**13'39 retrograde 27°**♀**37'35 -5657 Jun 14 j 05:26 -5660 Dec 12 j 02:22 16°**8**57'41 desc node evening set -5660 Dec 14 j 00:19 -5657 Jun 20 j 06:42 13°**8**28'06 -4°50'52 0°M inferior conj 12°M47'08 -5660 Dec 24 j 08:17 -5657 Jun 19 j 21:15 13°**8**42'21 4°48'16 morning set minimum elong 0.27719 AU -5659 Jan 07 j 06:52 0°**∡** -5657 Jun 20 j 15:56 13°**8**14'09 min. Earth dist. -5659 Jan 31 j 15:25 0°궁 -5657 Jun 25 j 12:20 10°**8**23'05 morning rise -5657 Jul 11 j 12:08 direct 5°**8**31'08 -5659 Feb 01 j 23:08 1°る37'33 -1°22'05 -5657 Jul 22 j 17:09 superior conj greatest brilliancy 7°**8**48'03 -4.8m -5659 Feb 01 j 20:38 minimum elong 1°**る**29'54 1°22'24 -5657 Aug 22 j 16:27  $0^{\circ}\Pi$ 3°る29'14 1.73374 AU max. Earth dist. -5659 Feb 03 j 11:26 morning max el -5657 Aug 30 j 21:42 8°**П**02'32 46°44'59 -5659 Feb 25 j 01:12 0°**≈** -5657 Sep 19 j 12:30 29°**Ⅲ**04'11 asc. node evening rise -5659 Mar 11 j 01:40 17°≈12'13 -5657 Sep 20 j 08:24 0ಂತಾ -5659 Mar 13 j 10:02 20°≈05'04 -3.9m -5657 Oct 16 j 03:38  $0^{\circ}\Omega$ greatest brilliancy -5659 Mar 21 j 12:13 0°**)**€ -5657 Nov 10 j 00:05 0° m -5659 Apr 03 j 14:47 16°**)**€02'32 -5657 Dec 04 j 13:46 0∘**ত** asc. node -5659 Apr 15 j 00:50  $0^{\circ}\Upsilon$ -5657 Dec 29 j 03:00 0°M -5659 May 09 j 15:38 0°8 -5656 Jan 09 j 14:59 14°ML02'07 desc. node -5659 Jun 03 j 09:37  $\mathbb{I}^{\circ 0}$ -5656 Jan 22 j 17:13 0°×7 -5659 Jun 28 i 09:08 0ಂತಾ -5656 Feb 16 i 07:37 0°정 -5659 Jul 23 i 19:18  $0^{\circ}\Omega$ -5656 Mar 05 i 19:59 22°る36'45 morning set desc. node -5659 Jul 24 i 15:56 1°Ω00'01 -5656 Mar 11 j 20:57 0°≈ -5659 Aug 19 j 04:03 0° m -5656 Apr 05 j 08:26 0°) -5659 Sep 07 i 12:13 20° m 34'52 47°40'22 -5656 Apr 08 j 06:47 3°**升**36'03 1.73667 AU evening max el max. Earth dist. -5659 Sep 17 j 02:47 0∘**⊽** -5659 Oct 18 j 08:43 22°**£**23'41 -4.9m -5656 Apr 10 j 19:46 6°\dagger43'23 -0°44'52 greatest brilliancy superior conj -5659 Oct 28 j 13:45 24°**£**23'47 -5656 Apr 11 j 03:12 7°**₩**06'13 0°44'43 retrograde minimum elong  $0^{\circ}\Upsilon$ evening set -5659 Nov 12 j 03:32 20°**₽**04'00 -5656 Apr 29 j 17:44 -5656 May 01 j 03:31 1° Y 44' 08 -5659 Nov 14 j 08:12 18°**£**47'40 asc. node asc. node 20°Y32'16 min. Earth dist. -5659 Nov 17 j 10:53 16°**♀**52'13 0.27020 AU -5656 May 16 j 09:10 evening rise -5659 Nov 18 j 07:21 16°**≙**20′00 0°59'30 -5656 May 24 j 00:57 0°8 inferior conj -5656 Jun 17 j 06:38  $0^{\circ}\Pi$ minimum elong -5659 Nov 18 j 05:13 16°**£**23′21 0°58'46 -5656 Jul 11 j 12:09 0ಂತಾ morning rise -5659 Nov 24 j 07:53 12°**₽**43'19 0° $\Omega$ direct -5659 Dec 08 j 18:08 8°**₽**33'02 -5656 Aug 04 j 19:32

greatest brilliancy

morning max el

desc. node

-5659 Dec 17 j 20:50

-5658 Jan 16 j 17:52

-5658 Jan 27 j 00:13

-5658 Feb 16 j 01:17

-5658 Mar 06 j 12:43

-5658 Mar 15 j 08:30

-5658 Apr 10 j 11:14

10°**≏**07'41

0°M

0°**∡** 

0°る

0°≈

20°**√**07'05

-4.8m

9°M33'14 46°08'08

desc. node

evening max el

asc. node

-5656 Aug 21 j 03:56

-5656 Aug 29 j 07:32

-5656 Sep 23 j 04:07

-5656 Oct 18 j 17:49

-5656 Nov 15 j 01:49

-5656 Nov 17 j 07:11

-5656 Dec 11 j 19:19

20°**£**03′20

0° m

0∘**⊽** 

0°M

0°**∡**7

24°**₹**¹20'19

2°**∡**16'33 46°43'37

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 50 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	5
	-5656 Dec 20 j 09:23	5°0		morning set	-5653 May 12 j 13:13	26° <b>)</b> 13′23	
greatest brilliancy	-5656 Dec 26 j 18:14	3° <b>る</b> 05'27	-4.8m		-5653 May 15 j 14:51	$0$ ° $\Upsilon$	
retrograde	-5655 Jan 06 j 18:43	5° <b>る</b> 23'24		asc. node	-5653 May 29 j 16:23	17° <b>Ƴ</b> 22'28	
	-5655 Jan 23 j 06:16	30°R. <b>✓</b>			-5653 Jun 08 j 20:33	$9^{\circ}$ 8	
evening set	-5655 Jan 24 j 03:13	29° <b>∡</b> °28′24		max. Earth dist.	-5653 Jun 13 j 01:47	5° <b>8</b> 14'46	1.72353 AU
min. Earth dist.	-5655 Jan 27 j 15:12	27° <b>∡</b> 16′04	0.29097 AU		·		
inferior conj	-5655 Jan 28 j 02:47	26° <b>₹</b> '57'29	8°01'47	superior conj	-5653 Jun 17 j 14:42	10° <b>8</b> 53'57	0°42'25
minimum elong	-5655 Jan 27 j 22:52	27° <b>∡</b> °03'47		minimum elong	-5653 Jun 17 j 07:10	10° <b>8</b> 30'28	
morning rise	-5655 Jan 31 j 18:45	24° <b>∡</b> ³38'25			-5653 Jul 02 j 21:41	0°II	
direct	-5655 Feb 18 j 12:45	18° <b>∡</b> ³35′06		evening rise	-5653 Jul 24 j 10:49	27° <b>I</b> I00'28	
greatest brilliancy	-5655 Feb 27 j 17:27	20° <b>₹</b> 07'41	-4.7m	evening rise	-5653 Jul 26 j 20:01	0°9	
greatest orimaney	-5655 Mar 17 j 20:15	0°る	1.7111		-5653 Aug 19 j 17:51	$0^{\circ}\Omega$	
desc. node	-5655 Apr 02 j 23:44	13° <b>る</b> 18'59			-5653 Sep 12 j 17:23	0° mp	
morning max el	-5655 Apr 08 j 07:15		45°50'48	desc. node	-5653 Sep 18 j 16:14	7° <b>m</b> ) 25'07	
morning max er	-5655 Apr 20 j 04:48	0°≈	43 30 40	dese. Hode	-5653 Oct 06 j 20:33	ე∘ <b>亞</b>	
	-5655 May 18 j 01:46	0° <b>∺</b>			-5653 Oct 31 j 05:16	0° <b>™</b>	
	-5655 Jun 13 j 03:11	0°Υ			-5653 Nov 24 j 23:16	0° <b>⊼</b> ¹	
		0°8			·	0°る	
1	-5655 Jul 08 j 04:24			1	-5653 Dec 20 j 11:26		
asc. node	-5655 Jul 24 j 15:21	20° <b>8</b> 10'26		asc. node	-5652 Jan 09 j 06:41	22° <b>る</b> 08'02	
	-5655 Aug 01 j 13:44	0° <b>I</b> I			-5652 Jan 16 j 16:22	0° <b>≈</b>	45010156
	-5655 Aug 25 j 13:04	0°©		evening max el	-5652 Jan 28 j 05:03	11°≈37'46	45°18'56
_	-5655 Sep 18 j 07:39	$0^{\circ}\Omega$			-5652 Feb 18 j 12:09	0° <b>∀</b>	
morning set	-5655 Oct 05 j 13:12	21° <b>Ω</b> 45′52		greatest brilliancy	-5652 Mar 05 j 21:31	9° <b>米</b> 15′29	-4.7m
	-5655 Oct 12 j 01:54	0° <b>m</b> )		retrograde	-5652 Mar 16 j 13:10	11° <b>∺</b> 17'10	
	-5655 Nov 04 j 22:38	0∘ <b>⊽</b>		evening set	-5652 Apr 01 j 17:40	6° <b>∺</b> 19'02	
desc. node	-5655 Nov 13 j 15:41	10° <b>≏</b> 54'16		inferior conj	-5652 Apr 07 j 00:00	3° <b>∺</b> 07'12	
				minimum elong	-5652 Apr 07 j 08:35	2° <b>)</b> 53′44	4°56'06
superior conj	-5655 Nov 16 j 18:39	14° <b>≏</b> 48'32	-0°07'14	min. Earth dist.	-5652 Apr 07 j 20:28	2° <b>)</b> ₹35′06	0.29186 AU
minimum elong	-5655 Nov 16 j 16:40	14° <b>≏</b> 42'19	0°07'12		-5652 Apr 12 j 02:24	30° <b>R</b> ≈	
behind sun begin	-5655 Nov 15 j 16:05	13° <b>≏</b> 25'32		morning rise	-5652 Apr 12 j 23:06	29° <b>≈</b> 30′28	
behind sun end	-5655 Nov 17 j 17:14	15° <b>≏</b> 59'06		direct	-5652 Apr 28 j 21:46	24° <b>≈</b> 42′02	
max. Earth dist.	-5655 Nov 22 j 03:32	21° <b>≏</b> 30′50	1.71722 AU	desc. node	-5652 Apr 30 j 10:42	24° <b>≈</b> 44'44	
	-5655 Nov 28 j 22:56	0° <b>M</b> .		greatest brilliancy	-5652 May 09 j 18:57	26° <b>≈</b> 48'58	-4.7m
	-5655 Dec 23 j 02:46	0° <b>∡</b> ¹			-5652 May 16 j 15:49	0° <b>)</b> €	
evening rise	-5655 Dec 28 j 05:06	6° <b>∡</b> 18′26		morning max el	-5652 Jun 17 j 06:05	25° <b>∺</b> 12'25	46°10'13
•	-5654 Jan 16 j 10:00	ರ°0			-5652 Jun 22 j 02:28	$0^{\circ}$ Y	
	-5654 Feb 09 j 21:25	0° <b>≈</b>			-5652 Jul 19 j 23:19	0°B	
asc. node	-5654 Mar 06 i 04:22	29° <b>≈</b> 28'38			-5652 Aug 14 j 15:18	$\Pi^{\circ}0$	
	-5654 Mar 06 j 14:46	0° <b>∀</b>		asc. node	-5652 Aug 21 j 03:14	7° <b>Ⅱ</b> 49'37	
	-5654 Mar 31 j 16:36	0° <b>Υ</b>			-5652 Sep 08 j 06:18	0ංම	
	-5654 Apr 26 j 06:44	0°8			-5652 Oct 02 j 09:13	0°N	
	-5654 May 22 j 17:05	0°Щ			-5652 Oct 26 j 08:14	0° <b>m</b> )	
	-5654 Jun 19 j 23:29	0°©			-5652 Nov 19 j 08:23	0∘ <b>⊽</b>	
evening max el	-5654 Jun 23 j 18:17	3°5544'11	46°36'50	desc. node	-5652 Dec 11 j 04:32	27° <b>≏</b> 08'58	
desc. node	-5654 Jun 26 j 06:43	6°9510'14	10 30 30	desc. node	-5652 Dec 13 j 11:43	0° <b>™</b>	
dese. Hode	-5654 Jul 26 j 06:36	0°Ω		morning set	-5652 Dec 21 j 20:02	10°ML20'04	
greatest brilliancy	-5654 Aug 03 j 17:03	3° <b>Ω</b> 44'58	-4.9m	morning set	-5651 Jan 06 j 18:06	0° <b>√</b>	
retrograde	-5654 Aug 12 j 19:21	5° <b>Ω</b> 17'19	- <del>4</del> .7III		-3031 3an 00 j 10.00	٠ <b>٪</b>	
retrograde	-5654 Aug 29 j 10:00	30°Rூ		superior conj	-5651 Jan 30 j 14:51	29° <b>∡</b> "24'12	1021136
evening set	-5654 Aug 30 j 10:32	29°524'24		minimum elong	-5651 Jan 30 j 11:37	29° <b>x</b> 2412 29° <b>x</b> 14'14	
Č	<i>C</i> 3		9925150	minimum clong	•	29 <b>メ</b> ・14 14	1 21 34
inferior conj	-5654 Sep 02 j 10:34	27°536'33		T d F d	-5651 Jan 31 j 02:30		1 72221 ATT
minimum elong	-5654 Sep 02 j 17:06	27°526'42		max. Earth dist.	-5651 Feb 01 j 07:24		1.73331 AU
min. Earth dist.	-5654 Sep 02 j 14:34	27°530'31	0.26641 AU		-5651 Feb 24 j 12:13	0° <b>≈</b>	
morning rise	-5654 Sep 05 j 23:37	25°529'59		evening rise	-5651 Mar 08 j 19:51	15°≈06'55	
direct	-5654 Sep 22 j 20:22	20°500'42		greatest brilliancy	-5651 Mar 11 j 13:57	18° <b>≈</b> 29'37	-3.9m
greatest brilliancy	-5654 Oct 03 j 07:08	22° <b>©</b> 06'25	-4.9m	_	-5651 Mar 20 j 23:18	0° <b>∀</b>	
asc. node	-5654 Oct 16 j 23:29	29° <b>5</b> 49'38		asc. node	-5651 Apr 02 j 16:53	15° <b>)</b> 34'47	
	-5654 Oct 17 j 05:15	0°Ω			-5651 Apr 14 j 12:08	0° <b>Υ</b>	
morning max el	-5654 Nov 12 j 13:27	23° <b>Ω</b> 35′54	46°43'33		-5651 May 09 j 03:22	0°B	
	-5654 Nov 18 j 17:38	0° <b>m</b> )			-5651 Jun 02 j 22:01	0°Щ	
	-5654 Dec 15 j 21:36	0∘ <b>⊽</b>			-5651 Jun 27 j 22:33	0ంత	
	-5653 Jan 10 j 19:41	$0^{\circ}$ M			-5651 Jul 23 j 10:23	$0^{\circ}\Omega$	
	-5653 Feb 05 j 06:44	0° <b>∡</b> ¹		desc. node	-5651 Jul 23 j 18:03	0° <b>Ω</b> 22'14	
desc. node	-5653 Feb 06 j 03:10	1° <b>∡</b> °00'33			-5651 Aug 18 j 22:27	0° <b>m</b>	
	-5653 Mar 02 j 11:25	ರ∘8		evening max el	-5651 Sep 05 j 01:57	18° <b>m</b> )08'56	47°40'11
	-5653 Mar 27 j 10:25	0° <b>≈</b> ≈			-5651 Sep 17 j 07:28	0∘ <b>⊽</b>	
	-5653 Apr 21 j 03:35	0° <b>∀</b>		greatest brilliancy	-5651 Oct 16 j 00:57	19° <b>≙</b> 59'36	-4.9m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5651 Oct 26 j 03:20 21°**£**57'30 minimum elong -5648 Apr 08 j 22:39 5°\cdot\dot04'34 0°47'13 retrograde -5651 Nov 09 j 17:45 -5648 Apr 29 j 04:48  $0^{\circ}\Upsilon$ 17°**Ω**38'04 evening set -5651 Nov 13 j 10:25 -5648 Apr 30 j 05:45 1°Y16'51 15°**£**27'07 asc. node asc. node 18°**Y**30'21 -5651 Nov 15 j 01:59 14°**≏**25'21 0.26958 AU -5648 May 14 j 04:49 min. Earth dist. evening rise inferior conj -5651 Nov 15 j 21:11 13°**♀**55'08 0°36'52 -5648 May 23 j 12:08 0°8 -5648 Jun 16 j 18:04 -5651 Nov 15 j 19:51 minimum elong 13°**♀**57'14 0°36'24  $0^{\circ}\Pi$ morning rise -5651 Nov 21 j 22:50 10°**£**16'57 -5648 Jul 10 j 23:56 000 direct -5651 Dec 06 j 06:46 6°**₽**09'10 -5648 Aug 04 j 07:50 0° $\Omega$ greatest brilliancy -5651 Dec 15 j 11:49 7°**£**45'30 -4.8m desc. node -5648 Aug 20 j 05:58 19°**Ω**30'48 -5650 Jan 16 j 22:05  $0^{\circ}$ M -5648 Aug 28 j 20:31 0° M morning max el -5650 Jan 24 j 13:30  $7^{\circ}$ ML12'10 46°09'20 -5648 Sep 22 j 18:10 0∘**⊽** -5648 Oct 18 j 09:52 -5650 Feb 15 j 18:55 0°**∡**¹ 0°M desc. node -5650 Mar 05 j 14:44 19°**х** 30′30 -5648 Nov 14 j 23:12 0°×7 -5650 Mar 14 j 22:50 0°ರ evening max el -5648 Nov 14 j 23:45 0°**∡**'01'26 46°46'50 -5650 Apr 10 j 00:01 0°**≈** asc. node -5648 Dec 10 j 21:37 23°**х** 08′21 -5650 May 05 j 08:38 0°**)**€ -5648 Dec 22 j 09:21 0°정 -5650 May 30 j 04:40  $0^{\circ}\Upsilon$ greatest brilliancy -5648 Dec 24 j 10:42 0°る52'45 -4.8m -5650 Jun 23 j 14:21  $0^{\circ}$ 8 retrograde -5647 Jan 04 j 12:26 3°**ප**11'46 asc. node -5650 Jun 26 j 05:06 3°814'34 -5647 Jan 16 j 23:16 30°R ×7 -5650 Jul 17 j 15:52  $0^{\circ}\Pi$ evening set -5647 Jan 21 j 18:06 27°×19'34 morning set -5650 Jul 20 j 05:43 3°**Ⅱ**13'57 inferior conj -5647 Jan 25 j 19:32 24°**∡**¹45'45 7°57'40 -5650 Aug 10 j 11:59 0ಂತಾ minimum elong -5647 Jan 25 j 15:01 24°**₹**′53′00 7°57'00 min. Earth dist. -5647 Jan 25 j 06:13 25°**₹**'07'06 0.29043 AU -5650 Aug 28 j 00:23 22°507'35 1°22'02 -5647 Jan 29 j 12:13 22°×25'48 superior coni morning rise -5650 Aug 28 j 04:40 22°9521'05 1°22'19 -5647 Feb 16 j 05:13 16°**∡** 24'22 minimum elong direct -5650 Aug 28 j 01:46 22°511'54 1.70858 AU -5647 Feb 25 i 07:36 17°**∡**°55'38 max. Earth dist. greatest brilliancy -4 7m -5650 Sep 03 j 05:58  $\Omega^{\circ}\Omega$ -5647 Mar 18 j 10:11 ೧೦೯ -5650 Sep 27 j 00:48 -5647 Apr 02 j 01:58 0° m 12°る27'18 desc. node -5647 Apr 06 j 00:03 -5650 Oct 08 j 17:53 14° m 43'16 16°**る**07'09 45°50'45 evening rise morning max el -5650 Oct 16 j 04:59 24° Mp 04'46 -5647 Apr 19 j 23:36 0°≈ desc. node -5650 Oct 20 j 22:28 0∘∙თ 0°) -5647 May 17 j 16:28  $0^{\circ}\Upsilon$ -5650 Nov 13 j 23:51 0°M -5647 Jun 12 j 16:12 -5650 Dec 08 j 05:46 0°**∡** -5647 Jul 07 j 16:34 0°8 -5649 Jan 01 j 18:12 0°궁 -5647 Jul 23 j 17:23 19°**8**40'05 asc. node -5647 Aug 01 j 01:28 -5649 Jan 26 j 17:30 0°≈  $0^{\circ}\Pi$ asc. node -5649 Feb 05 j 18:16 11°**≈**49′25 -5647 Aug 25 j 00:35 0ಂತಾ -5649 Feb 21 j 11:38 0°**)**€ -5647 Sep 17 j 19:04 0 $^{\circ}$  $\Omega$ -5649 Mar 20 j 17:04  $0^{\circ}\Upsilon$ -5647 Oct 02 j 23:41 19°**Ω**11'39 morning set -5649 Apr 09 j 04:59 19°**Y**37'54 45°12'42 -5647 Oct 11 j 13:16 0° m evening max el -5649 Apr 20 j 17:24 0°8 -5647 Nov 04 j 09:58 0∘**⊽** greatest brilliancy -5649 May 17 j 13:01 17°**8**05'33 -4.7m desc. node -5647 Nov 12 j 17:53 10°**£**25'41 -5649 May 27 j 17:41 18°**8**56'53 retrograde -5649 May 28 j 21:49 18°**8**55'18 -5647 Nov 14 j 03:44 12°**△**11'29 -0°03'17 desc. node superior conj -5649 Jun 11 j 17:30 14°**8**42'50 -5647 Nov 14 j 02:48 evening set minimum elong 12°**2**08'35 0°03'18 -5649 Jun 17 j 20:49 11°810'28 -4°32'13 -5647 Nov 13 j 00:06 inferior conj behind sun begin 10°**£**45′07 minimum elong -5649 Jun 17 j 11:47 11°**8**24'05 4°29'40 behind sun end -5647 Nov 15 i 05:30 13°**♀**32'02 min. Earth dist. -5649 Jun 18 i 06:26 10°855'58 0.27767 AU max. Earth dist. -5647 Nov 19 i 15:34 19°**2**03'15 1.71669 AU morning rise -5649 Jun 23 i 05:23 8°801'38 -5647 Nov 28 i 10:15 0°M direct -5649 Jul 09 i 03:08 3°**8**12'24 -5647 Dec 22 j 14:04 0°×7 -5649 Jul 20 j 08:32 5°**8**29'59 -5647 Dec 25 j 17:41 3°**х** 54′00 greatest brilliancy -4 8m evening rise -5649 Aug 22 j 18:19  $0^{\circ}II$ -5646 Jan 15 j 21:20 0°궁 -5649 Aug 28 j 12:43 5°**Ⅱ**41'47 46°44'07 -5646 Feb 09 j 08:53 morning max el 0°≈ -5649 Sep 18 j 14:42 28° II 21'06 28°≈59'27 asc. node asc node -5646 Mar 05 j 06:29 -5649 Sep 20 j 01:46 0000 -5646 Mar 06 j 02:35 0°)  $0^{\circ}\Upsilon$ -5649 Oct 15 j 18:18  $0^{\circ}\Omega$ -5646 Mar 31 j 05:08  $0^{\circ}$ 8 -5649 Nov 09 j 13:29 0° m -5646 Apr 25 j 20:36 -5649 Dec 04 j 02:23 0∘ଫ -5646 May 22 j 09:34  $0^{\circ}\Pi$ 0°M -5646 Jun 19 j 22:35 -5649 Dec 28 j 15:03 0.00 13°M32'27 -5646 Jun 21 j 08:06 desc. node -5648 Jan 08 j 17:07 evening max el 1°522'02 46°33'26 -5648 Jan 22 j 04:51 0° **₹** desc. node -5646 Jun 25 j 08:53 5°9514'21 0°궁 -5646 Jul 28 j 19:46 -5648 Feb 15 j 18:56 0 $^{\circ}$  $\Omega$ -5648 Mar 03 j 13:34 20°る29'35 greatest brilliancy -5646 Aug 01 j 04:32 1°**Ω**15'41 -4.9m morning set -5648 Mar 11 j 08:05 0°≈ retrograde -5646 Aug 10 j 07:18 2°**Ω**47'51 -5648 Apr 04 j 19:29 0°**)**€ -5646 Aug 22 j 03:58 30°Rூ 1°**¥**46'32 1.73685 AU max. Earth dist. -5648 Apr 06 j 06:10 evening set -5646 Aug 28 j 00:45 26°952'32 25°907'34 -8°42'35 inferior conj -5646 Aug 30 j 22:43

-5648 Apr 08 j 14:58

superior conj

4°**)**40′58 -0°47′21

minimum elong

-5646 Aug 31 j 04:26

24°958'55 8°41'47

•	omena of Venus fro nical year style is used: Th		•	, , , , , , , , , , , , , , , , , , ,			ge 52
min. Earth dist.	-5646 Aug 31 j 02:41	-	0.26664 AU	anting style is the year	-5643 Feb 23 j 23:06	0° <b>≈</b>	
morning rise	-5646 Sep 03 j 08:05	23° <b>©</b> 06'09		evening rise	-5643 Mar 06 j 13:50	13° <b>≈</b> 01'25	
direct	-5646 Sep 20 j 09:12	17° <b>5</b> 31'46		greatest brilliancy	-5643 Mar 09 j 18:15	16° <b>≈</b> 55'43	-3.9m
greatest brilliancy	-5646 Sep 30 j 19:50	19° <b>©</b> 36'57	-4.9m		-5643 Mar 20 j 10:16	0° <b>∀</b>	
asc. node	-5646 Oct 16 j 01:42	28° <b>©</b> 28'57		asc. node	-5643 Apr 01 j 19:05	15° <b>∺</b> 07'43	
	-5646 Oct 18 j 01:33	$0$ $\circ$ $\Omega$			-5643 Apr 13 j 23:21	0° <b>Y</b>	
morning max el	-5646 Nov 10 j 02:07	21° <b>Ω</b> 07'11	46°44'14		-5643 May 08 j 14:59	0∘ <b>R</b>	
	-5646 Nov 18 j 14:13	0° <b>m</b> )			-5643 Jun 02 j 10:19	0°II	
	-5646 Dec 15 j 13:26	0∘ <b>亚</b>			-5643 Jun 27 j 11:52	0°©	
	-5645 Jan 10 j 09:28	0° <b>M</b> 0° <i>≯</i> 7		desc. node	-5643 Jul 22 j 20:05 -5643 Jul 23 j 01:26	29° <b>©</b> 44'33 0° <b>Ω</b>	
desc. node	-5645 Feb 04 j 19:23 -5645 Feb 05 j 05:09	0° <b>x</b> ¹28'59			-5643 Aug 18 j 17:03	0° <b>m</b> )	
desc. node	-5645 Mar 01 j 23:21	0 x 20 39		evening max el	-5643 Sep 02 j 15:08	15° Mp 42'25	47°39'56
	-5645 Mar 26 j 21:52	0° <b>≈</b>		evening max er	-5643 Sep 17 j 13:50	0° <u>م</u>	47 37 30
	-5645 Apr 20 j 14:43	0° <b>)</b> €		greatest brilliancy	-5643 Oct 13 j 16:54	0 <b>—</b> 17° <b>Ω</b> 35'31	-4.9m
morning set	-5645 May 10 j 08:05	24° <b>)</b> €09'58		retrograde	-5643 Oct 23 j 17:02	19° <b>£</b> 31'47	,
Č	-5645 May 15 j 01:50	0° <b>Υ</b>		evening set	-5643 Nov 07 j 08:01	15° <b>≙</b> 12'03	
asc. node	-5645 May 28 j 18:32	16° <b>Y</b> ′55'09		min. Earth dist.	-5643 Nov 12 j 16:55	11° <b>≙</b> 58'52	0.26901 AU
	-5645 Jun 08 j 07:31	0°8		asc. node	-5643 Nov 12 j 12:40	12° <b>≏</b> 05'32	
max. Earth dist.	-5645 Jun 10 j 17:46	3° <b>8</b> 01'02	1.72418 AU	inferior conj	-5643 Nov 13 j 10:55	11° <b>≏</b> 30'39	0°14'01
				minimum elong	-5643 Nov 13 j 10:24	11° <b>≏</b> 31'27	0°13'49
superior conj	-5645 Jun 15 j 08:22	8° <b>8</b> 45'12	0°39'39	transit middle	-5643 Nov 13 j 10:24	11° <b>≏</b> 31'27	0°13'49
minimum elong	-5645 Jun 15 j 01:12	8° <b>8</b> 22'54	0°39'32	transit begin	-5643 Nov 13 j 08:07	11° <b>≙</b> 35′01	
	-5645 Jul 02 j 08:46	$\Pi$ °0		transit end	-5643 Nov 13 j 12:41	11° <b>≏</b> 27'52	
evening rise	-5645 Jul 22 j 01:50	24° <b>Ⅱ</b> 41'53		morning rise	-5643 Nov 19 j 13:32	7° <b>£</b> 51'23	
	-5645 Jul 26 j 07:16	0°©		direct	-5643 Dec 03 j 19:16	3° <b>Ω</b> 45'27	
	-5645 Aug 19 j 05:16	0° <b>Q</b>		greatest brilliancy	-5643 Dec 13 j 02:40	5° <b>£</b> 23'46	-4.8m
JJ.	-5645 Sep 12 j 05:01	0° M)			-5642 Jan 17 j 00:18	0°M	46910129
desc. node	-5645 Sep 17 j 18:24 -5645 Oct 06 j 08:27	6°₯55'28 0° <u>₽</u>		morning max el	-5642 Jan 22 j 03:25 -5642 Feb 15 j 11:50	4°M53'25 0° <i>₹</i>	46°10'38
	-5645 Oct 30 j 17:35	0°M		desc. node	-5642 Mar 04 j 16:58	0 <b>x</b> . 18° <b>∡</b> 755'42	
	-5645 Nov 24 j 12:20	0° <b>∡</b> 7		desc. node	-5642 Mar 14 j 12:43	18 × 33 42 0°る	
	-5645 Dec 20 j 02:03	0°ਰ			-5642 Apr 09 j 12:29	0° <b>≈</b>	
asc. node	-5644 Jan 08 j 08:42	21° <b>る</b> 27'31			-5642 May 04 j 20:21	0° <b>)</b> €	
	-5644 Jan 16 j 11:03	0° <b>≈</b>			-5642 May 29 j 15:58	0° <b>Υ</b>	
evening max el	-5644 Jan 25 j 19:45	9° <b>≈</b> 23'42	45°20'43		-5642 Jun 23 j 01:26	0°8	
	-5644 Feb 19 j 05:32	0° <b>∀</b>		asc. node	-5642 Jun 25 j 07:09	2° <b>8</b> 46'32	
greatest brilliancy	-5644 Mar 03 j 14:30	7° <b>)</b> €08'41	-4.7m		-5642 Jul 17 j 02:51	$\Pi$ °0	
retrograde	-5644 Mar 14 j 05:13	9° <b>米</b> 10′10		morning set	-5642 Jul 17 j 20:35	0° <b>Ⅱ</b> 55'34	
evening set	-5644 Mar 30 j 12:42	4° <b>∺</b> 08'08			-5642 Aug 09 j 22:58	0ಂತಾ	
inferior conj	-5644 Apr 04 j 16:45	0° <b>¥</b> 59'28	5°12'48				
minimum elong	-5644 Apr 05 j 01:29	0° <b>)</b> 45'45		superior conj	-5642 Aug 25 j 12:09	19° <b>©</b> 38'11	1°22'41
min. Earth dist.	-5644 Apr 05 j 13:13	0° <b>)</b> €27'19	0.29222 AU	minimum elong	-5642 Aug 25 j 15:28	19°5548'41	1°23'00
	-5644 Apr 06 j 06:40	30°R≈ 27°2 22510€		max. Earth dist.	-5642 Aug 25 j 09:37	19° <b>©</b> 30'12	1.70881 AU
morning rise direct	-5644 Apr 10 j 13:48	27°≈25'06 22°≈33'39			-5642 Sep 02 j 17:02	0° <b>Ω</b>	
desc. node	-5644 Apr 26 j 14:03 -5644 Apr 29 j 12:55	22 ≈33 39 22°≈43'30		evening rise	-5642 Sep 26 j 11:58 -5642 Oct 06 j 01:58	0° Mg 12° Mg 02'54	
greatest brilliancy	-5644 May 07 j 11:07	24°≈39'55	-4.7m	desc. node	-5642 Oct 15 j 07:10	23° M) 36'26	
greatest offinaley	-5644 May 18 j 00:20	0° <b>)</b> €	1.7111	dese. Hode	-5642 Oct 20 j 09:43	0∘ <b>ಹ</b>	
morning max el	-5644 Jun 14 j 21:01	22° <b>)</b> 58′02	46°09'05		-5642 Nov 13 j 11:11	0° <b>M</b> .	
<u> </u>	-5644 Jun 21 j 22:43	0° <b>Υ</b>			-5642 Dec 07 j 17:14	0° <b>∡</b> ⊓	
	-5644 Jul 19 j 14:35	0°8			-5641 Jan 01 j 05:59	ರ°0	
	-5644 Aug 14 j 04:41	$\Pi^{\circ}0$			-5641 Jan 26 j 05:57	0° <b>≈</b>	
asc. node	-5644 Aug 20 j 05:22	7° <b>Ⅱ</b> 16′28		asc. node	-5641 Feb 04 j 20:27	11° <b>≈</b> 18′08	
	-5644 Sep 07 j 18:46	$0$ $\circ$			-5641 Feb 21 j 01:35	0° <b>∀</b>	
	-5644 Oct 01 j 21:10	$0$ $^{\circ}$ $\Omega$			-5641 Mar 20 j 10:35	0° <b>Υ</b>	
	-5644 Oct 25 j 19:52	0° <b>m</b> )		evening max el	-5641 Apr 06 j 20:17	17° <b>Y</b> 25'51	45°11'13
, .	-5644 Nov 18 j 19:46	0° <b>⊽</b>		,	-5641 Apr 21 j 00:40	0°8	4.7
desc. node	-5644 Dec 10 j 06:37	26° <b>♀</b> 40'41		greatest brilliancy	-5641 May 15 j 01:16	14° <b>8</b> 47'43	-4.7m
morning set	-5644 Dec 12 j 22:54	0°M, 7°M 53'40		retrograde	-5641 May 25 j 07:58	16° <b>8</b> 40'17 16° <b>8</b> 32'01	
anominio sei	-5644 Dec 19 j 07:52	7° <b>™</b> 53'49		desc. node evening set	-5641 May 27 j 23:58 -5641 Jun 09 j 05:38	12° <b>8</b> 28'14	
morning sec	-5643 Ian 06:05:06	0∘ ∕⊿		CVCHIIIZ SEL	יייטע וועט דיטע דיטע-	14 1340 14	
morning sec	-5643 Jan 06 j 05:06	0° <b>∡</b> ¹		-	-		-4°12'58
-	-		-1°20'58	inferior conj	-5641 Jun 15 j 10:46	8° <b>8</b> 53'07	
superior conj	-5643 Jan 06 j 05:06 -5643 Jan 28 j 06:34 -5643 Jan 28 j 02:35	0° 🖈 27° 🖈 11'19 26° 🖈 59'06		-	-		
superior conj	-5643 Jan 28 j 06:34	27° <b>-7</b> 11'19		inferior conj minimum elong	-5641 Jun 15 j 10:46 -5641 Jun 15 j 02:12	8° <b>8</b> 53'07 9° <b>8</b> 06'03	4°10'32
superior conj minimum elong	-5643 Jan 28 j 06:34 -5643 Jan 28 j 02:35	27° <b>⊀</b> 11'19 26° <b>⊀</b> 59'06	1°21'17	inferior conj minimum elong min. Earth dist.	-5641 Jun 15 j 10:46 -5641 Jun 15 j 02:12 -5641 Jun 15 j 20:40	8° <b>と</b> 53'07 9° <b>と</b> 06'03 8° <b>と</b> 38'11	4°10'32

Attention, astronom			•	unting style is the year	5900 BCE in historical c		
greatest brilliancy	-5641 Jul 17 j 23:15	3° <b>8</b> 11'34	-4.8m	evening rise	-5639 Dec 23 j 06:00	1° <b>∡</b> ¹29'33	
	-5641 Aug 22 j 18:41	$\Pi$ °0			-5638 Jan 15 j 08:23	0°ರ	
morning max el	-5641 Aug 26 j 03:52	3° <b>Ⅲ</b> 22′16	46°43'17		-5638 Feb 08 j 20:05	0° <b>≈</b>	
asc. node	-5641 Sep 17 j 16:58	27° <b>Ⅱ</b> 39'37		asc. node	-5638 Mar 04 j 08:43	28° <b>≈</b> 31'27	
	-5641 Sep 19 j 18:29	$0$ $\circ$			-5638 Mar 05 j 14:09	0° <b>∀</b>	
	-5641 Oct 15 j 08:28	$0^{\circ}\Omega$			-5638 Mar 30 j 17:26	$0^{\circ}$ Y	
	-5641 Nov 09 j 02:24	0° <b>m</b> )			-5638 Apr 25 j 10:16	0° <b>8</b>	
	-5641 Dec 03 j 14:34	0∘ <b>⊽</b>			-5638 May 22 j 02:00	0°II	
	-5641 Dec 28 j 02:43	0° <b>M</b> ,		evening max el	-5638 Jun 18 j 20:48	28° <b>∏</b> 58'01	46°29'49
desc. node	-5640 Jan 07 j 19:06	13°M03'27			-5638 Jun 19 j 22:22	0°95	
	-5640 Jan 21 j 16:06	0° <b>⊼</b> ¹		desc. node	-5638 Jun 24 j 10:54	4°517'34	4.0
marning got	-5640 Feb 15 j 05:53	0°る 18°る23'38		greatest brilliancy	-5638 Jul 29 j 16:15	28° <b>©</b> 46'59 0° <b>Ω</b>	-4.9m
morning set	-5640 Mar 01 j 07:11 -5640 Mar 10 j 18:50	18 <b>O</b> 23 38 0° <b>≈</b>		retrograde	-5638 Aug 03 j 18:19 -5638 Aug 07 j 18:24	0° <b>Ω</b> 18'25	
	-5640 Apr 04 j 06:09	0 <b>≈</b> 0° <b>∺</b>		renograde	-5638 Aug 11 j 16:40	30°R9	
max. Earth dist.	-5640 Apr 04 j 06:23	0° <b>)</b> (00'43	1.73702 AU	evening set	-5638 Aug 25 j 14:19	24°921'15	
max. Lartii dist.	-3040 Apr 04 J 00.23	0 7(0043	1.73702 AU	inferior conj	-5638 Aug 28 j 10:39	22°938'37	-8°48'06
superior conj	-5640 Apr 06 j 10:09	2° <b>)</b> 39'42	-0°49'46	minimum elong	-5638 Aug 28 j 15:29	22°931'18	
minimum elong	-5640 Apr 06 j 18:03	3° <b>¥</b> 03′56		min. Earth dist.	-5638 Aug 28 j 14:58	22°932'05	0.26692 AU
	-5640 Apr 28 j 15:31	0° <b>Υ</b>		morning rise	-5638 Aug 31 j 16:37	20°541'58	0.2007
asc. node	-5640 Apr 29 j 07:53	0° <b>Υ</b> 50'25		direct	-5638 Sep 17 j 21:23	15° <b>©</b> 02'27	
evening rise	-5640 May 12 j 00:24	16° <b>Y</b> ′29'19		greatest brilliancy	-5638 Sep 28 j 09:07	17° <b>©</b> 07'57	-4.9m
Č	-5640 May 22 j 23:01	0°B		asc. node	-5638 Oct 15 j 03:53	27° <b>©</b> 10'37	
	-5640 Jun 16 j 05:14	$\Pi^{\circ}0$			-5638 Oct 18 j 16:44	$0^{\circ}\Omega$	
	-5640 Jul 10 j 11:30	$0$ $\circ$ $\odot$		morning max el	-5638 Nov 07 j 14:04	18° <b>Ω</b> 36′27	46°45'03
	-5640 Aug 03 j 19:54	$0^{\circ}\Omega$			-5638 Nov 18 j 10:09	0° <b>m</b> )	
desc. node	-5640 Aug 19 j 08:10	18° <b>Ω</b> 59'27			-5638 Dec 15 j 04:54	0∘ <b>⊽</b>	
	-5640 Aug 28 j 09:16	0° <b>m</b> )			-5637 Jan 09 j 22:58	$0^{\circ}$ M.	
	-5640 Sep 22 j 07:59	0∘ <b>⊽</b>		desc. node	-5637 Feb 04 j 07:23	29°M58'54	
	-5640 Oct 18 j 01:48	$0^{\circ}$ M			-5637 Feb 04 j 07:45	0° <b>∡</b> ¹	
evening max el	-5640 Nov 12 j 16:29	27°M47'36	46°50'02		-5637 Mar 01 j 11:01	0°ಕ	
	-5640 Nov 14 j 20:55	0° <b>∡</b> ¹			-5637 Mar 26 j 09:04	0° <b>≈</b>	
asc. node	-5640 Dec 09 j 23:41	21° <b>х</b> 54'51	4.0		-5637 Apr 20 j 01:39	0° <b>∺</b>	
greatest brilliancy	-5640 Dec 22 j 03:41	28° <b>∡</b> ′41′29	-4.8m	morning set	-5637 May 08 j 03:11	22° <b>)</b> €07'52	
	-5640 Dec 26 j 01:07	0°る			-5637 May 14 j 12:37	0° <b>Υ</b>	
retrograde	-5639 Jan 02 j 05:59 -5639 Jan 09 j 04:41	1°る00'39 30°Ŗ <b>オ</b>		asc. node	-5637 May 27 j 20:36 -5637 Jun 07 j 18:19	16° <b>Y</b> 28'09 0° <b>と</b>	
evening set	-5639 Jan 19 j 08:48	25° <b>√</b> 11'54		max. Earth dist.	-5637 Jun 08 j 11:50		1.72481 AU
min. Earth dist.	-5639 Jan 22 j 21:18	23° <b>x</b> *11°34 22° <b>x</b> *58'42	0.28986 AU	max. Earth dist.	-303/Juli 00 J 11.30	0 03423	1.72461 AU
inferior conj	-5639 Jan 23 j 12:13	22° <b>x</b> 34'45	7°52'52	superior conj	-5637 Jun 13 j 02:24	6° <b>8</b> 38'19	0°36'50
minimum elong	-5639 Jan 23 j 07:07	22° <b>×</b> <sup>7</sup> 42'57		minimum elong	-5637 Jun 12 j 19:39	6° <b>8</b> 17'18	0°36'44
morning rise	-5639 Jan 27 j 05:48	20° <b>х</b> 13′27	,	8	-5637 Jul 01 j 19:39	0°II	
direct	-5639 Feb 13 j 21:39	14° <b>∡</b> 14'34		evening rise	-5637 Jul 19 j 17:22	22° <b>Ⅱ</b> 25'34	
greatest brilliancy	-5639 Feb 22 j 21:34	15° <b>∡</b> ¹44'07	-4.7m	Ü	-5637 Jul 25 j 18:19	0ං <b>ම</b>	
	-5639 Mar 18 j 20:06	0°ಕ			-5637 Aug 18 j 16:33	$0^{\circ}\Omega$	
desc. node	-5639 Apr 01 j 04:07	11° <b>る</b> 37'25			-5637 Sep 11 j 16:36	0° <b>m</b> )	
morning max el	-5639 Apr 03 j 16:18	13° <b>る</b> 58'55	45°50'45	desc. node	-5637 Sep 16 j 20:33	6° Mp 25′55	
	-5639 Apr 19 j 17:29	0° <b>≈</b>			-5637 Oct 05 j 20:22	0∘ <b>亚</b>	
	-5639 May 17 j 06:37	0° <b>∀</b>			-5637 Oct 30 j 05:57	$0^{\circ}$ M.	
	-5639 Jun 12 j 04:47	0° <b>Υ</b>			-5637 Nov 24 j 01:28	0° <b>∡</b> ¹	
	-5639 Jul 07 j 04:24	0°8			-5637 Dec 19 j 16:46	0°ਰ	
asc. node	-5639 Jul 22 j 19:33	19° <b>8</b> 10'57		asc. node	-5636 Jan 07 j 10:55	20° <b>පි</b> 47'15	
	-5639 Jul 31 j 12:56	0°Щ			-5636 Jan 16 j 06:09	0° <b>≈</b>	
	-5639 Aug 24 j 11:53	0°©		evening max el	-5636 Jan 23 j 10:05	7°≈08'57	45°22'51
	-5639 Sep 17 j 06:17	0°N			-5636 Feb 20 j 04:51	0° <b>\</b>	
morning set	-5639 Sep 30 j 09:50	16° <b>Ω</b> 36'57		greatest brilliancy	-5636 Mar 01 j 07:01	5° <b>)</b> €01'54	-4.7m
	-5639 Oct 11 j 00:24	0° <b>m</b> )		retrograde	-5636 Mar 11 j 21:43	7° <b>∺</b> 04'01	
	-5639 Nov 03 j 21:02	0∘ <b>⊽</b>		evening set	-5636 Mar 28 j 07:51	1° <b>)</b> 57'43 30° <b>R</b> ≈	
superior coni	-5630 Nov. 11 i 12:20	0° <b>U</b> 34'00	0°00'44	inferior coni	-5636 Mar 31 j 14:21		5°26'51
superior conj	-5639 Nov 11 j 12:28 -5639 Nov 11 j 12:39	9° <b>£</b> 34'08 9° <b>£</b> 34'43	0°00'44 0°00'42	inferior conj minimum elong	-5636 Apr 02 j 09:37	28°≈52'20 28°≈38'28	5°24'49
minimum alana	-JUJ9 INUV 11   14.39	7 == 34 4 <b>3</b>	0 0042	min. Earth dist.	-5636 Apr 02 j 18:26 -5636 Apr 03 j 05:58	28°≈38′28 28°≈20′21	0.29257 AU
minimum elong	·	8° <b>Ω</b> 10'02					
behind sun begin	-5639 Nov 10 j 09:35	8° <b>£</b> 10'03					0.2)231 AU
behind sun begin behind sun end	-5639 Nov 10 j 09:35 -5639 Nov 12 j 15:43	10° <b>≏</b> 59'21		morning rise	-5636 Apr 08 j 04:34	25° <b>≈</b> 20'42	0.27237 AO
behind sun begin	-5639 Nov 10 j 09:35 -5639 Nov 12 j 15:43 -5639 Nov 11 j 19:59		1.71608 AU		-5636 Apr 08 j 04:34 -5636 Apr 24 j 06:21	25°≈20'42 20°≈25'44	0.2)231 AO
behind sun begin behind sun end desc. node	-5639 Nov 10 j 09:35 -5639 Nov 12 j 15:43 -5639 Nov 11 j 19:59 -5639 Nov 17 j 04:39	10° <b>£</b> 59'21 9° <b>£</b> 57'41 16° <b>£</b> 39'44	1.71608 AU	morning rise direct	-5636 Apr 08 j 04:34 -5636 Apr 24 j 06:21 -5636 Apr 28 j 15:02	25° <b>≈</b> 20'42	-4.7m
behind sun begin behind sun end desc. node	-5639 Nov 10 j 09:35 -5639 Nov 12 j 15:43 -5639 Nov 11 j 19:59	10° <b>£</b> 59'21 9° <b>£</b> 57'41	1.71608 AU	morning rise direct desc. node	-5636 Apr 08 j 04:34 -5636 Apr 24 j 06:21	25°≈20'42 20°≈25'44 20°≈47'01	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 54 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

	ileai yeai style is useu. Til	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical c	ounting style.	
morning max el	-5636 Jun 12 j 12:58	20° <b>)</b> 46′37	46°08'07		-5634 Nov 12 j 22:39	$0^{\circ}$ M	
	-5636 Jun 21 j 18:14	$0^{\circ}\mathbf{\Upsilon}$			-5634 Dec 07 j 04:54	0° <b>∡</b> ¹	
	-5636 Jul 19 j 05:32	$0^{\circ}S$			-5634 Dec 31 j 18:01	0°₹	
	-5636 Aug 13 j 17:52	$\Pi$ °0			-5633 Jan 25 j 18:44	0° <b>≈</b>	
asc. node	-5636 Aug 19 j 07:39	6° <b>Ⅱ</b> 44'12		asc. node	-5633 Feb 03 j 22:40	10° <b>≈</b> 46′04	
	-5636 Sep 07 j 07:06	0ංම			-5633 Feb 20 j 15:56	0° <b>∀</b>	
	-5636 Oct 01 j 09:03	$0^{\circ}\Omega$			-5633 Mar 20 j 04:48	0°Υ	
	-5636 Oct 25 j 07:29	0° <b>m</b> p		evening max el	-5633 Apr 04 j 12:16	15° <b>Y</b> 14'54	45°09'58
	-5636 Nov 18 j 07:12	0∘ <b>⊽</b>			-5633 Apr 21 j 10:53	0° <b>8</b>	
desc. node	-5636 Dec 09 j 08:39	26° <b>≙</b> 12'01		greatest brilliancy	-5633 May 12 j 14:06	12° <b>8</b> 30'31	-4.7m
	-5636 Dec 12 j 10:10	0°M,		retrograde	-5633 May 22 j 22:03	14° <b>8</b> 23'40	
morning set	-5636 Dec 16 j 19:07	5°M25'15		desc. node	-5633 May 27 j 02:02	14° <b>8</b> 03'30	
	-5635 Jan 05 j 16:11	0° <b>∡</b> ¹		evening set	-5633 Jun 06 j 18:14	10° <b>8</b> 13'35	
	5 (0.5 X 0.5 : 0.1 ) (	240 75040	1000114	inferior conj	-5633 Jun 13 j 00:55	6° <b>8</b> 35'53	
superior conj	-5635 Jan 25 j 21:46	24° 🖈 56'40		minimum elong	-5633 Jun 12 j 16:52	6° <b>8</b> 48'03	
minimum elong	-5635 Jan 25 j 17:04	24° 🖈 42'12		min. Earth dist.	-5633 Jun 13 j 11:07		0.27863 AU
max. Earth dist.	-5635 Jan 27 j 18:29		1.73247 AU	morning rise	-5633 Jun 18 j 14:55	3° <b>8</b> 19'25	
	-5635 Jan 30 j 00:20	5°0		Ji4	-5633 Jun 26 j 00:19	30° <b>₹</b> Υ	
	-5635 Feb 23 j 10:00	0°≈		direct	-5633 Jul 04 j 09:52	28° <b>Ƴ</b> 36'01 0° <b>႘</b>	
evening rise	-5635 Mar 04 j 07:35	10°≈55'10	2 0	arrantant brillianas	-5633 Jul 13 j 01:49		1 9
greatest brilliancy	-5635 Mar 07 j 21:27	15°≈18'24 0° <b>∀</b>	-3.9m	greatest brilliancy	-5633 Jul 15 j 13:49	0° <b>8</b> 52'40 0° <b>Ⅱ</b>	-4.8m
1-	-5635 Mar 19 j 21:16	0° <del>X</del> 14° <del>X</del> 40'13			-5633 Aug 22 j 18:12	0°Д 1°Д01'28	46940102
asc. node	-5635 Mar 31 j 21:11	0° <b>Υ</b>		morning max el	-5633 Aug 23 j 18:40	26° <b>I</b> 57'16	40*42*23
	-5635 Apr 13 j 10:36	0.8 0.1		asc. node	-5633 Sep 16 j 19:01	26° <b>ய</b> 3716	
	-5635 May 08 j 02:42	0°II			-5633 Sep 19 j 11:08	0° <b>U</b> 0 €3	
	-5635 Jun 01 j 22:41	0₀æ			-5633 Oct 14 j 22:43	0° <b>m</b> )	
desc. node	-5635 Jun 27 j 01:18 -5635 Jul 21 j 22:22	0 \$3 29°\$07'20			-5633 Nov 08 j 15:28 -5633 Dec 03 j 02:54	0∘ <b>ত</b> مالا	
desc. node	-5635 Jul 22 j 16:40	29 <b>≥3</b> 07 20			-5633 Dec 03 j 02.34 -5633 Dec 27 j 14:32	0° <b>M</b> ₊	
	-5635 Aug 18 j 12:05	0° <b>m</b> )		desc. node	-5632 Jan 06 j 21:19	12°MJ34'31	
evening max el	-5635 Aug 31 j 04:55	13° Mp 17'38	17030132	desc. node	-5632 Jan 21 j 03:34	0° <b>√</b>	
evening max er	-5635 Sep 17 j 22:33	0∘ <b>ʊ</b>	4/ 3932		-5632 Feb 14 j 17:06	0°る	
greatest brilliancy	-5635 Oct 11 j 08:03	0 == 15°£10'10	-4 9m	morning set	-5632 Feb 28 j 00:36	0 ರ 16° <b>ರ</b> 16'11	
retrograde	-5635 Oct 21 j 07:01	17° <b>⊆</b> 05'35	- <del>4</del> .7III	morning set	-5632 Mar 10 j 05:53	0°≈	
evening set	-5635 Nov 04 j 22:21	17 <b>—</b> 03 33 12° <b>•</b> 44′59		max. Earth dist.	-5632 Apr 02 j 05:20		1.73714 AU
min. Earth dist.	-5635 Nov 10 j 07:29		0.26853 AU	max. Earth dist.	-5632 Apr 03 j 17:07	0° <b>₩</b>	1.73714710
inferior conj	-5635 Nov 11 j 00:30	9° <b>Ω</b> 05'19			000 <b>2</b> 11p1 00 j 17.07	٠,٨	
minimum elong	-	, — 02 17					
	-5635 Nov 11 i 00:49	9° <b>Ω</b> 04'48	0°08'56	superior coni	-5632 Apr 04 i 05:09	0°₩36'56	-0°52'09
_	-5635 Nov 11 j 00:49	9° <b>쇼</b> 04'48 9° <b>쇼</b> 04'48		superior conj minimum elong	-5632 Apr 04 j 05:09	0° <b>∺</b> 36'56 1° <b>∺</b> 01'41	
transit middle	-5635 Nov 11 j 00:49	9° <b>ഫ</b> 04'48		minimum elong	-5632 Apr 04 j 13:13	1° <b>)</b> €01'41	
transit middle transit begin	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24	9° <b>ഫ</b> 04'48 9° <b>ഫ</b> 10'08		1 3	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54	1° <b>米</b> 01'41 0° <b>Υ</b> 22'46	
transit middle transit begin transit end	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14	9° <b>ച</b> 04'48 9° <b>ച</b> 10'08 8° <b>ച</b> 59'27		minimum elong asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31	1°¥01'41 0°Υ22'46 0°Υ	
transit middle transit begin transit end asc. node	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45	9° <b>೨</b> 04'48 9° <b>೨</b> 10'08 8° <b>೨</b> 59'27 8° <b>೨</b> 43'01		minimum elong	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49	1°¥01'41 0°Υ22'46 0°Υ 14°Υ26'57	
transit middle transit begin transit end	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00	9° <b>ച</b> 04'48 9° <b>ച</b> 10'08 8° <b>ച</b> 59'27		minimum elong asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10	1°光01'41 0°Y22'46 0°Y 14°Y26'57 0°8	
transit middle transit begin transit end asc. node morning rise direct	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45	9° <b>£</b> 04'48 9° <b>£</b> 10'08 8° <b>£</b> 59'27 8° <b>£</b> 43'01 5° <b>£</b> 25'26		minimum elong asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41	1°¥01'41 0°Υ22'46 0°Υ 14°Υ26'57 0°႘ 0°Π	
transit middle transit begin transit end asc. node morning rise	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08	9° \(\Omega\)04'48 9° \(\Omega\)10'08 8° \(\Omega\)59'27 8° \(\Omega\)43'01 5° \(\Omega\)25'26 1° \(\Omega\)20'47	0°08'56	minimum elong asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10	1°光01'41 0°Y22'46 0°Y 14°Y26'57 0°8	
transit middle transit begin transit end asc. node morning rise direct	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08	9° \( \Omega \) 04'48 9° \( \Omega \) 10'08 8° \( \Omega \) 59'27 8° \( \Omega \) 43'01 5° \( \Omega \) 25'26 1° \( \Omega \) 20'47 3° \( \Omega \) 00'50	0°08'56	minimum elong asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22	1° χ01'41 0° Υ22'46 0° Υ 14° Υ26'57 0° ႘ 0° Π 0° ©	
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28	9° \( \Omega 04'48 \) 9° \( \Omega 10'08 \) 8° \( \Omega 59'27 \) 8° \( \Omega 43'01 \) 5° \( \Omega 25'26 \) 1° \( \Omega 20'47 \) 3° \( \Omega 00'50 \) 0° \( \Omega \)	0°08'56	minimum elong asc. node evening rise	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19	1°\colon 01'41 0°\colon 22'46 0°\colon 14°\colon 26'57 0°\colon 10 0°\colon 11 0°\colon 0°\colon 1	
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21	9° \( \Omega 04'48 \) 9° \( \Omega 10'08 \) 8° \( \Omega 59'27 \) 8° \( \Omega 43'01 \) 5° \( \Omega 25'26 \) 1° \( \Omega 20'47 \) 3° \( \Omega 00'50 \) 0° \( \Omega \) 2° \( \Omega 36'17 \)	0°08'56	minimum elong asc. node evening rise	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17	1° χ01'41 0° Υ22'46 0° Υ 14° Υ26'57 0° ႘ 0° Π 0° Ω 18° Ω26'51	
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41	9° <b>Ω</b> 04'48 9° <b>Ω</b> 10'08 8° <b>Ω</b> 59'27 8° <b>Ω</b> 43'01 5° <b>Ω</b> 25'26 1° <b>Ω</b> 20'47 3° <b>Ω</b> 00'50 0° <b>M</b> . 2° <b>M</b> .36'17 0° <b>X</b>	0°08'56	minimum elong asc. node evening rise	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24	1° χ01'41 0° Υ22'46 0° Υ 14° Υ26'57 0° ႘ 0° Π 0° Ω 18° Ω26'51 0° Μ	
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07	9° \( \Omega 04'48 \) 9° \( \Omega 10'08 \) 8° \( \Omega 59'27 \) 8° \( \Omega 43'01 \) 5° \( \Omega 25'26 \) 1° \( \Omega 20'47 \) 3° \( \Omega 00'50 \) 0° \( \Omega \) 2° \( \Omega 36'17 \) 0° \( \neq \) 18° \( \neq 20'14 \)	0°08'56	minimum elong asc. node evening rise	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15	1° χ01'41 0° Υ22'46 0° Υ 14° Υ26'57 0° ႘ 0° Π 0° Ω 18° Ω26'51 0° ႃႃၯ 0° Ω	
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 14 j 02:40	9° £04'48 9° £10'08 8° £59'27 8° £43'01 5° £25'26 1° £20'47 3° £00'50 0° ጤ 2° ጤ36'17 0° ጜ 18° ጜ20'14 0° ጜ	0°08'56	minimum elong asc. node evening rise desc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Oct 17 j 18:17	1° X 01'41 0° Y 22'46 0° Y 14° Y 26'57 0° B 0° II 0° S 0° Ω 18° Ω 26'51 0° II 0° II 0° II 0° II 0° II	0°52'02
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 14 j 02:40 -5634 Apr 09 j 01:02	9° £04'48 9° £10'08 8° £59'27 8° £43'01 5° £25'26 1° £20'47 3° £00'50 0° M 2° M36'17 0° ₹ 18° ₹20'14 0° ₹ 0° ≈	0°08'56	minimum elong asc. node evening rise desc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Oct 17 j 18:17 -5632 Nov 10 j 08:56	1°\mathcal{H}01'41 0°\mathcal{Y}22'46 0°\mathcal{Y} 14°\mathcal{Y}26'57 0°\mathcal{B} 0°\mathcal{I} 0°\mathcal{B} 0°\mathcal{A} 18°\mathcal{A}26'51 0°\mathcal{B} 0°\mathcal{B} 0°\mathcal{B} 25°\mathcal{B}32'12	0°52'02
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transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 14 j 02:40 -5634 Apr 09 j 01:02 -5634 May 04 j 08:09 -5634 May 29 j 03:21	9° £04'48 9° £10'08 8° £59'27 8° £43'01 5° £25'26 1° £20'47 3° £00'50 0° M. 2° M.36'17 0° ♂ 18° ♂20'14 0° ♂ 0° ≈ 0° 升 0° ↑	0°08'56	minimum elong asc. node evening rise  desc. node evening max el asc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Oct 17 j 18:17 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54	1° ¥01'41 0° ¥22'46 0° ¥ 14° ¥26'57 0° ¥ 0° ¶ 0° ¶ 0° ¶ 0° ¶ 0° ¶ 25° ¶ 32'12 0° ₹ 20° ₹ 38'48	0°52'02 46°53'11
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transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el desc. node  asc. node  asc. node morning set	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 03 j 19:07 -5634 May 04 j 08:09 -5634 May 29 j 03:21 -5634 Jun 22 j 12:37 -5634 Jul 15 j 11:48 -5634 Jul 16 j 13:58 -5634 Aug 09 j 10:07 -5634 Aug 22 j 17:38	9° £04'48 9° £10'08 8° £59'27 8° £43'01 5° £25'26 1° £20'47 3° £00'50 0° M. 2° M.36'17 0° ♂ 18° ♂20'14 0° ♂ 0° ₩ 0° ዅ 0° ₩ 2° ₩37'58 0° ዅ 0° \$ 16° \$\text{548'35} 17° \$\text{510'07} 17° \$\text{517'40}	0°08'56  -4.8m  46°11'52	minimum elong asc. node evening rise  desc. node  evening max el asc. node greatest brilliancy retrograde evening set min. Earth dist. inferior conj minimum elong morning rise	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54 -5632 Dec 19 j 21:17 -5632 Dec 19 j 21:17 -5632 Dec 30 j 23:11 -5631 Jan 20 j 23:29 -5631 Jan 20 j 23:22 -5631 Jan 24 j 23:39 -5631 Feb 11 j 13:59 -5631 Feb 20 j 12:07	1° ★01'41 0° ♥22'46 0° ♥ 14° ♥26'57 0° ℧ 0° ℿ 0° 亞 0° ℿ 25° ጤ32'12 0° ズ 20° ズ 38'48 26° ズ 30'17 28° ズ 48'51 23° ズ 04'00 20° ズ 32'27 18° ズ 00'17 12° ズ 04'22 13° ズ 32'28	0°52'02 46°53'11 -4.8m 0.28926 AU 7°47'31
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el desc. node  asc. node  asc. node  morning set	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 14:45 -5635 Nov 17 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 14 j 02:40 -5634 Apr 09 j 01:02 -5634 May 04 j 08:09 -5634 May 29 j 03:21 -5634 Jun 22 j 12:37 -5634 Jul 15 j 11:48 -5634 Jul 16 j 13:58 -5634 Aug 09 j 10:07 -5634 Aug 22 j 17:38 -5634 Aug 23 j 00:27 -5634 Aug 23 j 02:51 -5634 Sep 02 j 04:13	9° £04'48 9° £10'08 8° £59'27 8° £43'01 5° £25'26 1° £20'47 3° £00'50 0° M. 2° M.36'17 0° ₺ 18° ₺20'14 0° ₺ 0° ₩ 0° Ŷ 0° ₺ 2° ₺18'21 28° ₺37'58 0° Ⅲ 0° £ 16° £48'35 17° £10'07 17° £17'40 0° ₺	0°08'56  -4.8m  46°11'52  1.70901 AU  1°23'10	minimum elong asc. node evening rise  desc. node evening max el asc. node greatest brilliancy retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54 -5632 Dec 19 j 21:17 -5632 Dec 30 j 23:11 -5631 Jan 20 j 12:52 -5631 Jan 20 j 12:52 -5631 Jan 20 j 23:22 -5631 Jan 24 j 23:39 -5631 Feb 11 j 13:59 -5631 Feb 20 j 12:07 -5631 Mar 19 j 03:41	1°米01'41 0°Y22'46 0°Y 14°Y26'57 0°B 0°II 0°S 0°II 0°S 0°II 0°S 0°II 25°II,32'12 0°A 20°A38'48 26°A30'17 28°A48'51 23°A38'48 26°A30'17 28°A48'51 23°A9'21 20°A23'21 20°A32'27 18°A00'17 12°A04'22 13°A32'28 0°云	0°52'02 46°53'11 -4.8m 0.28926 AU 7°47'31 7°46'39
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el desc. node  asc. node  asc. node  morning set	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 03 j 19:07 -5634 May 04 j 08:09 -5634 May 29 j 03:21 -5634 Jun 22 j 12:37 -5634 Jul 15 j 11:48 -5634 Jul 16 j 13:58 -5634 Aug 09 j 10:07 -5634 Aug 23 j 00:27 -5634 Aug 23 j 00:27 -5634 Sep 02 j 04:13 -5634 Sep 25 j 23:15	9° \$\textit{004'48} 9° \$\textit{010'08} 8° \$\textit{05'9'27} 8° \$\textit{043'01} 5° \$\textit{025'26} 1° \$\textit{020'47} 3° \$\textit{000'50} 0° \$\textit{00'}\$ 18° \$\textit{20'14} 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 10° \$\textit{00'}\$ 16° \$\textit{00'}\$ 16° \$\textit{00'}\$ 17° \$\textit{00'}\$ 17° \$\textit{00'}\$ 17° \$\textit{00'}\$ 10° \$\text	0°08'56  -4.8m  46°11'52  1.70901 AU  1°23'10	minimum elong asc. node evening rise  desc. node  evening max el  asc. node greatest brilliancy retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy desc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54 -5632 Dec 19 j 21:17 -5632 Dec 30 j 23:11 -5631 Jan 16 j 23:29 -5631 Jan 20 j 12:52 -5631 Jan 20 j 12:52 -5631 Jan 20 j 23:22 -5631 Feb 11 j 13:59 -5631 Feb 20 j 12:07 -5631 Mar 19 j 03:41 -5631 Mar 31 j 06:12	1° ★01'41 0° ♥22'46 0° ♥ 14° ♥26'57 0° ♉ 0° Ⅲ 0° ♋ 0° № 18° №26'51 0° ♍ 0° № 25° №32'12 0° ♐ 20° ♂38'48 26° ♂30'17 28° ♂48'51 23° ♂49'21 20° ♂32'27 18° ♂04'02 12° ♂32'27 18° ♂04'22 13° ♂32'28 0° ♂ 10° ♂47'25	0°52'02 46°53'11 -4.8m 0.28926 AU 7°47'31 7°46'39 -4.7m
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el desc. node  asc. node  asc. node morning set  max. Earth dist. superior conj minimum elong	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 14 j 02:40 -5634 Apr 09 j 01:02 -5634 May 29 j 03:21 -5634 Jun 22 j 12:37 -5634 Jul 15 j 11:48 -5634 Jul 15 j 11:48 -5634 Aug 09 j 10:07 -5634 Aug 23 j 00:27 -5634 Aug 23 j 00:51 -5634 Sep 02 j 04:13 -5634 Sep 25 j 23:15 -5634 Oct 03 j 10:31	9° \$04'48 9° \$010'08 8° \$25'27 8° \$243'01 5° \$25'26 1° \$20'47 3° \$000'50 0° \$1 2° \$136'17 0° \$7 18° \$720'14 0° \$6 0° \$6 2° \$18'21 28° \$37'58 0° \$1 0° \$6 16° \$648'35 17° \$610'07 17° \$617'40 0° \$6 0° \$7 0° \$7 0° \$8 0° \$7 0° \$7 0° \$8 0° \$10'07 0° \$8 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07 0° \$10'07	0°08'56  -4.8m  46°11'52  1.70901 AU  1°23'10	minimum elong asc. node evening rise  desc. node evening max el asc. node greatest brilliancy retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54 -5632 Dec 19 j 21:17 -5632 Dec 30 j 23:11 -5631 Jan 16 j 23:29 -5631 Jan 20 j 12:52 -5631 Jan 20 j 12:52 -5631 Feb 11 j 13:59 -5631 Feb 20 j 12:07 -5631 Mar 19 j 03:41 -5631 Mar 31 j 06:12 -5631 Apr 01 j 07:51	1° ★01'41 0° ♥22'46 0° ♥ 14° ♥26'57 0° ♉ 0° Ⅲ 0° ♋ 0° № 18° №26'51 0° ♍ 0° শ 25° №32'12 0° ♐ 20° ♂38'48 26° ♂30'17 28° ♂48'51 23° ♂49'21 20° ♂32'27 18° ♂00'17 12° ♂04'22 13° ♂32'28 0° ♂ 10° ♂47'25 11° ♂48'02	0°52'02 46°53'11 -4.8m 0.28926 AU 7°47'31 7°46'39 -4.7m
transit middle transit begin transit end asc. node morning rise direct greatest brilliancy morning max el desc. node  asc. node  asc. node  morning set	-5635 Nov 11 j 00:49 -5635 Nov 10 j 21:24 -5635 Nov 11 j 04:14 -5635 Nov 11 j 04:00 -5635 Dec 01 j 08:08 -5635 Dec 10 j 17:08 -5634 Jan 17 j 01:28 -5634 Jan 19 j 18:21 -5634 Feb 15 j 04:41 -5634 Mar 03 j 19:07 -5634 Mar 03 j 19:07 -5634 May 04 j 08:09 -5634 May 29 j 03:21 -5634 Jun 22 j 12:37 -5634 Jul 15 j 11:48 -5634 Jul 16 j 13:58 -5634 Aug 09 j 10:07 -5634 Aug 23 j 00:27 -5634 Aug 23 j 00:27 -5634 Sep 02 j 04:13 -5634 Sep 25 j 23:15	9° \$\textit{004'48} 9° \$\textit{010'08} 8° \$\textit{05'9'27} 8° \$\textit{043'01} 5° \$\textit{025'26} 1° \$\textit{020'47} 3° \$\textit{000'50} 0° \$\textit{00'}\$ 18° \$\textit{20'14} 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 0° \$\textit{00'}\$ 10° \$\textit{00'}\$ 16° \$\textit{00'}\$ 16° \$\textit{00'}\$ 17° \$\textit{00'}\$ 17° \$\textit{00'}\$ 17° \$\textit{00'}\$ 10° \$\text	0°08'56  -4.8m  46°11'52  1.70901 AU  1°23'10	minimum elong asc. node evening rise  desc. node  evening max el  asc. node greatest brilliancy retrograde evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy desc. node	-5632 Apr 04 j 13:13 -5632 Apr 28 j 09:54 -5632 Apr 28 j 02:31 -5632 May 09 j 19:49 -5632 May 22 j 10:10 -5632 Jun 15 j 16:41 -5632 Jul 09 j 23:22 -5632 Aug 03 j 08:19 -5632 Aug 18 j 10:17 -5632 Aug 27 j 22:24 -5632 Sep 21 j 22:15 -5632 Nov 10 j 08:56 -5632 Nov 14 j 19:46 -5632 Dec 09 j 01:54 -5632 Dec 19 j 21:17 -5632 Dec 30 j 23:11 -5631 Jan 16 j 23:29 -5631 Jan 20 j 12:52 -5631 Jan 20 j 12:52 -5631 Jan 20 j 23:22 -5631 Feb 11 j 13:59 -5631 Feb 20 j 12:07 -5631 Mar 19 j 03:41 -5631 Mar 31 j 06:12	1° ★01'41 0° ♥22'46 0° ♥ 14° ♥26'57 0° ♉ 0° Ⅲ 0° ♋ 0° № 18° №26'51 0° ♍ 0° № 25° №32'12 0° ♐ 20° ♂38'48 26° ♂30'17 28° ♂48'51 23° ♂49'21 20° ♂32'27 18° ♂04'02 12° ♂32'27 18° ♂04'22 13° ♂32'28 0° ♂ 10° ♂47'25	0°52'02 46°53'11 -4.8m 0.28926 AU 7°47'31 7°46'39 -4.7m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 55 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical c	ounting style.	
	-5631 Jun 11 j 17:38	$0^{\circ}$ $\Upsilon$		asc. node	-5628 Jan 06 j 13:12	20° <b>පි</b> 05'56	
	-5631 Jul 06 j 16:29	$0^{\circ}$ 8			-5628 Jan 16 j 02:05	0° <b>≈</b> ≈	
asc. node	-5631 Jul 21 j 21:47	18° <b>8</b> 41'18		evening max el	-5628 Jan 21 j 00:55	4° <b>≈</b> 54'46	45°25'09
	-5631 Jul 31 j 00:38	$\Pi$ $^{\circ}0$			-5628 Feb 21 j 14:03	0° <b>)</b>	
	-5631 Aug 23 j 23:25	$0$ $\circ$ $\odot$		greatest brilliancy	-5628 Feb 27 j 22:59	2° <b>)</b> 54′04	-4.7m
	-5631 Sep 16 j 17:45	$0^{\circ}\Omega$		retrograde	-5628 Mar 09 j 14:49	4° <b>¥</b> 57'36	
morning set	-5631 Sep 27 j 20:03	14° <b>Ω</b> 01'32			-5628 Mar 25 j 17:55	30° <b>R</b> ≈	
	-5631 Oct 10 j 11:50	0° <b>m</b>		evening set	-5628 Mar 26 j 03:04	29° <b>≈</b> 46'55	
	-5631 Nov 03 j 08:25	0∘ <b>⊽</b>		inferior conj	-5628 Mar 31 j 02:33	26° <b>≈</b> 44'50	5°40'22
				minimum elong	-5628 Mar 31 j 11:25	26° <b>≈</b> 30'54	5°38'24
superior conj	-5631 Nov 08 j 21:18	6° <b>£</b> 56′04		min. Earth dist.	-5628 Mar 31 j 22:27	26° <b>≈</b> 13'35	0.29291 AU
minimum elong	-5631 Nov 08 j 22:36	7° <b>♀</b> 00'07	0°04'39	morning rise	-5628 Apr 05 j 19:19	23° <b>≈</b> 16′18	
behind sun begin	-5631 Nov 07 j 20:20	5° <b>≏</b> 37'54		direct	-5628 Apr 21 j 22:58	18° <b>≈</b> 17'32	
behind sun end	-5631 Nov 10 j 00:52	8° <b>≏</b> 22'18		desc. node	-5628 Apr 27 j 17:09	18° <b>≈</b> 54'22	
desc. node	-5631 Nov 10 j 21:59	9° <b>£</b> 28'21		greatest brilliancy	-5628 May 02 j 19:51	20° <b>≈</b> 23'24	-4.7m
max. Earth dist.	-5631 Nov 14 j 15:41	14° <b>£</b> 08'44	1.71545 AU		-5628 May 19 j 16:49	0° <b>∀</b>	
	-5631 Nov 27 j 08:36	0° <b>M</b> ₊		morning max el	-5628 Jun 10 j 05:44	18° <b>∺</b> 36'56	46°07'00
evening rise	-5631 Dec 20 j 18:13	29°M03'48			-5628 Jun 21 j 13:26	$0^{\circ}$ Y	
	-5631 Dec 21 j 12:22	0° <b>∡</b> ¹			-5628 Jul 18 j 20:32	$9^{\circ}$ 8	
	-5630 Jan 14 j 19:42	0°ಕ			-5628 Aug 13 j 07:12	$\Pi$ °0	
	-5630 Feb 08 j 07:34	0° <b>≈</b>		asc. node	-5628 Aug 18 j 09:41	6° <b>Ⅱ</b> 10'34	
asc. node	-5630 Mar 03 j 10:48	28° <b>≈</b> 02'02			-5628 Sep 06 j 19:36	0ංම	
	-5630 Mar 05 j 02:01	0° <b>)</b> €			-5628 Sep 30 j 21:05	$0^{\circ}\Omega$	
	-5630 Mar 30 j 06:06	$0^{\circ}$ Y			-5628 Oct 24 j 19:14	0° <b>m</b> )	
	-5630 Apr 25 j 00:25	$9^{\circ}$ 8			-5628 Nov 17 j 18:46	0∘ <b>ত</b>	
	-5630 May 21 j 19:08	$\Pi$ $^{\circ}$ 0		desc. node	-5628 Dec 08 j 10:51	25° <b>≏</b> 43'26	
evening max el	-5630 Jun 16 j 08:49	26° <b>Ⅲ</b> 31'32	46°26'20		-5628 Dec 11 j 21:33	0° <b>M</b>	
	-5630 Jun 19 j 23:43	$0$ $\circ$ $\odot$		morning set	-5628 Dec 14 j 06:05	2°M55'18	
desc. node	-5630 Jun 23 j 13:12	3°519'16			-5627 Jan 05 j 03:25	0° <b>∡</b> ¹	
greatest brilliancy	-5630 Jul 27 j 04:21	26°9518'08	-4.9m				
retrograde	-5630 Aug 05 j 05:28	27°5548'56		superior conj	-5627 Jan 23 j 12:41	22° <b>∡</b> ¹40'34	-1°19'20
evening set	-5630 Aug 23 j 03:32	21°950'20		minimum elong	-5627 Jan 23 j 07:15	22° <b>҂</b> ¹23'50	1°19'35
inferior conj	-5630 Aug 25 j 22:46	20°509'29	-8°52'31	max. Earth dist.	-5627 Jan 25 j 10:31	25° <b>₹</b> '01'40	1.73204 AU
minimum elong	-5630 Aug 26 j 02:39	20°503'35	8°51'58		-5627 Jan 29 j 11:27	ರ∘ರ	
min. Earth dist.	-5630 Aug 26 j 03:36	20°902'10	0.26723 AU		-5627 Feb 22 j 21:04	0° <b>≈</b>	
morning rise	-5630 Aug 29 j 01:42	18°917'12		evening rise	-5627 Mar 02 j 01:14	8° <b>≈</b> 48'12	
direct	-5630 Sep 15 j 09:26	12° <b>©</b> 32'40		greatest brilliancy	-5627 Mar 06 j 07:50	14° <b>≈</b> 02'42	-3.9m
greatest brilliancy	-5630 Sep 25 j 23:04	14° <b>©</b> 39'24	-4.9m		-5627 Mar 19 j 08:24	0° <b>∀</b>	
asc. node	-5630 Oct 14 j 06:02	25°\$53'56		asc. node	-5627 Mar 30 j 23:18	14° <b>¥</b> 12'25	
	-5630 Oct 19 j 04:25	$0^{\circ}\Omega$			-5627 Apr 12 j 21:59	$0^{\circ}$ $\Upsilon$	
morning max el	-5630 Nov 05 j 02:10	16° <b>Ω</b> 05′13	46°45'49		-5627 May 07 j 14:31	0°B	
•	-5630 Nov 18 j 05:48	0° m/			-5627 Jun 01 j 11:13	$\Pi^{\circ}0$	
	-5630 Dec 14 j 20:29	0∘ <u>⊽</u>			-5627 Jun 26 j 14:58	0°©	
	-5629 Jan 09 j 12:39	0°M₊		desc. node	-5627 Jul 21 j 00:27	28°528'37	
desc. node	-5629 Feb 03 j 09:29	29°M27'42			-5627 Jul 22 j 08:18	$0^{\circ}\Omega$	
	-5629 Feb 03 j 20:21	0° <b>∡</b> ¹			-5627 Aug 18 j 07:54	0° <b>m</b> )	
	-5629 Feb 28 j 22:53	0°ಕ		evening max el	-5627 Aug 28 j 19:44	10° <b>m</b> 54'53	47°38'59
	-5629 Mar 25 j 20:29	0° <b>≈</b>		•	-5627 Sep 18 j 10:38	0∘ <b>ত</b>	
	-5629 Apr 19 j 12:47	0° <b>∀</b>		greatest brilliancy	-5627 Oct 08 j 22:37	12° <b>≙</b> 43'15	-4.9m
morning set	-5629 May 05 j 22:19	20° <b>米</b> 05′06		retrograde	-5627 Oct 18 j 21:18	14° <b>≏</b> 38'12	
•	-5629 May 13 j 23:40	$0^{\circ}$ $\Upsilon$		evening set	-5627 Nov 02 j 12:42	10° <b>≏</b> 16'38	
asc. node	-5629 May 26 j 22:47	16° <b>Ƴ</b> 00'41		min. Earth dist.	-5627 Nov 07 j 21:33	7° <b>♀</b> 04'11	0.26803 AU
max. Earth dist.	-5629 Jun 06 j 07:16	28° <b>Y</b> 51'15	1.72546 AU	inferior conj	-5627 Nov 08 j 13:50	6° <b>≙</b> 38'47	-0°32'17
	-5629 Jun 07 j 05:23	0°B		minimum elong	-5627 Nov 08 j 15:01	6° <b>£</b> 36'57	
	,			asc. node	-5627 Nov 10 j 16:59	5° <b>≏</b> 19'37	
superior conj	-5629 Jun 10 j 20:25	4° <b>8</b> 30'36	0°34'00	morning rise	-5627 Nov 14 j 18:04	2° <b>≏</b> 58'41	
minimum elong	-5629 Jun 10 j 14:07	4° <b>8</b> 10'57		<b>U</b> -	-5627 Nov 21 j 16:50	30°R, Mp	
Ş	-5629 Jul 01 j 06:50	0°II		direct	-5627 Nov 28 j 21:14	28° m/55'11	
evening rise	-5629 Jul 17 j 09:00	20° <b>I</b> 08'50			-5627 Dec 06 j 08:20	0° <b>⊽</b>	
<i>5</i>	-5629 Jul 25 j 05:39	0 ೨ ೦ ೦		greatest brilliancy	-5627 Dec 08 j 06:54	0° <b>£</b> 36′20	-4.9m
	-5629 Aug 18 j 04:05	0°N		5	-5626 Jan 17 j 01:33	0°M	
	-5629 Sep 11 j 04:24	0° <b>m</b> )		morning max el	-5626 Jan 17 j 09:41	0° <b>ጤ</b> 19'47	46°13'02
desc. node	-5629 Sep 15 j 22:34	5° m/ 55'20			-5626 Feb 14 j 21:16	0° <b>⊼</b> 7	
	-5629 Oct 05 j 08:31	0∘ <b>ರ</b>		desc. node	-5626 Mar 02 j 21:09	17° <b>∡</b> ¹44'31	
	-5629 Oct 29 j 18:35	0° <b>M</b>		· · - · · · - <del>· · · · ·</del>	-5626 Mar 13 j 16:33	0°る	
	-5629 Nov 23 j 14:55	0° <b>⊼</b> ¹			-5626 Apr 08 j 13:34	0° <b>≈</b>	
	-5629 Dec 19 j 07:56	0°ਤ ਹ ×			-5626 May 03 j 19:56	0° <b>₩</b>	
		. •				- **	

Planetary Pheno		o woor 5000 i	n actronomical co	unting style is the year	5000 PCE in historical a	ounting style	
Attention, astronom	ical year style is used: Th -5626 May 28 j 14:43	e year -3899 1 0° <b>Υ</b>	n astronomicai co	asc. node	-5624 Dec 08 j 04:10	19° <b>₹</b> 20'24	
	-5626 Jun 21 j 23:46	0°8		greatest brilliancy	-5624 Dec 17 j 15:08	24° 🖈 18'59	-4.8m
asc. node	-5626 Jun 23 j 11:31	1° <b>8</b> 50'49		retrograde	-5624 Dec 28 j 15:41	26° 🖈 36'31	<b>-4</b> .0III
morning set	-5626 Jul 13 j 03:19	26° <b>8</b> 21'33		evening set	-5623 Jan 14 j 13:49	20° × 55'52	
morning sec	-5626 Jul 16 j 01:04	0°Ⅱ		min. Earth dist.	-5623 Jan 18 j 04:37	18° <b>₹</b> 39'02	0.28864 AU
	-5626 Aug 08 j 21:14	0°©		inferior conj	-5623 Jan 18 j 21:39	18° <b>⊀</b> 11'36	7°41'18
max. Earth dist.	-5626 Aug 19 j 23:06	13° <b>©</b> 58'58	1.70929 AU	minimum elong	-5623 Jan 18 j 15:28	18° <b>≯</b> 21'33	7°40'20
	<i>5</i> 3			morning rise	-5623 Jan 22 j 17:31	15° <b>∡</b> 746′24	
superior conj	-5626 Aug 20 j 12:56	14°5642'38	1°23'30	direct	-5623 Feb 09 j 05:40	9° <b>∡¹</b> 53'47	
minimum elong	-5626 Aug 20 j 14:24	14°9547'14	1°23'50	greatest brilliancy	-5623 Feb 18 j 03:07	11° <b>≮</b> ¹21′06	-4.7m
	-5626 Sep 01 j 15:27	$0^{\circ}\Omega$			-5623 Mar 19 j 08:55	0°ರ	
	-5626 Sep 25 j 10:35	0° <b>m</b> )		morning max el	-5623 Mar 29 j 22:31	9° <b>ට</b> 35'24	45°50'43
evening rise	-5626 Sep 30 j 18:44	6° Mp 42′54		desc. node	-5623 Mar 30 j 08:26	9° <b>ප</b> 59'01	
desc. node	-5626 Oct 13 j 11:19	22°M 38'16			-5623 Apr 19 j 04:36	0° <b>≈</b>	
	-5626 Oct 19 j 08:29	0∘ <b>亚</b>			-5623 May 16 j 10:56	0° <b>)</b> €	
	-5626 Nov 12 j 10:10	0°M₊			-5623 Jun 11 j 06:10	$0$ ° $\mathbf{\gamma}$	
	-5626 Dec 06 j 16:35	0° <b>∡</b> ¹			-5623 Jul 06 j 04:18	$0^{\circ}$ 8	
	-5626 Dec 31 j 06:05	0°ಕ		asc. node	-5623 Jul 20 j 23:48	18° <b>8</b> 11'47	
	-5625 Jan 25 j 07:35	0° <b>≈</b>			-5623 Jul 30 j 12:05	$\Pi^{\circ}0$	
asc. node	-5625 Feb 03 j 00:44	10°≈13'24		greatest brilliancy	-5623 Aug 07 j 18:43	10° <b>Ⅱ</b> 19'45	-3.9m
	-5625 Feb 20 j 06:27	0° <b>)</b> €			-5623 Aug 23 j 10:40	0°9	
	-5625 Mar 19 j 23:26	0° <b>Υ</b>			-5623 Sep 16 j 04:53	0°N	
evening max el	-5625 Apr 02 j 04:07	13° <b>Y</b> ′03'47	45°08'46	morning set	-5623 Sep 25 j 06:45	11° <b>Ω</b> 28'35	
	-5625 Apr 22 j 00:23	0°8			-5623 Oct 09 j 22:55	0° <b>m</b> )	
greatest brilliancy	-5625 May 10 j 03:46	10° <b>8</b> 14'54	-4.7m		-5623 Nov 02 j 19:29	0∘ <b>⊽</b>	
retrograde	-5625 May 20 j 11:50	12° <b>8</b> 07'54			5(22 N 0( : 0(-10	49 0 10127	0000140
desc. node	-5625 May 26 j 04:18	11° <b>8</b> 30'26		superior conj	-5623 Nov 06 j 06:19	4° <b>£</b> 19'27	
evening set inferior conj	-5625 Jun 04 j 07:14 -5625 Jun 10 j 15:15	7° <b>8</b> 59'41 4° <b>8</b> 19'45	2024102	minimum elong behind sun begin	-5623 Nov 06 j 08:41 -5623 Nov 05 j 09:13	4° <b>£</b> 26'54 3° <b>£</b> 13'25	0°08'34
minimum elong	-5625 Jun 10 j 07:46	4° <b>8</b> 31'06		behind sun end	-5623 Nov 07 j 08:09	5° <b>£</b> 40′21	
min. Earth dist.	-5625 Jun 11 j 02:01	4° <b>8</b> 03'25	0.27906 AU	desc. node	-5623 Nov 10 j 00:12	9° <b>£</b> 00'42	
morning rise	-5625 Jun 16 j 07:40	0° <b>8</b> 59'30	0.27700 AO	max. Earth dist.	-5623 Nov 10 j 00:12	11° <b>≏</b> 31'18	1.71489 AU
morning rise	-5625 Jun 18 j 04:54	30° <b>Ŗ</b> ♈		max. Earth dist.	-5623 Nov 26 j 19:39	0°M	1.71107110
direct	-5625 Jul 02 j 01:11	26° <b>Y</b> 19'09		evening rise	-5623 Dec 18 j 06:05	26°M37'42	
greatest brilliancy	-5625 Jul 13 j 04:36	28° <b>Y</b> '35'00	-4.8m		-5623 Dec 20 j 23:25	0° <b>∡</b> 7	
,	-5625 Jul 16 j 10:51	$0^{\circ}B$			-5622 Jan 14 j 06:47	0°ರ	
morning max el	-5625 Aug 21 j 08:28	28° <b>8</b> 38'52	46°41'20		-5622 Feb 07 j 18:49	0° <b>≈</b>	
	-5625 Aug 22 j 16:31	$\Pi^{\circ}0$		asc. node	-5622 Mar 02 j 12:55	27° <b>≈</b> 33'26	
asc. node	-5625 Sep 15 j 21:14	26° <b>Ⅱ</b> 16′20			-5622 Mar 04 j 13:42	0° <b>)</b>	
	-5625 Sep 19 j 03:21	0ංම			-5622 Mar 29 j 18:37	$0^{\circ}$ $\Upsilon$	
	-5625 Oct 14 j 12:44	$0^{\circ}\Omega$			-5622 Apr 24 j 14:29	$9^{\circ}$ 8	
	-5625 Nov 08 j 04:24	0° <b>m</b> )			-5622 May 21 j 12:21	$\Pi^{\circ}0$	
	-5625 Dec 02 j 15:08	0∘ <b>亚</b>		evening max el	-5622 Jun 13 j 20:36	24° <b>Ⅱ</b> 05′23	46°22'55
	-5625 Dec 27 j 02:17	0°M₊			-5622 Jun 20 j 02:06	$0$ $\circ$ $\odot$	
desc. node	-5624 Jan 05 j 23:27	12°ML05'36					
				desc. node	-5622 Jun 22 j 15:20	2° <b>©</b> 19'56	
	-5624 Jan 20 j 14:56	0° <b>∡</b> ¹		greatest brilliancy	-5622 Jul 24 j 16:03	23°549'52	-4.9m
	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11	ರ°0 ರ°√		greatest brilliancy retrograde	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53	23°\$49'52 25°\$20'48	-4.9m
morning set	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40	0°♂ 0°♂ 14°♂8'06		greatest brilliancy retrograde evening set	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17	23°\$49'52 25°\$20'48 19°\$21'05	
	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48	0°♂ 0°♂ 14°♂8'06 0°≈	1.00005	greatest brilliancy retrograde evening set inferior conj	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51	23°S49'52 25°S20'48 19°S21'05 17°S41'29	-8°55'54
morning set max. Earth dist.	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40	0°♂ 0°♂ 14°♂8'06	1.73725 AU	greatest brilliancy retrograde evening set inferior conj minimum elong	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48	23°S49'52 25°S20'48 19°S21'05 17°S41'29 17°S37'01	-8°55'54 8°55'27
max. Earth dist.	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50	0°♂ 0°♂ 14°♂08'06 0°≈ 26°≈15'33		greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34	-8°55'54
max. Earth dist.	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02	0°♂ 0°♂ 14°♂08'06 0°≈ 26°≈15'33	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06	-8°55'54 8°55'27
max. Earth dist.	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13	0° 🖈 0° පි 14° පි08'06 0° ≈ 26° ≈ 15'33 28° ≈ 34'17 28° ≈ 59'24	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56	-8°55'54 8°55'27 0.26752 AU
max. Earth dist. superior conj minimum elong	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58	0° ፟፟ጱ ් 0° ්ට 14° ්ට 08'06 0° ඎ 26° ඎ15'33 28° ඎ34'17 28° ඎ59'24 0° ዧ	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11	-8°55'54 8°55'27
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max. Earth dist. superior conj minimum elong asc. node	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jun 15 j 03:58 -5624 Jul 09 j 11:03	0° ౘ 0° ౘ 14° ౘ08'06 0° ≈ 26° ≈15'33 28° ≈34'17 28° ≈59'24 0° ዧ 29° ዧ55'08 0° ᡩ 0° ਊ 0° ਊ 0° ఔ 0° ఔ 0° ఔ	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51	23°S49'52 25°S20'48 19°S21'05 17°S41'29 17°S37'01 17°S33'34 15°S53'06 10°S03'56 12°S12'11 24°S40'55 0°Ω 13°Ω37'03 0°M 0°Ω 0°M	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist. superior conj minimum elong asc. node evening rise	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jun 15 j 03:58 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31	0° ♣ 0° ♂ 14° ♂ 08'06 0° ≈ 26° ≈ 15'33 28° ≈ 34'17 28° ≈ 59'24 0° 升 29° 升 56'08 0° ♀ 12° ♀ 25'08 0° ♂ 0° ∏ 0° ∰ 0° ₤ 0° ₤ 0° ₤	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11 24°\$40'55 0°\$Ω 13°\$Ω37'03 0°\$\textbf{m}\$ 0°\$\textbf{L}\$ 0°\$\textbf{L}\$ 28°\$\textbf{L}\$57'19	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist. superior conj minimum elong asc. node	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jun 15 j 03:58 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31 -5624 Aug 17 j 12:20	0° ♣ 0° ♂ 14° ♂ 08'06 0° ≈ 26° ≈ 15'33 28° ≈ 34'17 28° ≈ 59'24 0° 升 29° 升 56'08 0° ♀ 12° ♀ 25'08 0° ♂ 17° ♠ 56'44	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31 -5621 Feb 03 j 08:33	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11 24°\$40'55 0°\$\Omega\$ 0°\$\mathbf{m}\$ 0°\$\mathbf{m}\$ 0°\$\mathbf{m}\$ 28°\$\mathbf{m}\$.57'19 0°\$\mathbf{m}\$	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist. superior conj minimum elong asc. node evening rise	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 02 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31 -5624 Aug 17 j 12:20 -5624 Aug 27 j 11:20	0° ₹ 0° 508'06 0° ₹ 26° ₹ 15'33 28° ₹ 34'17 28° ₹ 59'24 0° ₹ 29° ₹ 56'08 0° ₹ 12° ₹ 25'08 0° ₹ 0° ₹ 0° ₹ 17° ₹ 55'444 0° ₹ 10	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31 -5621 Feb 03 j 08:33 -5621 Feb 28 j 10:26	23°ダ49'52 25°ダ20'48 19°ダ21'05 17°ダ41'29 17°ダ37'01 17°ダ33'34 15°ダ53'06 10°ダ03'56 12°ダ12'11 24°ダ40'55 0° A 13° A37'03 0° M 0° 으 0° M 28° M 57'19 0°ズ 0° ズ 0° ズ	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist. superior conj minimum elong asc. node evening rise	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jun 15 j 03:58 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31 -5624 Aug 17 j 12:20	0° ₹ 0° 508'06 0° ₹ 26° ₹ 15'33 28° ₹ 34'17 28° ₹ 59'24 0° ₹ 29° ₹ 56'08 0° ₹ 12° ₹ 25'08 0° \$ 0° \$ 17° \$ 0 \$ 0° \$ 0° \$ 0° \$ 0° \$ 0° \$ 0° \$ 0	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31 -5621 Feb 03 j 08:33 -5621 Feb 28 j 10:26 -5621 Mar 25 j 07:36	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11 24°\$40'55 0°\$\Omega\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 28°\$\mathbb{n}.57'19 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist. superior conj minimum elong asc. node evening rise	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 03 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31 -5624 Aug 17 j 12:20 -5624 Aug 27 j 11:20 -5624 Sep 21 j 12:24 -5624 Oct 17 j 10:51	0° ₹ 0° 508'06 0° ₹ 26° ₹ 15'33 28° ₹ 34'17 28° ₹ 59'24 0° ₹ 29° ₹ 56'08 0° ₹ 12° ₹ 25'08 0° ₹ 0° ₹ 0° ₹ 17° ₹ 55'444 0° ₹ 10	-0°54'28	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el  desc. node	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31 -5621 Feb 03 j 08:33 -5621 Feb 28 j 10:26 -5621 Mar 25 j 07:36 -5621 Apr 18 j 23:39	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11 24°\$40'55 0°\$\Omega\$ 13°\$\Omega\$37'03 0°\$\mathbf{m}\$ 0°\$\mathbf{m}\$ 28°\$\mathbf{m}\$.57'19 0°\$\mathbf{s}\$ 0°\$\mathbf{m}\$ 0°\$\mathbf{s}\$ 0°\$\mathbf{s}\$ 0°\$\mathbf{s}\$	-8°55'54 8°55'27 0.26752 AU -4.9m
max. Earth dist.  superior conj minimum elong  asc. node  evening rise  desc. node	-5624 Jan 20 j 14:56 -5624 Feb 14 j 04:11 -5624 Feb 25 j 17:40 -5624 Mar 09 j 16:48 -5624 Mar 31 j 02:50 -5624 Apr 02 j 00:02 -5624 Apr 02 j 08:13 -5624 Apr 02 j 03:58 -5624 Apr 27 j 12:08 -5624 Apr 27 j 13:24 -5624 May 07 j 15:15 -5624 May 21 j 21:12 -5624 Jul 09 j 11:03 -5624 Aug 02 j 20:31 -5624 Aug 17 j 12:20 -5624 Aug 27 j 11:20 -5624 Sep 21 j 12:24	0° ♥ 0° ♥ 14° ♥ 08'06 0° № 26° № 15'33 28° № 34'17 28° № 59'24 0° ₩ 29° ₩ 56'08 0° ♥ 12° ♥ 25'08 0° ♥ 17° € 0° € 17° € 0° № 0° № 0° № 0° № 0° № 0° № 0° № 0	-0°54'28 0°54'22	greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy asc. node morning max el	-5622 Jul 24 j 16:03 -5622 Aug 02 j 16:53 -5622 Aug 20 j 16:17 -5622 Aug 23 j 10:51 -5622 Aug 23 j 13:48 -5622 Aug 23 j 16:05 -5622 Aug 26 j 11:13 -5622 Sep 12 j 21:33 -5622 Sep 23 j 12:57 -5622 Oct 13 j 08:16 -5622 Oct 19 j 12:32 -5622 Nov 02 j 14:58 -5622 Nov 18 j 00:26 -5622 Dec 14 j 11:25 -5621 Jan 09 j 01:51 -5621 Feb 02 j 11:31 -5621 Feb 03 j 08:33 -5621 Feb 28 j 10:26 -5621 Mar 25 j 07:36	23°\$49'52 25°\$20'48 19°\$21'05 17°\$41'29 17°\$37'01 17°\$33'34 15°\$53'06 10°\$03'56 12°\$12'11 24°\$40'55 0°\$\Omega\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 28°\$\mathbb{n}.57'19 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$ 0°\$\mathbb{n}\$	-8°55'54 8°55'27 0.26752 AU -4.9m

3	ical year style is used: Th		· ·	. //		, 1	<b>50</b> 37
asc. node	-5621 May 26 j 00:56	15° <b>Ƴ</b> 34'04	ii uoiroiioiiiiour ve	min. Earth dist.	-5619 Nov 05 j 11:33		0.26753 AU
max. Earth dist.	-5621 Jun 04 j 03:53		1.72608 AU	inferior conj	-5619 Nov 06 j 03:07	4° <b>£</b> 12'37	
	-5621 Jun 06 j 16:10	0°8		minimum elong	-5619 Nov 06 j 05:10	4° <b>£</b> 09'27	
		. •		asc. node	-5619 Nov 09 j 19:14	1° <b>≏</b> 58'04	
superior conj	-5621 Jun 08 j 14:20	2° <b>8</b> 23'28	0°31'05	morning rise	-5619 Nov 12 i 07:51	0° <b>£</b> 32′26	
minimum elong	-5621 Jun 08 j 08:29	2° <b>8</b> 05'17	0°30'58	Č	-5619 Nov 13 j 08:40	30°R, Mp	
-	-5621 Jun 30 j 17:44	$\Pi^{\circ}0$		direct	-5619 Nov 26 j 10:39	26° m/30'08	
evening rise	-5621 Jul 15 j 00:46	17° <b>Ⅱ</b> 53′28		greatest brilliancy	-5619 Dec 05 j 20:23	28° Mp 11'51	-4.9m
	-5621 Jul 24 j 16:43	$0$ $\circ$ $\odot$			-5619 Dec 10 j 05:43	0∘ <b>⊽</b>	
	-5621 Aug 17 j 15:22	$0^{\circ}\Omega$		morning max el	-5618 Jan 15 j 00:37	28° <b>ჲ</b> 03'03	46°14'20
	-5621 Sep 10 j 15:56	0° <b>m</b>			-5618 Jan 17 j 00:15	$0^{\circ}$ M	
desc. node	-5621 Sep 15 j 00:45	5° Mp 26'07			-5618 Feb 14 j 13:14	0°⊀	
	-5621 Oct 04 j 20:21	0∘ <b>⊽</b>		desc. node	-5618 Mar 01 j 23:23	17° <b>∡</b> 10′34	
	-5621 Oct 29 j 06:52	$0^{\circ}$ M			-5618 Mar 13 j 06:00	0°ප	
	-5621 Nov 23 j 04:00	0° <b>∡</b> ¹			-5618 Apr 08 j 01:47	0° <b>≈</b>	
	-5621 Dec 18 j 22:50	0°ಕ			-5618 May 03 j 07:30	0° <b>∀</b>	
asc. node	-5620 Jan 05 j 15:14	19° <b>る</b> 24'40			-5618 May 28 j 01:55	$0^{\circ}\Upsilon$	
	-5620 Jan 15 j 22:11	0° <b>≈</b>			-5618 Jun 21 j 10:47	$9^{\circ}$ 8	
evening max el	-5620 Jan 18 j 16:41	2° <b>≈</b> 43'56	45°27'23	asc. node	-5618 Jun 22 j 13:32	1° <b>8</b> 22'56	
	-5620 Feb 23 j 15:34	0° <b>∀</b>		morning set	-5618 Jul 10 j 18:55	24° <b>8</b> 05'50	
greatest brilliancy	-5620 Feb 25 j 14:39	0° <b>)</b> 46′53	-4.7m		-5618 Jul 15 j 12:01	$\Pi$ °0	
retrograde	-5620 Mar 07 j 08:13	2° <b>¥</b> 52′01			-5618 Aug 08 j 08:14	$0$ $\circ$ $\odot$	
	-5620 Mar 19 j 09:29	30° <b>R</b> ≈		max. Earth dist.	-5618 Aug 17 j 02:39	11° <b>©</b> 03'52	1.70959 AU
evening set	-5620 Mar 23 j 22:22	27° <b>≈</b> 37'01					
inferior conj	-5620 Mar 28 j 19:31		5°53'26	superior conj	-5618 Aug 18 j 01:36	12° <b>©</b> 16'16	
minimum elong	-5620 Mar 29 j 04:23	24° <b>≈</b> 24'12	5°51'30	minimum elong	-5618 Aug 18 j 02:06	12° <b>©</b> 17'52	1°23'59
min. Earth dist.	-5620 Mar 29 j 14:36	24° <b>≈</b> 08'09	0.29325 AU		-5618 Sep 01 j 02:33	$0$ $\circ$ $\Omega$	
morning rise	-5620 Apr 03 j 10:03	21° <b>≈</b> 12'55			-5618 Sep 24 j 21:47	0° <b>m</b> )	
direct	-5620 Apr 19 j 16:11	16° <b>≈</b> 10′17		evening rise	-5618 Sep 28 j 03:01	4° Mp 02′49	
desc. node	-5620 Apr 26 j 19:23	17° <b>≈</b> 06'30		desc. node	-5618 Oct 12 j 13:28	22° <b>m</b> 09'45	
greatest brilliancy	-5620 Apr 30 j 11:39	18°≈15'22	-4.7m		-5618 Oct 18 j 19:48	0∘ <b>⊽</b>	
	-5620 May 20 j 05:25	0° <b>)</b> {			-5618 Nov 11 j 21:35	0°M	
morning max el	-5620 Jun 07 j 23:01	16° <b>)</b> €29'29	46°05'52		-5618 Dec 06 j 04:12	0° <b>∡</b> 7	
	-5620 Jun 21 j 07:49	0° <b>Υ</b>			-5618 Dec 30 j 18:03	0°ප	
	-5620 Jul 18 j 11:04	0° <b>B</b>			-5617 Jan 24 j 20:20	0° <b>≈</b>	
1-	-5620 Aug 12 j 20:10	0°П 5°П 20122		asc. node	-5617 Feb 02 j 02:57	9°≈41'35	
asc. node	-5620 Aug 17 j 11:51	5° <b>Ⅱ</b> 38'23 0° <b>©</b>			-5617 Feb 19 j 20:54	0° <b>∀</b> 0° <b>Υ</b>	
	-5620 Sep 06 j 07:47 -5620 Sep 30 j 08:50			arranina marral	-5617 Mar 19 j 18:19 -5617 Mar 30 j 19:12		45907!21
		0° <b>Ω</b>		evening max el	-5617 Apr 22 j 18:04	10° <b>Y</b> 51'26 0° <b>と</b>	45 0/31
	-5620 Oct 24 j 06:42 -5620 Nov 17 j 06:01	0ം <del>ഗ</del> 0ംൂ്		greatest brilliancy	-5617 May 07 j 17:59	8° <b>8</b> 00'34	4.7m
dasa nada	-5620 Dec 07 j 12:54	0 <b>=</b> 25° <b>£</b> 15'27		-	• •	9° <b>8</b> 53'05	-4./111
desc. node	-5620 Dec 07 j 12.34 -5620 Dec 11 j 08:36	0°M		retrograde desc. node	-5617 May 18 j 01:22 -5617 May 25 j 06:25	8° <b>8</b> 53'01	
morning set	-5620 Dec 11 j 08:30	0°M27'27		evening set	-5617 Jun 01 j 20:35	5° <b>8</b> 46'13	
morning set	-5619 Jan 04 j 14:17	0° <b>⊼</b> ¹		inferior conj	-5617 Jun 08 j 05:46	2° <b>8</b> 04'30	3°14'08
	-3019 Jan 04 j 14.17	0 ^		minimum elong	-5617 Jun 07 j 22:54	2° <b>8</b> 14'57	
superior conj	-5619 Jan 21 j 03:50	20° <b>∡</b> ¹26'07	1018110	min. Earth dist.	-5617 Jun 08 j 17:29		0.27955 AU
minimum elong	-5619 Jan 20 j 21:42		1°18'33	mm. Larui uist.	-5617 Jun 11 j 16:35	1 040 42 30°RΥ	0.21333 AU
max. Earth dist.	-5619 Jan 23 j 05:11	20 × 07 13 22° × 58'08	1.73162 AU	morning rise	-5617 Jun 14 j 00:29	28° <b>Υ</b> 40'33	
max. Darui Uist.	-5619 Jan 28 j 22:12	0°る。	1.75102 AU	direct	-5617 Jun 29 j 16:14	26 1 40 33 24°Υ02'53	
	-5619 Feb 22 j 07:49	0°≈		greatest brilliancy	-5617 Jul 10 j 20:18	24 γ 02 33 26° <b>Υ</b> 18'41	-4.8m
evening rise	-5619 Feb 27 j 19:07	6° <b>≈</b> 42'49		greatest of finality	-5617 Jul 18 j 09:03	0°8	4.0111
greatest brilliancy	-5619 Mar 04 j 23:33	13° <b>≈</b> 04'17	-3 9m	morning max el	-5617 Aug 18 j 21:32	26° <b>8</b> 14'27	46°40'19
greatest orimaney	-5619 Mar 18 j 19:17	0° <b>\</b>	3.7111	morning max or	-5617 Aug 22 j 14:03	0°П	10 10 17
asc. node	-5619 Mar 30 j 01:31	13° <b>)</b> 45'43		asc. node	-5617 Sep 14 j 23:29	25° <b>∏</b> 35'51	
use. Hode	-5619 Apr 12 j 09:08	0° <b>Υ</b>		use. node	-5617 Sep 18 j 19:19	0°9	
	-5619 May 07 j 02:08	0°8			-5617 Oct 14 j 02:38	$0^{\circ}\Omega$	
	-5619 May 31 j 23:35	0°II			-5617 Nov 07 j 17:14	0° mp	
	-5619 Jun 26 j 04:31	0°©			-5617 Dec 02 j 03:19	0∘ <b>ত</b> من	
desc. node	-5619 Jul 20 j 02:31	27°950'14			-5617 Dec 26 j 13:59	0° <b>m</b> .	
	-5619 Jul 21 j 23:55	0°Ω		desc. node	-5616 Jan 05 j 01:26	11°M36'16	
	-5619 Aug 18 j 04:04	0° m)			-5616 Jan 20 j 02:17	0° <b>∡</b> 7	
evening max el	-5619 Aug 26 j 11:15	8° mp 34'35	47°38'14		-5616 Feb 13 j 15:16	∞ੰਤ	
	-5619 Sep 19 j 02:19	0∘ <b>⊽</b>	+	morning set	-5616 Feb 23 j 10:55	12° <b>පි</b> 00'31	
greatest brilliancy	-5619 Oct 06 j 13:06		-4.9m		-5616 Mar 09 j 03:41	0° <b>≈</b>	
retrograde	-5619 Oct 16 j 11:35	12° <b>♀</b> 11'01		max. Earth dist.	-5616 Mar 28 j 23:42		1.73732 AU
evening set	-5619 Oct 31 j 03:15	7° <b>≏</b> 48'34			- <b>,</b> - · · -		
J	<i>j</i>						

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 58 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	unting style is the year	5900 BCE in historical c	ounting style.	=
superior conj	-5616 Mar 30 j 19:18	26° <b>≈</b> 32'56	-0°56'41	morning rise	-5614 Aug 23 j 21:28	13° <b>©</b> 27'48	
minimum elong	-5616 Mar 31 j 03:33	26° <b>≈</b> 58'16	0°56'36	direct	-5614 Sep 10 j 10:22	7° <b>5</b> 34'41	
	-5616 Apr 02 j 14:45	0° <b>∀</b>		greatest brilliancy	-5614 Sep 21 j 02:39	9° <b>5</b> 44'04	-4.9m
asc. node	-5616 Apr 26 j 14:17	29° <b>)</b> 29′21		asc. node	-5614 Oct 12 j 10:28	23° <b>5</b> 28'51	
	-5616 Apr 27 j 00:14	$0^{\circ}$ Y			-5614 Oct 19 j 18:49	$0$ $^{\circ}$ $\Omega$	
evening rise	-5616 May 05 j 11:03	10° <b>Y</b> ′24'33		morning max el	-5614 Oct 31 j 04:49	11° <b>Ω</b> 10′19	46°47'20
	-5616 May 21 j 08:14	$9^{\circ}$ 8			-5614 Nov 17 j 19:06	0° <b>m</b> )	
	-5616 Jun 14 j 15:21	$\Pi$ $^{\circ}0$			-5614 Dec 14 j 02:36	0∘ <b>ত</b>	
	-5616 Jul 08 j 22:51	$0$ $\circ$ $\odot$			-5613 Jan 08 j 15:22	$0^{\circ}$ M	
	-5616 Aug 02 j 08:53	$0^{\circ}\Omega$		desc. node	-5613 Feb 01 j 13:46	28°M26'39	
desc. node	-5616 Aug 16 j 14:33	17° <b>Ω</b> 22'33			-5613 Feb 02 j 21:03	0° <b>∡</b> ¹	
	-5616 Aug 27 j 00:29	0° <b>m</b>			-5613 Feb 27 j 22:17	0°ರ	
	-5616 Sep 21 j 02:50	0∘ <b>⊽</b>			-5613 Mar 24 j 19:02	0° <b>≈</b>	
	-5616 Oct 17 j 03:53	0°M₊			-5613 Apr 18 j 10:50	0° <b>∀</b>	
evening max el	-5616 Nov 05 j 15:10	20°M54'09	46°59'04	morning set	-5613 May 01 j 12:30	16° <b>∺</b> 00'19	
	-5616 Nov 14 j 20:37	0° <b>∡</b> ¹			-5613 May 12 j 21:29	$0^{\circ}$ Y	
asc. node	-5616 Dec 07 j 06:14	17° <b>∡</b> 758'40		asc. node	-5613 May 25 j 03:01	15° <b>Y</b> ′06′22	
greatest brilliancy	-5616 Dec 15 j 08:59	22° <b>∡</b> ¹06'55	-4.8m	max. Earth dist.	-5613 Jun 02 j 00:37	24° <b>Ƴ</b> 53'52	1.72663 AU
retrograde	-5616 Dec 26 j 08:05	24° <b>₹</b> ¹23'42					
evening set	-5615 Jan 12 j 03:58	18° <b>∡</b> ¹47'09		superior conj	-5613 Jun 06 j 08:39	0° <b>8</b> 16'53	
min. Earth dist.	-5615 Jan 15 j 20:33	16° <b>∡</b> ¹27'46	0.28799 AU	minimum elong	-5613 Jun 06 j 03:18	0° <b>8</b> 00'15	0°28'04
inferior conj	-5615 Jan 16 j 14:14	15° <b>₹</b> 759'17	7°34'21		-5613 Jun 06 j 03:13	0°B	
minimum elong	-5615 Jan 16 j 07:34	16° <b>∡</b> 10′02	7°33'16		-5613 Jun 30 j 04:52	0°Щ	
morning rise	-5615 Jan 20 j 11:32	13° <b>∡</b> ³31'48		evening rise	-5613 Jul 12 j 17:07	15° <b>Ⅱ</b> 39'12	
direct	-5615 Feb 06 j 20:54	7° <b>∡</b> ¹42'26			-5613 Jul 24 j 04:02	0°®	
greatest brilliancy	-5615 Feb 15 j 18:39	9° <b>∡</b> ¹09'43	-4.7m		-5613 Aug 17 j 02:55	$0$ $^{\circ}$ $\Omega$	
	-5615 Mar 19 j 12:31	0°ਰ			-5613 Sep 10 j 03:48	0° <b>m</b> )	
morning max el	-5615 Mar 27 j 13:18	7° <b>る</b> 22'39	45°51'03	desc. node	-5613 Sep 14 j 02:54	4° <b>m</b> 55'43	
desc. node	-5615 Mar 29 j 10:34	9° <b>ට</b> 10'51			-5613 Oct 04 j 08:36	0∘ <b>⊽</b>	
	-5615 Apr 18 j 21:36	0° <b>≈</b>			-5613 Oct 28 j 19:39	0° <b>M</b> -	
	-5615 May 16 j 00:50	0° <b>)</b> €			-5613 Nov 22 j 17:41	0° <b>∡</b> ¹	
	-5615 Jun 10 j 18:43	0° <b>Υ</b>			-5613 Dec 18 j 14:28	0°る	
	-5615 Jul 05 j 16:12	0°8		asc. node	-5612 Jan 04 j 17:30	18° <b>る</b> 41'58	
asc. node	-5615 Jul 20 j 02:00	17° <b>8</b> 42'26			-5612 Jan 15 j 19:36	0° <b>≈</b>	
	-5615 Jul 29 j 23:40	0°II	• •	evening max el	-5612 Jan 16 j 08:52	0°≈32'31	
greatest brilliancy	-5615 Aug 12 j 11:07	16° <b>Ⅱ</b> 50'57	-3.9m	greatest brilliancy	-5612 Feb 23 j 06:31	28°≈38'26	-4./m
	-5615 Aug 22 j 22:07	0° <b>©</b>			-5612 Feb 27 j 18:23	0° <b>)</b> {	
	-5615 Sep 15 j 16:17	0°N		retrograde	-5612 Mar 05 j 01:30	0° <b>)</b> 44′38	
morning set	-5615 Sep 22 j 17:12	8° <b>Ω</b> 53'53			-5612 Mar 11 j 03:56		
	-5615 Oct 09 j 10:16	0° Mp		evening set	-5612 Mar 21 j 17:37	25°≈25'37	(00,(102
	-5615 Nov 02 j 06:48	0∘ <b>⊽</b>		inferior conj	-5612 Mar 26 j 12:20	22°≈29'45	6°06'02
	5615 N 02:14 54	10 0 4012 (	0012120	minimum elong	-5612 Mar 26 j 21:10	22°≈15'52	6°04'11
superior conj	-5615 Nov 03 j 14:54	1° <b>2</b> 40'36		min. Earth dist.	-5612 Mar 27 j 06:20	22°≈01'28	0.29352 AU
minimum elong	-5615 Nov 03 j 18:22	1° <b>♀</b> 51'27 0° <b>♀</b> 55'34	0°12'29	morning rise	-5612 Apr 01 j 00:29	19°≈07'57	
behind sun begin	-5615 Nov 03 j 00:32			direct	-5612 Apr 17 j 09:35	14°≈01'37	
behind sun end	-5615 Nov 04 j 12:12	2° <b>2</b> 47'18		desc. node	-5612 Apr 25 j 21:30	15°≈20'49	4.7
desc. node	-5615 Nov 09 j 02:13	8° <b>₤</b> 31'41 8° <b>₤</b> 44'29	1.71431 AU	greatest brilliancy	-5612 Apr 28 j 02:38 -5612 May 20 j 15:22	16°≈05'02 0° <b>)</b> €	-4.7m
max. Earth dist.	-5615 Nov 09 j 06:19		1./1431 AU	marning may al	• •		46°04'52
	-5615 Nov 26 j 06:57	0°M		morning max el	-5612 Jun 05 j 16:09	14° <b>¥</b> 20'45	46*04*32
evening rise	-5615 Dec 15 j 17:38 -5615 Dec 20 j 10:42	24° <b>IL</b> 09'47 0° <b>∡</b> 7			-5612 Jun 21 j 02:09 -5612 Jul 18 j 01:43	0ა <b>尺</b> 0ა <b>ሊ</b>	
	-				-	0°U	
	-5614 Jan 13 j 18:08	0° <b>そ</b>		asc. node	-5612 Aug 12 j 09:18	5° <b>耳</b> 05'51	
asa mada	-5614 Feb 07 j 06:21	0 ≈ 27°≈04'25		asc. node	-5612 Aug 16 j 14:07	0ஃ 2 <b>ப</b> 0221	
asc. node	-5614 Mar 01 j 15:11	27 <b>≈</b> 04 23 0° <b>∺</b>			-5612 Sep 05 j 20:09	0°€ 0°€	
	-5614 Mar 04 j 01:39	0° <b>Υ</b>			-5612 Sep 29 j 20:48		
	-5614 Mar 29 j 07:24				-5612 Oct 23 j 18:28	0° <b>m</b> )	
	-5614 Apr 24 j 04:50	0°B 8°0		desa nada	-5612 Nov 16 j 17:36	ე∘ <u>ი</u>	
ovenina mas1	-5614 May 21 j 06:03		46010124	desc. node	-5612 Dec 06 j 14:58	24° <b>£</b> 46'17	
evening max el	-5614 Jun 11 j 08:51	21° <b>II</b> 40'28	46°19'34	morning set	-5612 Dec 09 j 04:15	27° <b>£</b> 56'33	
dana mada	-5614 Jun 20 j 06:08	0°छ			-5612 Dec 10 j 20:02	0° <b>™</b> 0° <i>⊀</i> 7	
desc. node	-5614 Jun 21 j 17:23	1°9518'46	4.0m		-5611 Jan 04 j 01:35	υ <b>χ</b> .	
greatest brilliancy	-5614 Jul 22 j 02:55	21°920'43	-4.9m	aumani ·	5611 J 10:10.11	100.707147	101700
retrograde	-5614 Jul 31 j 04:53	22°952'40		superior conj	-5611 Jan 18 j 18:11	18° <b>×</b> 707'47	
evening set	-5614 Aug 18 j 04:30	16°952'20	0050101	minimum elong	-5611 Jan 18 j 11:23	17° 🗷 46'50	
inferior conj	-5614 Aug 20 j 23:02	15°513'03		max. Earth dist.	-5611 Jan 21 j 00:27		1.73117 AU
minimum elong	-5614 Aug 21 j 01:02	15°5010'02			-5611 Jan 28 j 09:24	5°0	
min. Earth dist.	-5614 Aug 21 j 04:13	13 2905 14	0.26790 AU		-5611 Feb 21 j 19:00	0° <b>≈</b>	

-			•		AG 18-Feb-2025 14 : 5900 BCE in historical c		ge 59
evening rise	-5611 Feb 25 j 12:24	4° <b>≈</b> 34'19	in astronomical ce	funding style is the year	-5609 Jul 19 j 16:52	0°B	
greatest brilliancy	-5611 Mar 03 j 16:09	12° <b>≈</b> 07'17	-3.9m	morning max el	-5609 Aug 16 j 10:39	23° <b>8</b> 49'40	46°39'25
	-5611 Mar 18 j 06:34	0° <b>∀</b>			-5609 Aug 22 j 11:04	$\Pi^{\circ}0$	
asc. node	-5611 Mar 29 j 03:36	13° <b>¥</b> 17'24		asc. node	-5609 Sep 14 j 01:34	24° <b>∏</b> 54'48	
	-5611 Apr 11 j 20:42	0° <b>Υ</b>			-5609 Sep 18 j 11:13	0°95	
	-5611 May 06 j 14:10	0° <b>B</b>			-5609 Oct 13 j 16:31	0° <b>N</b>	
	-5611 May 31 j 12:22 -5611 Jun 25 j 18:30	0° <b>©</b>			-5609 Nov 07 j 06:03 -5609 Dec 01 j 15:28	0ം <b>⊽</b> 0ംൂൂ	
desc. node	-5611 Jul 19 j 04:49	27°©11'23			-5609 Dec 26 j 01:42	0 <b>==</b> 0° <b>M</b> ₊	
desc. node	-5611 Jul 21 j 16:02	0°Ω		desc. node	-5608 Jan 04 j 03:41	11°ML07'43	
	-5611 Aug 18 j 01:05	0° <b>m</b> )			-5608 Jan 19 j 13:41	0° <b>∡</b> ¹	
evening max el	-5611 Aug 24 j 02:44	6° Mp 13′42	47°37'20		-5608 Feb 13 j 02:26	8°0	
	-5611 Sep 19 j 23:29	0∘ <b>⊽</b>		morning set	-5608 Feb 21 j 03:49	9° <b>る</b> 51'30	
greatest brilliancy	-5611 Oct 04 j 03:40	7° <b>≙</b> 50'01	-4.9m		-5608 Mar 08 j 14:42	0° <b>≈</b>	
retrograde	-5611 Oct 14 j 01:25	9° <b>Ω</b> 43'01		max. Earth dist.	-5608 Mar 26 j 19:08	22°≈17'56	1.73742 AU
evening set	-5611 Oct 28 j 18:00	5° <b>£</b> 19'40 2° <b>£</b> 08'41	0.26710 ATT	aumorior coni	5600 Mar 20: 14:12	24° <b>≈</b> 30'06	0050150
min. Earth dist.	-5611 Nov 03 j 01:38 -5611 Nov 03 j 16:24	2 <b>2</b> 08 41 1° <b>2</b> 45'42	0.26710 AU -1°18'57	superior conj minimum elong	-5608 Mar 28 j 14:12 -5608 Mar 28 j 22:31	24 ≈50 00 24°≈55'35	
minimum elong	-5611 Nov 03 j 10:24	1° <b>2</b> 41'13		minimum clong	-5608 Apr 02 j 01:42	0° <b>∺</b>	0 30 47
	-5611 Nov 06 j 13:12	30°R, M)		asc. node	-5608 Apr 25 j 16:19	29° <b>)</b> €01'50	
asc. node	-5611 Nov 08 j 21:19	28° m 38'22			-5608 Apr 26 j 11:13	$0^{\circ}$ Y	
morning rise	-5611 Nov 09 j 21:23	$28^{\circ}$ Mp $05'28$		evening rise	-5608 May 03 j 06:27	8° <b>Y</b> 22'27	
direct	-5611 Nov 24 j 00:10	24° Mp 04'23			-5608 May 20 j 19:24	$0^{\circ}$ 8	
greatest brilliancy	-5611 Dec 03 j 10:06	25° m/46'31	-4.9m		-5608 Jun 14 j 02:50	0°Щ	
	-5611 Dec 12 j 08:23	0° <b>⊽</b>	4.601.510.1		-5608 Jul 08 j 10:46	0°©	
morning max el	-5610 Jan 12 j 14:40	25° <b>Ω</b> 42'41 0° <b>M</b>	46°15′21	desc. node	-5608 Aug 01 j 21:22	0° <b>Ω</b> 16° <b>Ω</b> 49'38	
	-5610 Jan 16 j 22:32 -5610 Feb 14 j 05:24	0° <b>⊼</b> ¹		desc. node	-5608 Aug 15 j 16:39 -5608 Aug 26 j 13:47	0°M)	
desc. node	-5610 Mar 01 j 01:31	16° <b>∡</b> 735'14			-5608 Sep 20 j 17:27	0° <b>ت</b>	
	-5610 Mar 12 j 19:47	ලංප			-5608 Oct 16 j 21:15	0°M₊	
	-5610 Apr 07 j 14:21	0° <b>≈</b>		evening max el	-5608 Nov 03 j 05:38	18°M33'19	47°02'10
	-5610 May 02 j 19:22	0° <b>)</b> €			-5608 Nov 14 j 22:55	0° <b>∡</b> ¹	
	-5610 May 27 j 13:24	0° <b>Υ</b>		asc. node	-5608 Dec 06 j 08:29	16° <b>∡</b> ³35′02	
	-5610 Jun 20 j 22:04	0°8		greatest brilliancy	-5608 Dec 13 j 02:21	19° <b>∡</b> 754'31	-4.8m
asc. node	-5610 Jun 21 j 15:41 -5610 Jul 08 j 10:30	0° <b>8</b> 54'38 21° <b>8</b> 49'18		retrograde evening set	-5608 Dec 24 j 00:48 -5607 Jan 09 j 18:03	22° <b>х</b> 11′24 16° <b>х</b> 38′44	
morning set	-5610 Jul 14 j 23:15	0°Ⅱ		min. Earth dist.	-5607 Jan 13 j 12:22	10 <b>x</b> 38 44	0.28736 AU
	-5610 Aug 07 j 19:29	0°©		inferior conj	-5607 Jan 14 j 06:53	13° <b>×</b> 747'19	7°26'45
max. Earth dist.	-5610 Aug 14 j 05:08	8° <b>5</b> 04'39	1.70989 AU	minimum elong	-5607 Jan 13 j 23:44	13° <b>∡</b> ′58'49	
				morning rise	-5607 Jan 18 j 05:47	11° <b>∡</b> 17'29	
superior conj	-5610 Aug 15 j 14:36	9° <b>©</b> 50'18	1°23'39	direct	-5607 Feb 04 j 12:06	5° <b>∡</b> 31'19	
minimum elong	-5610 Aug 15 j 14:12	9° <b>5</b> 48'59	1°24'00	greatest brilliancy	-5607 Feb 13 j 10:15	6° <b>∡</b> 58'52	-4.7m
	-5610 Aug 31 j 13:52	0° <b>N</b>			-5607 Mar 19 j 14:27	0°る	4505111.4
evening rise	-5610 Sep 24 j 09:10 -5610 Sep 25 j 11:43	0°M) 1°M)23'29		morning max el desc. node	-5607 Mar 25 j 04:43 -5607 Mar 28 j 12:41	5°る11'32 8°る23'36	45°51'14
desc. node	-5610 Oct 11 j 15:30	21° m/40'19		desc. flode	-5607 Apr 18 j 14:15	0° <b>≈</b>	
dese. Hode	-5610 Oct 18 j 07:15	0° <b>ت</b>			-5607 May 15 j 14:39	0° <b>∀</b>	
	-5610 Nov 11 j 09:10	0°M			-5607 Jun 10 j 07:14	0°Υ	
	-5610 Dec 05 j 16:00	0° <b>∡</b> ¹			-5607 Jul 05 j 04:04	$0^{\circ}$ 8	
	-5610 Dec 30 j 06:18	0°ප		asc. node	-5607 Jul 19 j 04:14	17° <b>8</b> 13'24	
	-5609 Jan 24 j 09:26	0° <b>≈</b>			-5607 Jul 29 j 11:12	0°II	2.0
asc. node	-5609 Feb 01 j 05:10	9° <b>≈</b> 08'40		greatest brilliancy	-5607 Aug 14 j 20:30	20° <b>Ⅱ</b> 30'38	-3.9m
	-5609 Feb 19 j 11:51	0° <b>ℋ</b> 0° <b>Ƴ</b>			-5607 Aug 22 j 09:29	0。 <b>Ư</b> 0。ௐ	
evening max el	-5609 Mar 19 j 14:09 -5609 Mar 28 j 09:22	8° <b>Υ</b> 35'54	45°06'28	morning set	-5607 Sep 15 j 03:33 -5607 Sep 20 j 03:38	6° <b>Ω</b> 19'31	
evening max er	-5609 Apr 23 j 18:41	0° <b>8</b>	43 00 20	morning set	-5607 Oct 08 j 21:30	0° m)	
greatest brilliancy	-5609 May 05 j 08:09	5° <b>8</b> 45'13	-4.7m			1	
retrograde	-5609 May 15 j 14:53	7° <b>8</b> 37'35		superior conj	-5607 Oct 31 j 23:27	29° <b>m</b> 01'46	0°16'35
desc. node	-5609 May 24 j 08:31	6° <b>8</b> 09'32		minimum elong	-5607 Nov 01 j 03:58	29° <b>m</b> 15'58	0°16'25
evening set	-5609 May 30 j 10:01	3° <b>8</b> 31'26			-5607 Nov 01 j 18:01	0∘ <b>ত</b>	
inferior conj	-5609 Jun 05 j 20:13	29° <b>Y</b> '48'28		max. Earth dist.	-5607 Nov 06 j 10:57	5° <b>£</b> 53'46	1.71375 AU
minimum elong	-5609 Jun 05 j 13:59	29° <b>Y</b> ′57′57 30° <b>RY</b>	2~52'07	desc. node	-5607 Nov 08 j 04:18	8° <b>ჲ</b> 03'09	
min. Earth dist.	-5609 Jun 05 j 12:38 -5609 Jun 06 j 09:00	30° <b>γ</b> ′γ 29° <b>γ</b> ′29'01	0.28005 AU	evening rise	-5607 Nov 25 j 18:08 -5607 Dec 13 j 05:12	21°M42'21	
morning rise	-5609 Jun 11 j 17:06	26° <b>Υ</b> 21'05	0.20003 AU	evening rise	-5607 Dec 19 j 21:50	0° <b>%</b>	
direct	-5609 Jun 27 j 06:44	21° <b>Y</b> '45'39			-5606 Jan 13 j 05:17	0° <b>ප</b>	
greatest brilliancy	-5609 Jul 08 j 12:22	24° <b>Y</b> ′02'13	-4.8m		-5606 Feb 06 j 17:41	0° <b>≈</b>	

		-	n astronomical co	ounting style is the year	5900 BCE in historical c		
asc. node	-5606 Feb 28 j 17:15	26° <b>≈</b> 35'20 0° <b>米</b>			-5604 Oct 23 j 05:55	0 <b>்⊽</b> 0° <b>™</b>	
	-5606 Mar 03 j 13:27 -5606 Mar 28 j 20:06	0° <b>Υ</b>		desc. node	-5604 Nov 16 j 04:52 -5604 Dec 05 j 17:09	0° <u>≥</u> 24° <u>₽</u> 18'34	
	-5606 Apr 23 j 19:15	0°8		morning set	-5604 Dec 06 j 14:58	25° <b>£</b> 26'19	
	-5606 May 21 j 00:05	0°II		morning set	-5604 Dec 10 j 07:07	0°M	
evening max el	-5606 Jun 08 j 21:59	19° <b>Ⅱ</b> 18'06	46°16'14		-5603 Jan 03 j 12:31	0° <b>∡</b> 7	
<i>5</i>	-5606 Jun 20 j 11:59	0°ల			, , , , , , , , , , , , , ,		
desc. node	-5606 Jun 20 j 19:41	0°916'46		superior conj	-5603 Jan 16 j 08:27	15° <b>∡</b> ′50'14	-1°15'51
greatest brilliancy	-5606 Jul 19 j 13:11	18° <b>©</b> 51'15	-4.9m	minimum elong	-5603 Jan 16 j 01:01	15° <b>∡</b> ¹27'19	1°16'01
retrograde	-5606 Jul 28 j 17:13	20°524'38		max. Earth dist.	-5603 Jan 18 j 20:44	18° <b>₹</b> ′56′08	1.73068 AU
evening set	-5606 Aug 15 j 16:04	14°524'35			-5603 Jan 27 j 20:14	5°0	
inferior conj	-5606 Aug 18 j 11:03	12° <b>©</b> 44'44			-5603 Feb 21 j 05:48	0° <b>≈</b>	
minimum elong	-5606 Aug 18 j 12:04	12° <b>©</b> 43'12		evening rise	-5603 Feb 23 j 05:45	2° <b>≈</b> 27'09	
min. Earth dist.	-5606 Aug 18 j 15:48	12° <b>©</b> 37'35	0.26824 AU	greatest brilliancy	-5603 Mar 02 j 13:02	11° <b>≈</b> 24'37	-3.9m
morning rise	-5606 Aug 21 j 08:01	11° <b>©</b> 01'53		_	-5603 Mar 17 j 17:28	0° <b>∀</b>	
direct	-5606 Sep 07 j 23:32	5°505'52	4.0	asc. node	-5603 Mar 28 j 05:43	12° <b>)</b> 50′24	
greatest brilliancy	-5606 Sep 18 j 15:29	7°515'25	-4.9m		-5603 Apr 11 j 07:50	0° <b>Υ</b>	
asc. node	-5606 Oct 11 j 12:38	22°5519'16			-5603 May 06 j 01:47	0° <b>B</b>	
marning may al	-5606 Oct 19 j 22:55	0°Ω 8°Ω45'02	16017155		-5603 May 31 j 00:48	0°© ∏°0	
morning max el	-5606 Oct 28 j 18:57 -5606 Nov 17 j 13:04	8° <b>Ω</b> 45'03 0° <b>m</b>	46°47'55	desc. node	-5603 Jun 25 j 08:15 -5603 Jul 18 j 06:52	26° <b>©</b> 32'19	
	-5606 Dec 13 j 17:21	0∘ <b>ऌ</b> ० ॥५		desc. node	-5603 Jul 21 j 08:08	20 <b>3</b> 32 19 0° <b>Ω</b>	
	-5605 Jan 08 j 04:30	0° <b>™</b>			-5603 Aug 17 j 22:37	0° <b>m</b> )	
desc. node	-5605 Jan 31 j 15:50	27°M56'27		evening max el	-5603 Aug 21 j 17:18	3° Mp 50'55	47°36'02
dese. Hode	-5605 Feb 02 j 09:12	0° <b>∡¹</b>		evening max er	-5603 Sep 21 j 04:15	0ಂ <b>ರ</b> ಎ.ಋನಿನಿನಿನಿನಿ	17 30 02
	-5605 Feb 27 j 09:47	0°ਰ		greatest brilliancy	-5603 Oct 01 j 18:37	ა — 5° <b>ჲ</b> 23'37	-4.9m
	-5605 Mar 24 j 06:06	0° <b>≈</b>		retrograde	-5603 Oct 11 j 14:34	7° <b>£</b> 14'35	,
	-5605 Apr 17 j 21:41	0° <b>\</b>		evening set	-5603 Oct 26 j 08:41	2° <b>♀</b> 50'19	
morning set	-5605 Apr 29 j 07:49	13° <b>¥</b> 59'12		Ü	-5603 Oct 31 j 02:53	30°R, Mp	
-	-5605 May 12 j 08:16	$0^{\circ}\mathbf{\Upsilon}$		min. Earth dist.	-5603 Oct 31 j 15:51	29° <b>m</b> 39'49	0.26666 AU
asc. node	-5605 May 24 j 05:11	14° <b>Ƴ</b> 39'47		inferior conj	-5603 Nov 01 j 05:26	29° <b>m</b> 18'41	-1°42'20
max. Earth dist.	-5605 May 30 j 19:59	22° <b>Y</b> 51'31	1.72723 AU	minimum elong	-5603 Nov 01 j 09:09	29° <b>m</b> 12'54	1°41'08
				morning rise	-5603 Nov 07 j 10:22	25° <b>m</b> 38'29	
superior conj	-5605 Jun 04 j 02:56	28° <b>Ƴ</b> 10′59	0°25'12	asc. node	-5603 Nov 07 j 23:33	25° Mp 21'06	
minimum elong	-5605 Jun 03 j 22:07	27° <b>Y</b> 56′00	0°25'07	direct	-5603 Nov 21 j 12:51	21° <b>m</b> 38'29	
	-5605 Jun 05 j 14:03	0° <b>8</b>		greatest brilliancy	-5603 Nov 30 j 23:59	23° <b>m</b> 21'25	-4.9m
	-5605 Jun 29 j 15:48	0°II			-5603 Dec 13 j 17:54	0∘ <b>⊽</b>	
evening rise	-5605 Jul 10 j 09:19	13° <b>Ⅱ</b> 25'08		morning max el	-5602 Jan 10 j 03:34	23° <b>♀</b> 20'05	46°16'35
	-5605 Jul 23 j 15:09	0° <b>©</b>			-5602 Jan 16 j 19:40	0° <b>M</b> ○0. <b>7</b>	
	-5605 Aug 16 j 14:17	0° <b>N</b>		1 1	-5602 Feb 13 j 20:57	0° <b>∡</b> ¹	
4 4-	-5605 Sep 09 j 15:27	0°M)		desc. node	-5602 Feb 28 j 03:33	16° <b>∡</b> 700'58	
desc. node	-5605 Sep 13 j 04:54	4° <b>m</b> 25'38 0° <b>ഫ</b>			-5602 Mar 12 j 09:03 -5602 Apr 07 j 02:27	ರ°0 ⊗≈	
	-5605 Oct 03 j 20:37 -5605 Oct 28 j 08:11	0° <b>M</b> ₊			-5602 Apr 07 j 02.27 -5602 May 02 j 06:48	0 <b>≈</b> 0° <b>∺</b>	
	-5605 Nov 22 j 07:09	0° <b>⊼</b>			-5602 May 27 j 00:27	0° <b>Υ</b>	
	-5605 Dec 18 j 05:59	0°ਤ ਹ ×			-5602 Jun 20 j 08:56	0°8	
asc. node	-5604 Jan 03 j 19:44	00 17° <b>る</b> 59'46		asc. node	-5602 Jun 20 j 17:55	0° <b>8</b> 27'49	
evening max el	-5604 Jan 14 j 01:25	28°る23'02	45°32'20	morning set	-5602 Jul 06 j 02:33	19° <b>8</b> 35'34	
o voning man or	-5604 Jan 15 j 17:19	0°≈	.5 5220	morning sec	-5602 Jul 14 j 10:05	0°Ⅱ	
greatest brilliancy	-5604 Feb 20 j 23:18	26° <b>≈</b> 32'40	-4.7m		-5602 Aug 07 j 06:25	0° <b>©</b>	
retrograde	-5604 Mar 02 j 18:48	28° <b>≈</b> 39'04		max. Earth dist.	-5602 Aug 11 j 10:22		1.71034 AU
evening set	-5604 Mar 19 j 13:06	23° <b>≈</b> 16′25			<i>C</i> 3		
inferior conj	-5604 Mar 24 j 05:27	20° <b>≈</b> 23'27	6°17'58	superior conj	-5602 Aug 13 j 03:55	7°526'20	1°23'29
minimum elong	-5604 Mar 24 j 14:09	20° <b>≈</b> 09'43	6°16'13	minimum elong	-5602 Aug 13 j 02:38	7° <b>©</b> 22'16	1°23'50
min. Earth dist.	-5604 Mar 24 j 22:18	19° <b>≈</b> 56'53	0.29375 AU	-	-5602 Aug 31 j 00:55	$0^{\circ}\Omega$	
	-5604 Mar 29 j 15:04	17° <b>≈</b> 04'59		evening rise	-5602 Sep 22 j 20:21	28° <b>Ω</b> 44'38	
morning rise		11° <b>≈</b> 55'16			-5602 Sep 23 j 20:20	0° <b>m</b> )	
=	-5604 Apr 15 j 03:11	11 . 0 . 0 . 1 . 0		desc. node	-5602 Oct 10 j 17:38	21° Mp 11'45	
direct	-5604 Apr 15 j 03:11 -5604 Apr 24 j 23:37	13° <b>≈</b> 40'39		desc. Hode	-3002 Oct 10 j 17.38		
direct desc. node		13°≈40'39 13°≈56'21	-4.7m	dese. Hode	-5602 Oct 17 j 18:32	0० <b>⊽</b>	
direct desc. node	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59	13°≈40'39 13°≈56'21 0°¥		desc. Houc	-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34	0° <b>™</b>	
direct desc. node greatest brilliancy	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38	13°≈40'39 13°≈56'21 0°¥ 12°¥11'51	-4.7m 46°03'39	desc. node	-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37	0°ൂ 0°™ 0°⊶	
direct desc. node greatest brilliancy	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38 -5604 Jun 20 j 19:38	13°≈40'39 13°≈56'21 0°₩ 12°₩11'51 0°Υ		desc. Hode	-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37 -5602 Dec 29 j 18:20	ე∘გ 0°% 0°°£	
direct desc. node greatest brilliancy	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38 -5604 Jun 20 j 19:38 -5604 Jul 17 j 15:54	13°≈40'39 13°≈56'21 0°₩ 12°₩11'51 0°Ψ 0°₩		desc. node	-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37 -5602 Dec 29 j 18:20 -5601 Jan 23 j 22:20	0° <b>™</b> 0° <b>४</b> 0° <b>ऽ</b> 0° <b>≈</b>	
direct desc. node greatest brilliancy morning max el	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38 -5604 Jun 20 j 19:38 -5604 Jul 17 j 15:54 -5604 Aug 11 j 22:05	13°≈40'39 13°≈56'21 0°¥ 12°¥11'51 0°Y 0°B 0°I		asc. node	-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37 -5602 Dec 29 j 18:20 -5601 Jan 23 j 22:20 -5601 Jan 31 j 07:13	0°™ 0°™ 0°≈ 8°≈36'00	
morning rise direct desc. node greatest brilliancy morning max el asc. node	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38 -5604 Jun 20 j 19:38 -5604 Jul 17 j 15:54 -5604 Aug 11 j 22:05 -5604 Aug 15 j 16:08	13°≈40'39 13°≈56'21 0°₩ 12°₩11'51 0°Ψ 0°₩ 0°Ⅲ 4°Ⅲ33'27			-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37 -5602 Dec 29 j 18:20 -5601 Jan 23 j 22:20 -5601 Jan 31 j 07:13 -5601 Feb 19 j 02:40	0°™ 0°™ 0°≈ 8°≈36'00 0°भ	
direct desc. node greatest brilliancy morning max el	-5604 Apr 24 j 23:37 -5604 Apr 25 j 17:27 -5604 May 20 j 21:59 -5604 Jun 03 j 08:38 -5604 Jun 20 j 19:38 -5604 Jul 17 j 15:54 -5604 Aug 11 j 22:05	13°≈40'39 13°≈56'21 0°¥ 12°¥11'51 0°Y 0°B 0°I			-5602 Oct 17 j 18:32 -5602 Nov 10 j 20:34 -5602 Dec 05 j 03:37 -5602 Dec 29 j 18:20 -5601 Jan 23 j 22:20 -5601 Jan 31 j 07:13	0°™ 0°™ 0°≈ 8°≈36'00	

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5601 Apr 25 i 03:51 0°8 -5599 Oct 08 j 08:37 0° m greatest brilliancy -5601 May 02 j 22:17 3°**8**31'40 -4.7m -5601 May 13 j 05:09 5°**8**24'36 -5599 Oct 29 j 08:13  $26^{\circ}$  Mg 23'52  $0^{\circ}20'29$ retrograde superior conj -5601 May 23 j 10:46 0°20'16 3°823'44 -5599 Oct 29 j 13:46 26° Mp 41'16 desc. node minimum elong -5601 May 27 j 23:59 -5599 Nov 01 j 05:08 evening set 1°**8**18'34 0∘ಹ -5601 May 30 j 09:20 30°R℃ max. Earth dist. -5599 Nov 03 j 18:02 3°**♀**10'50 1.71329 AU 27°**Y**'34'44 -2°33'56 -5601 Jun 03 j 11:01 inferior conj desc. node -5599 Nov 07 j 06:30 7°**-**235'15 27°**Ƴ**43'12 0°M minimum elong -5601 Jun 03 j 05:26 2°32'12 -5599 Nov 25 j 05:16 27°**Y**13'50 min. Earth dist. -5601 Jun 04 j 00:45 0.28054 AU evening rise -5599 Dec 10 j 16:32 19°M14'06 morning rise -5601 Jun 09 j 09:58 24°\bar{Y}04'23 -5599 Dec 19 j 08:59 0°×7 19°**Y**30'38 direct -5601 Jun 24 j 21:32 -5598 Jan 12 j 16:30 0°정 21°**Y**48'21 greatest brilliancy -5601 Jul 06 j 04:48 -4.8m -5598 Feb 06 j 05:07 0°≈ -5601 Jul 20 j 14:56 0°8 asc. node -5598 Feb 27 j 19:23 26°≈06'13 morning max el -5601 Aug 14 j 00:49 21°**8**29'08 46°38'24 -5598 Mar 03 j 01:22 0°**)**€ -5601 Aug 22 j 06:56  $0^{\circ}II$ -5598 Mar 28 j 08:56  $0^{\circ}\Upsilon$ asc. node -5601 Sep 13 j 03:46 24°**Ⅲ**15'37 -5598 Apr 23 j 09:52 0°8 -5601 Sep 18 j 02:32 0ಂತಾ -5598 May 20 j 18:34  $0^{\circ}\Pi$ -5601 Oct 13 j 06:02  $0^{\circ}\Omega$ evening max el -5598 Jun 06 j 12:02 16°**I**58'05 46°12'57 -5601 Nov 06 j 18:39 0° m desc. node -5598 Jun 19 j 21:47 29°**Ⅱ**12'49 -5601 Dec 01 j 03:29 0∘**ত** -5598 Jun 20 j 20:05 -5601 Dec 25 j 13:17  $0^{\circ}M$ greatest brilliancy -5598 Jul 16 j 23:31 16°9522'25 -4.9m desc. node -5600 Jan 03 i 05:44 10°M38'58 -5598 Jul 26 i 05:43 17°956'57 retrograde -5600 Jan 19 i 00:55 0°×7 evening set -5598 Aug 13 i 03:16 11°958'15 -5600 Feb 12 j 13:24 0°정 -5598 Aug 15 j 23:11 10°516'57 -8°59'18 inferior coni -5600 Feb 18 j 20:18 7°₹41'44 -5598 Aug 15 j 23:14 10°9516'52 8°58'58 morning set minimum elong -5598 Aug 16 j 03:25 -5600 Mar 08 j 01:29 0°≈≈ min. Earth dist. 10°910'35 0.26855 AU 20°≈21'06 1.73749 AU -5598 Aug 18 j 19:10 max Earth dist -5600 Mar 24 j 15:46 8°935'35 morning rise -5598 Sep 05 j 12:58 2°937'51 direct greatest brilliancy -5598 Sep 16 j 03:53 superior conj -5600 Mar 26 j 09:01 22°\27'39 -1°00'56 4°9546'37 -4 9m -5600 Mar 26 j 17:20 -5598 Oct 10 j 14:49 22°≈53'10 1°00'53 21°9511'54 minimum elong asc. node -5598 Oct 20 j 01:20 -5600 Apr 01 j 12:26 0°**∀** 0 $^{\circ}\Omega$ 6°Ω19'25 46°48'27 -5600 Apr 24 j 18:33 28°**H**35'29 morning max el -5598 Oct 26 j 08:52 asc. node  $0^{\circ}\Upsilon$ -5600 Apr 25 j 22:01 -5598 Nov 17 j 06:36 0° m 6°Y21'42 -5600 May 01 j 02:03 -5598 Dec 13 j 07:56 evening rise 0∘ଫ -5600 May 20 j 06:23 0°8 -5597 Jan 07 j 17:37 0°M  $0^{\circ}\Pi$ 27°M25'49 -5600 Jun 13 j 14:06 desc. node -5597 Jan 30 j 17:52 -5600 Jul 07 j 22:27 000 -5597 Feb 01 j 21:26 0° ×7 -5600 Aug 01 j 09:37  $0^{\circ}\Omega$ -5597 Feb 26 j 21:26 0°ರ desc. node -5600 Aug 14 j 18:43 16°**Ω**17'22 -5597 Mar 23 j 17:22 0°≈ -5600 Aug 26 j 02:54 0° m -5597 Apr 17 j 08:43 0°**)**€ -5600 Sep 20 j 08:01 0∘**⊽** -5597 Apr 27 j 02:55 11° # 56'59 morning set -5600 Oct 16 j 14:51 -5597 May 11 j 19:12  $0^{\circ}\Upsilon$ 0°M -5600 Oct 31 j 20:42 16°M14'04 47°04'58 -5597 May 23 j 07:20 14° Y 12'39 evening max el asc. node -5600 Nov 15 j 02:53 -5597 May 28 j 14:07  $20^{\circ}$ Y45'081.72778 AU 0°×7 max. Earth dist. 15°**∡**¹07'57 -5600 Dec 05 j 10:42 asc. node greatest brilliancy -5600 Dec 10 j 19:01 17°**∡**'40'21 -4.8m superior conj -5597 Jun 01 i 21:11 26°**Y**'04'39 0°22'13 retrograde -5600 Dec 21 i 17:39 19°**∡** 57'54 minimum elong -5597 Jun 01 j 16:53 25°**Y**51′21 0°22'08 evening set -5599 Jan 07 i 07:43 14°**∡** 29'06 -5597 Jun 05 i 01:00 0°8 min. Earth dist. -5599 Jan 11 i 03:40 12°**₹**05'22 0.28671 AU -5597 Jun 29 i 02:53  $0^{\circ}II$ -5599 Jan 11 j 23:10 11°**∡**734′03 7°18′19 -5597 Jul 08 i 01:42 11°**I**I1'21 inferior conj evening rise -5599 Jan 11 j 15:37 11°**∡**<sup>7</sup>46′12 7°16′58 -5597 Jul 23 j 02:25 0ಂತಾ minimum elong -5599 Jan 15 j 23:54 9°**×**101'46 -5597 Aug 16 j 01:48  $0^{\circ}\Omega$ morning rise -5599 Feb 02 j 03:14 3°**∡**18'57 -5597 Sep 09 j 03:16 direct O° m 4°**∡**¹46'34 -4.7m -5597 Sep 12 j 07:06 greatest brilliancy -5599 Feb 11 j 01:09 3° m 55'39 desc. node -5599 Mar 19 j 15:07 0°정 -5597 Oct 03 j 08:47 0∘∙თ morning max el -5599 Mar 22 j 20:43 3°る01'51 45°51'35 -5597 Oct 27 j 20:51 0°M -5599 Mar 27 j 14:53 7°る37'22 -5597 Nov 21 j 20:48 0°×7 desc. node -5599 Apr 18 j 06:31 0°≈ -5597 Dec 17 j 21:51 0°ರ -5599 May 15 j 04:12 0°**)**€ 17°る15'57 asc. node -5596 Jan 02 j 21:46 -5599 Jun 09 j 19:34  $0^{\circ}\Upsilon$ -5596 Jan 11 j 17:27 evening max el 26°る11'26 45°34'39 -5599 Jul 04 j 15:46 0°8 -5596 Jan 15 j 16:11 0°≈ -5599 Jul 18 j 06:13 16°**8**43'58 greatest brilliancy -5596 Feb 18 j 16:32 24°**≈**26′13 -4.7m asc. node -5599 Jul 28 j 22:35  $\Pi$ °0 retrograde -5596 Feb 29 j 11:31 26°≈32'09 greatest brilliancy -5599 Aug 16 j 10:18 23°**I**109'35 -3.9m evening set -5596 Mar 17 j 08:28 21°≈05'58 -5599 Aug 21 j 20:42 0 $\circ$  $\odot$ inferior conj -5596 Mar 21 j 22:29 18°≈15'58 6°29'31  $0^{\circ}\Omega$ 18°**≈**02'27 -5599 Sep 14 j 14:42 minimum elong -5596 Mar 22 j 07:01 6°27'50 -5599 Sep 17 j 14:49 3°**Ω**47'56 min. Earth dist. -5596 Mar 22 j 14:31 morning set 17°≈50'36 0.29397 AU Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 62 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi	cal year style is used: Th	e year -5899 i	n astronomical cou	nting style is the year	5900 BCE in historical co	ounting style.	
morning rise	-5596 Mar 27 j 05:28	15° <b>≈</b> 00'47		evening rise	-5594 Sep 20 j 05:10	26° <b>Ω</b> 05′26	
direct	-5596 Apr 12 j 20:18	9° <b>≈</b> 47'40			-5594 Sep 23 j 07:47	0° <b>m</b>	
greatest brilliancy	-5596 Apr 23 j 08:31	11° <b>≈</b> 46′38	-4.7m	desc. node	-5594 Oct 09 j 19:47	20° <b>m</b> 42'19	
desc. node	-5596 Apr 24 j 01:51	12° <b>≈</b> 02'42			-5594 Oct 17 j 06:06	0∘ <b>⊽</b>	
	-5596 May 21 j 03:03	0° <b>∀</b>			-5594 Nov 10 j 08:18	$0^{\circ}$ M	
morning max el	-5596 Jun 01 j 00:14	9° <b>¥</b> 59'50	46°02'35		-5594 Dec 04 j 15:35	0° <b>∡</b> ¹	
	-5596 Jun 20 j 13:05	$0^{\circ}$ Y			-5594 Dec 29 j 06:43	0°₹	
	-5596 Jul 17 j 06:12	$9^{\circ}$ 8			-5593 Jan 23 j 11:36	0° <b>≈</b>	
	-5596 Aug 11 j 11:01	$\Pi$ $^{\circ}$ 0		asc. node	-5593 Jan 30 j 09:27	8° <b>≈</b> 02'46	
asc. node	-5596 Aug 14 j 18:21	4° <b>Ⅱ</b> 01'09			-5593 Feb 18 j 17:59	0° <b>∀</b>	
	-5596 Sep 04 j 20:31	0°©			-5593 Mar 19 j 07:13	$0^{\circ}\mathbf{\Upsilon}$	
	-5596 Sep 28 j 20:25	$0^{\circ}\Omega$		evening max el	-5593 Mar 23 j 13:50	4° <b>Y</b> 06'56	45°04'58
	-5596 Oct 22 j 17:35	0° m/y		Č	-5593 Apr 27 j 06:51	0°8	
	-5596 Nov 15 j 16:20	0∘ <u>⊽</u>		greatest brilliancy	-5593 Apr 30 j 11:38	1° <b>8</b> 16'08	-4.7m
morning set	-5596 Dec 04 j 01:50	22° <b>£</b> 55'47		retrograde	-5593 May 10 j 19:43	3° <b>8</b> 10'18	
desc. node	-5596 Dec 04 j 19:12	23° <b>£</b> 49'46		desc. node	-5593 May 22 j 12:52	0° <b>8</b> 32'05	
desc. node	-5596 Dec 09 j 18:24	0°ML		dese. Hode	-5593 May 23 j 17:03	30°RΥ	
	-5595 Jan 02 j 23:39	0° <b>⊼</b> ″		evening set	-5593 May 25 j 14:01	29° <b>Υ</b> '03'59	
	-3373 Jan 02 j 23.37	V ^		inferior conj	-5593 Jun 01 j 01:39	25° <b>Υ</b> 19'24	-2°13'27
superior conj	-5595 Jan 13 j 22:45	13° <b>∡</b> ³32'05	1014'24	minimum elong	-5593 May 31 j 20:47	25° <b>Υ</b> 26'49	
minimum elong	-5595 Jan 13 j 14:43	13° <b>×</b> 32'03'		min. Earth dist.	-5593 Jun 01 j 16:08		0.28109 AU
•	v						0.28109 AU
max. Earth dist.	-5595 Jan 16 j 17:09		1.73019 AU	morning rise	-5593 Jun 07 j 02:36	21°Υ46'25	
	-5595 Jan 27 j 07:17	0°る		direct	-5593 Jun 22 j 12:42	17°Υ13'58	4.0
evening rise	-5595 Feb 20 j 22:59	0°≈18'43		greatest brilliancy	-5593 Jul 03 j 20:57	19° <b>Ƴ</b> 32'47	-4.8m
	-5595 Feb 20 j 16:53	0° <b>≈</b>	• •		-5593 Jul 21 j 08:05	0°8	
greatest brilliancy	-5595 Mar 01 j 09:27	10°≈39'38	-3.9m	morning max el	-5593 Aug 11 j 15:58	19° <b>8</b> 09'52	46°37'27
	-5595 Mar 17 j 04:41	0° <b>∀</b>			-5593 Aug 22 j 02:45	$0$ ° $\Pi$	
asc. node	-5595 Mar 27 j 07:56	12° <b>¥</b> 22'37		asc. node	-5593 Sep 12 j 06:01	23° <b>Ⅱ</b> 35'45	
	-5595 Apr 10 j 19:21	$0$ ° $\mathbf{\Upsilon}$			-5593 Sep 17 j 18:03	$0$ $\circ$ $\odot$	
	-5595 May 05 j 13:48	$_{0\circ}$ 8			-5593 Oct 12 j 19:48	$0$ $^{\circ}\Omega$	
	-5595 May 30 j 13:39	$\Pi$ $^{\circ}$ 0			-5593 Nov 06 j 07:28	0° <b>m</b>	
	-5595 Jun 24 j 22:29	$0$ $\circ$ $\odot$			-5593 Nov 30 j 15:43	0∘ <b>⊽</b>	
desc. node	-5595 Jul 17 j 08:57	25° <b>©</b> 52'03			-5593 Dec 25 j 01:07	0°M	
	-5595 Jul 21 j 00:50	$0^{\circ}\Omega$		desc. node	-5592 Jan 02 j 07:46	10°M09'18	
	-5595 Aug 17 j 21:19	0° <b>m</b> )			-5592 Jan 18 j 12:26	0° <b>∡</b> ¹	
evening max el	-5595 Aug 19 j 06:40	1°Mp24'16	47°34'41		-5592 Feb 12 j 00:40	8°0	
	-5595 Sep 22 j 22:08	0∘ <b>⊽</b>		morning set	-5592 Feb 16 j 12:46	5° <b>る</b> 30'54	
greatest brilliancy	-5595 Sep 29 j 09:58	2° <b>≏</b> 56'39	-4.9m		-5592 Mar 07 j 12:33	0° <b>≈</b>	
retrograde	-5595 Oct 09 j 03:17	4° <b>£</b> 45'12		max. Earth dist.	-5592 Mar 22 j 14:08	18° <b>≈</b> 28'39	1.73754 AU
evening set	-5595 Oct 23 j 23:28	0° <b>ჲ</b> 19'30			v		
C	-5595 Oct 24 j 13:20	30°R, Mp		superior conj	-5592 Mar 24 j 03:55	20° <b>≈</b> 24'34	-1°02'56
inferior conj	-5595 Oct 29 j 18:25	26° m 50'42	-2°05'43	minimum elong	-5592 Mar 24 j 12:12	20° <b>≈</b> 49'57	
minimum elong	-5595 Oct 29 j 22:58	26° mp 43'38			-5592 Mar 31 j 23:25	0° <b>)</b>	
min. Earth dist.	-5595 Oct 29 j 06:21	27° m, 09'29		asc. node	-5592 Apr 23 j 20:39	28° <b>)</b> €07'56	
morning rise	-5595 Nov 04 j 23:05	23° m 10'44			-5592 Apr 25 j 09:05	0°Υ	
asc. node	-5595 Nov 07 j 01:47	22° Mp 06'42		evening rise	-5592 Apr 28 j 21:47	4° <b>Υ</b> 20'36	
direct	-5595 Nov 19 j 00:58	19° <b>m</b> ) 11'16		evening rise	-5592 May 19 j 17:40	0°8	
greatest brilliancy	-5595 Nov 28 j 14:22	20° <b>m</b> 55'45	-4 9m		-5592 Jun 13 j 01:44	0°II	
greatest orimaney	-5595 Dec 14 j 18:24	ე∘ <b>ი</b>	- <del>1</del> .7III		-5592 Jul 07 j 10:32	0°©	
morning may al	v	20° <b>₽</b> 55'38	46017!50			0°Ω	
morning max el	-5594 Jan 07 j 16:11		46°17'59	JJ.	-5592 Jul 31 j 22:19		
	-5594 Jan 16 j 16:25	0°M₊		desc. node	-5592 Aug 13 j 20:55	15° <b>Ω</b> 44'11	
	-5594 Feb 13 j 12:32	0° <b>∡</b> ¹			-5592 Aug 25 j 16:29	0° m/	
desc. node	-5594 Feb 27 j 05:49	15° <b>∡</b> 726'50			-5592 Sep 19 j 23:06	0∘ <b>⊽</b>	
	-5594 Mar 11 j 22:31	0° <b>ප</b>			-5592 Oct 16 j 09:10	0°M	400000
	-5594 Apr 06 j 14:49	0° <b>≈</b>		evening max el	-5592 Oct 29 j 12:39	13°M56'15	47°07'56
	-5594 May 01 j 18:33	0° <b>∀</b>			-5592 Nov 15 j 09:05	0° <b>∡</b> 7	
_	-5594 May 26 j 11:52	0° <b>Υ</b>		asc. node	-5592 Dec 04 j 12:46	13° <b>∡</b> ³37′07	
asc. node	-5594 Jun 19 j 19:56	29° <b>Y</b> 59'11		greatest brilliancy	-5592 Dec 08 j 11:25	15° <b>≯</b> 25′06	-4.8m
	-5594 Jun 19 j 20:12	0° <b>8</b>		retrograde	-5592 Dec 19 j 10:56	17° <b>∡</b> ¹43'32	
morning set	-5594 Jul 03 j 18:30	17° <b>8</b> 20'21		evening set	-5591 Jan 04 j 21:24	12° <b>∡</b> 18'40	
	-5594 Jul 13 j 21:18	$\Pi$ $^{\circ}$ 0		min. Earth dist.	-5591 Jan 08 j 18:44	9° <b>∡</b> 53'05	0.28602 AU
	-5594 Aug 06 j 17:40	0ಂತಾ		inferior conj	-5591 Jan 09 j 15:28	9° <b>∡</b> 19'52	7°09'07
max. Earth dist.	-5594 Aug 08 j 18:39	2° <b>5</b> 34'28	1.71075 AU	minimum elong	-5591 Jan 09 j 07:32	9° <b>∡</b> ³32'34	7°07'39
				morning rise	-5591 Jan 13 j 18:10	6° <b>∡</b> ¹44'58	
superior conj	-5594 Aug 10 j 17:12	5° <b>5</b> 01'15		direct	-5591 Jan 30 j 18:50	1° <b>∡</b> ¹05'49	
minimum elong	-5594 Aug 10 j 15:03	4° <b>9</b> 54'27	1°23'30	greatest brilliancy	-5591 Feb 08 j 15:36	2° <b>∡</b> ³33′00	-4.7m
	-5594 Aug 30 j 12:16	$0^{\circ}\Omega$			-5591 Mar 19 j 14:56	0° <b>ට</b>	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 63 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	_
morning max el	-5591 Mar 20 j 13:24	0° <b>る</b> 53'10	45°51'57		-5589 Oct 27 j 09:39	$0^{\circ}$ M	
desc. node	-5591 Mar 26 j 17:02	6° <b>る</b> 51'06			-5589 Nov 21 j 10:38	0° <b>∡</b> ¹	
	-5591 Apr 17 j 22:44	0° <b>≈</b>			-5589 Dec 17 j 14:02	0°ප	
	-5591 May 14 j 17:51	0° <b>)</b> €		asc. node	-5588 Jan 02 j 00:03	16° <b>る</b> 32'12	
	-5591 Jun 09 j 08:03	$0^{\circ}$ Y		evening max el	-5588 Jan 09 j 08:38	23° <b>る</b> 57'37	45°37'14
	-5591 Jul 04 j 03:40	$0^{\circ}S$			-5588 Jan 15 j 16:06	0° <b>≈</b>	
asc. node	-5591 Jul 17 j 08:27	16° <b>8</b> 14'42		greatest brilliancy	-5588 Feb 16 j 10:05	22° <b>≈</b> 20′23	-4.7m
	-5591 Jul 28 j 10:11	$\Pi$ °0		retrograde	-5588 Feb 27 j 04:06	24° <b>≈</b> 25'54	
greatest brilliancy	-5591 Aug 17 j 13:27	25° <b>Ⅱ</b> 14'21	-3.9m	evening set	-5588 Mar 15 j 03:55	18° <b>≈</b> 56′04	
	-5591 Aug 21 j 08:10	$0$ $\circ$		inferior conj	-5588 Mar 19 j 15:40	16° <b>≈</b> 09'09	6°40'25
	-5591 Sep 14 j 02:07	$0^{\circ}\Omega$		minimum elong	-5588 Mar 19 j 24:00	15° <b>≈</b> 55'56	6°38'50
morning set	-5591 Sep 15 j 01:44	1° <b>Ω</b> 14'39		min. Earth dist.	-5588 Mar 20 j 07:08	15° <b>≈</b> 44'38	0.29415 AU
	-5591 Oct 07 j 20:01	0° <b>™</b>		morning rise	-5588 Mar 24 j 19:57	12° <b>≈</b> 57′20	
				direct	-5588 Apr 10 j 13:01	7° <b>≈</b> 40'37	
superior conj	-5591 Oct 26 j 16:36	23° m 43'48		greatest brilliancy	-5588 Apr 21 j 00:12	9° <b>≈</b> 38′06	-4.7m
minimum elong	-5591 Oct 26 j 23:07	24° Mp 04'15	0°24'08	desc. node	-5588 Apr 23 j 03:57	10° <b>≈</b> 28'27	
	-5591 Oct 31 j 16:31	0∘ <b>⊽</b>			-5588 May 21 j 06:11	0° <b>∀</b>	
max. Earth dist.	-5591 Nov 01 j 02:49	0° <b>≙</b> 32'17	1.71278 AU	morning max el	-5588 May 29 j 15:38	7° <b>)</b> 47'45	46°01'38
desc. node	-5591 Nov 06 j 08:31	7° <b>≏</b> 06'01			-5588 Jun 20 j 06:01	0° <b>Υ</b>	
	-5591 Nov 24 j 16:36	0°M₊			-5588 Jul 16 j 20:11	0°B	
evening rise	-5591 Dec 08 j 03:30	16° <b>™</b> 44'06			-5588 Aug 10 j 23:43	0°Щ	
	-5591 Dec 18 j 20:19	0° <b>∡</b>		asc. node	-5588 Aug 13 j 20:34	3° <b>Ⅱ</b> 29'32	
	-5590 Jan 12 j 03:54	0°ප			-5588 Sep 04 j 08:34	0°®	
	-5590 Feb 05 j 16:45	0° <b>≈</b>			-5588 Sep 28 j 08:07	$0^{\circ}\Omega$	
asc. node	-5590 Feb 26 j 21:37	25° <b>≈</b> 36'47			-5588 Oct 22 j 05:05	0° <b>m</b> y	
	-5590 Mar 02 j 13:29	0° <b>∀</b>			-5588 Nov 15 j 03:41	0∘ <b>ত</b>	
	-5590 Mar 27 j 22:00	0° <b>Υ</b>		morning set	-5588 Dec 01 j 12:18	20° <b>≏</b> 24'08	
	-5590 Apr 23 j 00:46	0° <b>8</b>		desc. node	-5588 Dec 03 j 21:16	23° <b>≏</b> 21'20	
	-5590 May 20 j 13:37	0°П			-5588 Dec 09 j 05:36	0° <b>M</b> ₊	
evening max el	-5590 Jun 04 j 02:09	14° <b>Ⅱ</b> 38'13	46°09'34		-5587 Jan 02 j 10:43	0° <b>∡</b> ¹	
desc. node	-5590 Jun 18 j 23:52	28° <b>Ⅱ</b> 07'06			5505 X 11:10.00	110 71000	1010110
1 - 1111	-5590 Jun 21 j 07:02	0°©	4.0	superior conj	-5587 Jan 11 j 12:33	11° <b>х</b> 12'38	
greatest brilliancy	-5590 Jul 14 j 10:12	13°954'04	-4.8m	minimum elong	-5587 Jan 11 j 04:00	10° <b>∡</b> 746'14	
retrograde	-5590 Jul 23 j 17:47	15°529'03		max. Earth dist.	-5587 Jan 14 j 10:47		1.72965 AU
evening set	-5590 Aug 10 j 13:56	9°532'51	0050101		-5587 Jan 26 j 18:15	0°る	
inferior conj	-5590 Aug 13 j 11:22	7°549'08		evening rise	-5587 Feb 18 j 15:48	28° <b>る</b> 09'25	
minimum elong	-5590 Aug 13 j 10:27	7°550'31	8°58'00		-5587 Feb 20 j 03:50	0° <b>≈</b>	2.0
min. Earth dist.	-5590 Aug 13 j 15:21	7°543'08	0.26889 AU	greatest brilliancy	-5587 Feb 27 j 23:17	9° <b>≈</b> 34'54	-3.9m
morning rise	-5590 Aug 16 j 06:56	6°508'14		1	-5587 Mar 16 j 15:44	0° <b>)</b> {	
direct	-5590 Sep 03 j 02:15	0°509'44	4.0	asc. node	-5587 Mar 26 j 10:01	11° <b>)</b> 54'57 0° <b>℃</b>	
greatest brilliancy	-5590 Sep 13 j 16:39	2°517'43	-4.9m		-5587 Apr 10 j 06:42		
asc. node	-5590 Oct 09 j 17:01	20°505'39			-5587 May 05 j 01:42	0°B	
	-5590 Oct 20 j 02:41	0°Ω	46949140		-5587 May 30 j 02:25	0° <b>Ⅱ</b>	
morning max el	-5590 Oct 23 j 22:03	3° <b>Ω</b> 51'04	46°48'49	11-	-5587 Jun 24 j 12:37	0°95	
	-5590 Nov 17 j 00:03	0° <b>m</b> )		desc. node	-5587 Jul 16 j 11:15	25°©12'48	
	-5590 Dec 12 j 22:34 -5589 Jan 07 j 06:47	0∘ <b>m</b>			-5587 Jul 20 j 17:32	0°Ω	47922120
desc. node	3	0°M 26°M55'46		evening max el	-5587 Aug 16 j 19:33	28° <b>Ω</b> 57'29	47°33'20
desc. node	-5589 Jan 29 j 20:08	20 IIL33 40 0° <b>√</b>			-5587 Aug 17 j 20:31	0 <b>்⊽</b> 0°™	
	-5589 Feb 01 j 09:41	0°る		araataat brillianay	-5587 Sep 25 j 16:30	0° <b>£</b> 30'53	4.000
	-5589 Feb 26 j 09:05 -5589 Mar 23 j 04:39	0°≈		greatest brilliancy retrograde	-5587 Sep 27 j 01:18 -5587 Oct 06 j 16:02	0 <b>≥</b> 30 33 2° <b>₽</b> 17'26	-4.9111
	-5589 Apr 16 j 19:46	0 ≈ 0° <b>∺</b>		renograde	-5587 Oct 06 j 16.02	30°R, Mp	
morning set	-5589 Apr 10 j 19:40 -5589 Apr 24 j 22:13	9° <b>∺</b> 55'17		evening set	-5587 Oct 17 j 05:04 -5587 Oct 21 j 14:29	27° Mp 49'38	
morning set	-5589 May 11 j 06:10	9 <b>γ</b> (3317		inferior conj	-5587 Oct 27 j 07:33	24° m) 24'06	2020140
asc. node	-5589 May 11 j 06.10	13° <b>Υ</b> 45'12		minimum elong	-5587 Oct 27 j 12:53	24° m 15'49	
max. Earth dist.	-5589 May 26 j 07:23	18° <b>Y</b> 36'05	1.72832 AU	min. Earth dist.	-5587 Oct 26 j 20:59	24° m) 40'32	0.26593 AU
man. Darm Uist.	3307 Way 20 J 07.23	10 1 30 03	1.72032 AU	morning rise	-5587 Nov 02 j 11:46	24 11/40 32 20° 11/40 44'49	0.20333 AU
superior conj	-5589 May 30 j 15:49	23° <b>Y</b> ′59'37	0010113	asc. node	-5587 Nov 02 j 11.46 -5587 Nov 06 j 03:52	18° <b>m</b> ) 58'44	
minimum elong	-5589 May 30 j 15:49	23° <b>Y</b> 48'03	0°19'13 0°19'10	direct	-5587 Nov 06 j 03:32 -5587 Nov 16 j 13:07	16° Mp 45'06	
mminum ciong	-5589 Jun 04 j 11:57	0° <b>8</b>	0 1710	greatest brilliancy	-5587 Nov 16 j 15.07 -5587 Nov 26 j 05:06	18° Mp 31'39	-4.9m
	-5589 Jun 04 j 11:57 -5589 Jun 28 j 13:56	0°U		greatest orillaticy	-5587 Nov 26 j 05:06 -5587 Dec 15 j 12:03	0₀ <b>ʊ</b> 18.11\21.28	<del>"1</del> .7111
avaning rise	-	0° <u>П</u> 8° <b>∏</b> 59'18		morning may al	·	18° <b>≏</b> 33'52	46°10'14
evening rise	-5589 Jul 05 j 18:35 -5589 Jul 22 j 13:40	0₀© 8°ЩЭЭЛ8		morning max el	-5586 Jan 05 j 05:41 -5586 Jan 16 j 12:15	0°M	+0 1714
	-5589 Jul 22 j 13:40 -5589 Aug 15 j 13:19	0°€ 0-3			-5586 Feb 13 j 03:43	0°11L 0° <b>√</b>	
	-5589 Aug 15 j 15:19 -5589 Sep 08 j 15:06	0° <b>m</b> )		desc. node	-5586 Feb 26 j 07:54	0° <b>x</b> ′ 14° <b>x</b> ′53'01	
desc. node	-5589 Sep 11 j 09:13	3°Mp25'21		acse. Houc	-5586 Mar 11 j 11:40	14 x・33 01	
uese. Hout	-5589 Sep 11 j 09:13 -5589 Oct 02 j 21:01	ე∘ <b>ი</b> ე∘ი			-5586 Mar 11 j 11:40	0° <b>≈</b>	
	5507 Oct 02 j 21.01	· —			5500 Apr 00 J 02.55	· ~	

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical co	ounting style is the year	5900 BCE in historical c	ounting style.	
	-5586 May 01 j 06:00	0° <b>∀</b>			-5584 Nov 15 j 17:05	0° <b>∡</b> 7	
	-5586 May 25 j 22:58	$0$ ° $\Upsilon$		asc. node	-5584 Dec 03 j 15:03	12° <b>₹</b> 04'42	
asc. node	-5586 Jun 18 j 22:07	29° <b>Ƴ</b> 32'00		greatest brilliancy	-5584 Dec 06 j 04:00	13° <b>∡</b> 11'15	-4.9m
	-5586 Jun 19 j 07:09	$9^{\circ}$ 8		retrograde	-5584 Dec 17 j 04:20	15° <b>∡</b> ³30′08	
morning set	-5586 Jul 01 j 10:43	15° <b>8</b> 06'57		evening set	-5583 Jan 02 j 11:07	10° <b>₹</b> 09'34	
	-5586 Jul 13 j 08:14	$\Pi$ °0		min. Earth dist.	-5583 Jan 06 j 09:46	7° <b>∡</b> ¹42'03	0.28529 AU
max. Earth dist.	-5586 Aug 06 j 04:29	29° <b>Ⅱ</b> 59'23	1.71116 AU	inferior conj	-5583 Jan 07 j 07:45	7° <b>∡</b> 106'50	6°59'19
	-5586 Aug 06 j 04:40	$0$ $\circ$ $\odot$		minimum elong	-5583 Jan 06 j 23:31	7° <b>∡</b> ¹20'02	6°57'44
				morning rise	-5583 Jan 11 j 12:28	4° <b>∡</b> ¹29'09	
superior conj	-5586 Aug 08 j 06:51	2°538'14			-5583 Jan 21 j 02:39	30°RML	
minimum elong	-5586 Aug 08 j 03:51		1°23'01	direct	-5583 Jan 28 j 10:46	28°M54'06	
	-5586 Aug 29 j 23:20	$0^{\circ}\Omega$			-5583 Feb 05 j 02:18	0° <b>∡</b> ¹	
evening rise	-5586 Sep 17 j 14:31	23° <b>Ω</b> 28'55		greatest brilliancy	-5583 Feb 06 j 05:43	0° <b>∡</b> 120′17	-4.7m
	-5586 Sep 22 j 18:56	0° <b>m</b> )		morning max el	-5583 Mar 18 j 05:54	28° <b>∡</b> ¹45'15	45°52'12
desc. node	-5586 Oct 08 j 21:49	20° m 13'36			-5583 Mar 19 j 13:14	0°ਰ	
	-5586 Oct 16 j 17:20	0∘ <b>ত</b>		desc. node	-5583 Mar 25 j 19:08	6° <b>ට</b> 06'39	
	-5586 Nov 09 j 19:41	0° <b>M</b> ₊			-5583 Apr 17 j 14:17	0° <b>≈</b>	
	-5586 Dec 04 j 03:13	0° <b>∡</b>			-5583 May 14 j 07:04	0° <b>∺</b>	
	-5586 Dec 28 j 18:49	0°ರ			-5583 Jun 08 j 20:10	0° <b>Υ</b>	
	-5585 Jan 23 j 00:39	0° <b>≈</b>			-5583 Jul 03 j 15:13	0° <b>8</b>	
asc. node	-5585 Jan 29 j 11:39	7°≈30'10		asc. node	-5583 Jul 16 j 10:40	15° <b>8</b> 46'27	
	-5585 Feb 18 j 09:12	0° <b>∺</b>			-5583 Jul 27 j 21:27	0°II	
	-5585 Mar 19 j 04:41	0° <b>Υ</b>		greatest brilliancy	-5583 Aug 18 j 04:38	26° <b>Ⅱ</b> 42'38	-3.9m
evening max el	-5585 Mar 21 j 05:17	1° <b>Y</b> 56′01	45°04'27		-5583 Aug 20 j 19:17	0ංම	
greatest brilliancy	-5585 Apr 28 j 00:54	29° <b>Y</b> ′02′03	-4.7m	morning set	-5583 Sep 12 j 12:44	28°542'39	
	-5585 May 01 j 04:42	0°8			-5583 Sep 13 j 13:12	$0$ $^{\circ}$ $\Omega$	
retrograde	-5585 May 08 j 10:51	0° <b>8</b> 57'37			-5583 Oct 07 j 07:07	0° <b>m</b> )	
	-5585 May 15 j 11:13	30° <b>₹</b> Υ					
desc. node	-5585 May 21 j 14:59	27° <b>Ƴ</b> 38′20		superior conj	-5583 Oct 24 j 01:01	21°Mp04'41	0°28'12
evening set	-5585 May 23 j 04:32	26° <b>Y</b> 51′03		minimum elong	-5583 Oct 24 j 08:27	21° <b>m</b> 27'59	0°27'57
inferior conj	-5585 May 29 j 16:30	23° <b>Y</b> 05'43		max. Earth dist.	-5583 Oct 29 j 12:04		1.71229 AU
minimum elong	-5585 May 29 j 12:20	23° <b>Y</b> 12′02			-5583 Oct 31 j 03:37	0∘ <b>ত</b>	
min. Earth dist.	-5585 May 30 j 07:21	22° <b>Y</b> 43′10	0.28162 AU	desc. node	-5583 Nov 05 j 10:37	6° <b>≙</b> 37'55	
morning rise	-5585 Jun 04 j 19:17	19° <b>Y</b> 30′23			-5583 Nov 24 j 03:40	0°M	
direct	-5585 Jun 20 j 04:33	14°Υ59'13	4.0	evening rise	-5583 Dec 05 j 14:18	14°M14'18	
greatest brilliancy	-5585 Jul 01 j 12:36	17° <b>Y</b> 18′16	-4.8m		-5583 Dec 18 j 07:21	0° <b>∡</b>	
	-5585 Jul 21 j 20:22	0°8	46026110		-5582 Jan 11 j 14:59	5°0	
morning max el	-5585 Aug 09 j 07:56	16° <b>8</b> 54'06	46°36'19	4	-5582 Feb 05 j 04:03	0°≈	
,	-5585 Aug 21 j 21:37	0°II		asc. node	-5582 Feb 25 j 23:43	25°≈07'54	
asc. node	-5585 Sep 11 j 08:04	22° <b>Ⅱ</b> 56'48			-5582 Mar 02 j 01:19	0° <b>∀</b> 0° <b>Υ</b>	
	-5585 Sep 17 j 09:01	0ංම			-5582 Mar 27 j 10:50	O.A.	
	-5585 Oct 12 j 09:06	Λο Λ			5500 A 00:15.00		
	5505 N 05 : 10.52	0° <b>N</b>			-5582 Apr 22 j 15:33	$0^{\circ}$ 8	
	-5585 Nov 05 j 19:52	0° <b>m</b>		ovening mov el	-5582 May 20 j 08:54	0°B 8°0	46906!10
	-5585 Nov 30 j 03:32	0 <b>ಂ</b> ರ 0ಂ⊯		evening max el	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51	0° <b>႘</b> 0°Ⅲ 12°Ⅲ18'10	46°06'10
	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31	0° <b>™</b> 0° <b>™</b>		evening max el desc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10	0° <b>В</b> 0° <b>П</b> 12° <b>П</b> 18'10 27° <b>П</b> 00'53	46°06'10
desc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01	0° <b>ጥ</b> 0° <b>亞</b> 0° <b>ጤ</b> 9° <b>ጤ</b> 41'38		desc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09	0° <b>8</b> 0°П 12°П18'10 27°П00'53 0°©	
desc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32	0° <b>ጥ</b> 0° <b>으</b> 0° <b>ጤ</b> 9° <b>ጤ</b> 41'38 0° <b>ዶ</b>		desc. node greatest brilliancy	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39	0°♥ 0°Ⅲ 12°Ⅲ18'10 27°Ⅲ00'53 0°© 11°©27'39	46°06'10 -4.8m
	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31	0° m 0° Ω 0° M 9° M41'38 0° ⊀ 0° ጜ		desc. node greatest brilliancy retrograde	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19	0°♥ 0°Ⅲ 12°Ⅲ18'10 27°Ⅲ00'53 0°☞ 11°©27'39 13°©02'27	
	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13	0°m 0° <u>の</u> 0°M 9°M41'38 0°ズ 0°る 3°る21'07		desc. node greatest brilliancy retrograde evening set	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12	0°႘ 0°Ⅱ 12°Ⅱ18'10 27°Ⅱ00'53 0°೨ 11°927'39 13°902'27 7°909'44	-4.8m
morning set	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16	0° m, 0° Ω 0° M. 9° M.41'38 0° ズ 0° ℧ 3°℧21'07	1 72750 AV	desc. node greatest brilliancy retrograde evening set inferior conj	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44	0°8 0°11 12°1118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51	-4.8m -8°56'17
	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13	0°m 0° <u>の</u> 0°M 9°M41'38 0°ズ 0°る 3°る21'07	1.73759 AU	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51	0°8 0°11 12°1118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42	-4.8m -8°56'17 8°55'54
morning set max. Earth dist.	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24	0°m 0° <u>n</u> 0°M 9°M41'38 0°ズ 0°で 3°で21'07 0°≈ 16°≈39'58		desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47	0°8 0°11 12°1118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43	-4.8m -8°56'17
morning set max. Earth dist. superior conj	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24	0° m, 0° Ω 0° M. 9° M.41'38 0° ズ 0° ℧ 3°℧21'07 0° ≈ 16° ≈ 39'58	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25	0°8 0°11 12°118'10 27°1100'53 0°5 11°527'39 13°502'27 7°509'44 5°522'51 5°525'42 5°516'43 3°541'35	-4.8m -8°56'17 8°55'54
morning set max. Earth dist.	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 22 j 06:55	0° m, 0° Ω 0° M. 9° M.41'38 0° ズ 0° ጜ 3° ጜ21'07 0° ≈ 16° ≈ 39'58 18° ≈ 22'10 18° ≈ 47'20	-1°04'51	desc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°811	-4.8m -8°56'17 8°55'54
morning set  max. Earth dist.  superior conj  minimum elong	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 22 j 06:55 -5584 Mar 31 j 10:06	0° m, 0° Ω 0° M. 9° M.41'38 0° ズ 0° ጜ 3° ጜ21'07 0° ≈ 16° ≈ 39'58 18° ≈ 22'10 18° ≈ 47'20 0° 升	-1°04'51	desc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°811 27°1143'01	-4.8m -8°56'17 8°55'54 0.26922 AU
morning set  max. Earth dist.  superior conj  minimum elong	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44	0°m, 0°⊆ 0°M. 9°M.41'38 0°ズ 0°♂ 3°♂21'07 0°≈ 16°≈39'58 18°≈22'10 18°≈47'20 0°∺ 27°∺41'18	-1°04'51	desc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54	-4.8m -8°56'17 8°55'54
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 21 j 06:55 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50	0°m, 0°⊆ 0°M. 9°M.41'38 0°√ 0°♂ 3°♂21'07 0°≈ 16°≈39'58 18°≈47'20 0°H 27°H41'18 0°℃	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9	-4.8m -8°56'17 8°55'54 0.26922 AU
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25	0° m 0° Ω 0° M 9° M41'38 0° ℤ 0° ℧ 3° ℧21'07 0° ≈ 16° ≈ 39'58 18° ≈ 47'20 0° ℋ 27° ℋ41'18 0° ϒ 2° ϒ20'12	-1°04'51	desc. node greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9 19°902'03	-4.8m -8°56'17 8°55'54 0.26922 AU
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 May 19 j 04:37	0° m, 0° Ω 0° M. 9° M.41'38 0° ℤ 0° ℧ 3° ℧ 21'07 0° ≈ 16° ≈ 39'58 18° ≈ 47'20 0° ℋ 27° ℋ 41'18 0° ϒ 2° ϒ 20'12 0° ℧	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30	0°8 0°II 12°II18'10 27°II00'53 0°© 11°S27'39 13°S02'27 7°S09'44 5°S22'51 5°S25'42 5°S16'43 3°S41'35 30°RII 27°II43'01 29°II50'54 0°S 19°S02'03 0°Ω	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 22 j 06:55 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 May 19 j 04:37 -5584 Jun 12 j 13:00	0° m 0° 1. 9° 1.41'38 0° √ 0° 5. 3° 5.21'07 0° ≈ 16° ≈ 39'58 18° ≈ 22'10 18° ≈ 47'20 0° € 27° € 41'18 0° ♀ 2° ♀ 20'12 0° ₺ 0° ₺	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Oct 21 j 10:15	0°8 0°II 12°II18'10 27°II00'53 0°S 11°S27'39 13°S02'27 7°S09'44 5°S22'51 5°S25'42 5°S16'43 3°S41'35 30°RII 27°II43'01 29°II50'54 0°S 19°S02'03 0°A 1°A21'03	-4.8m -8°56'17 8°55'54 0.26922 AU
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 May 19 j 04:37 -5584 Jun 12 j 13:00 -5584 Jul 06 j 22:17	0° m, 0° Ω 0° M. 9° M.41'38 0° ℤ 0° ℤ 0° ℤ 10° ℤ 16° ≈39'58 18° ≈22'10 18° ≈47'20 0° ℋ 27° ℋ41'18 0° ♈ 2° ♈20'12 0° ℋ 0° ℋ 0° ℋ	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Nov 16 j 16:52	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°811 27°1143'01 29°1150'54 0°9 19°902'03 0°10 1°121'03 0°10	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj minimum elong  asc. node  evening rise	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 22 j 22:44 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 Mar 12 j 13:00 -5584 Jun 12 j 13:00 -5584 Jul 06 j 22:17 -5584 Jul 31 j 10:43	0° m 0° 11. 9° 11.41'38 0° √ 0° 15. 3° 521'07 0° ∞ 16° ∞39'58 18° ∞22'10 18° ∞47'20 0° € 27° € 41'18 0° ♥ 2° ♥ 20'12 0° ₺ 0° 11. 0° € 0° Ω	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Nov 16 j 16:52 -5582 Dec 12 j 12:48	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°811 27°1143'01 29°1150'54 0°9 19°902'03 0°Ω 1°Ω21'03 0°11 0°11	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj minimum elong  asc. node  evening rise	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 20 j 13:24 -5584 Mar 22 j 06:55 -5584 Mar 22 j 06:55 -5584 Apr 22 j 22:44 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 Mar 12 j 13:00 -5584 Jun 12 j 13:00 -5584 Jul 06 j 22:17 -5584 Jul 31 j 10:43 -5584 Aug 12 j 23:01	0° m 0° 11 0° 11 0° 12 0° 11 0° 12 0° 13 0° 15 3° 15 21 07 0° 16 16° 22 21 10 18° 22 110 18° 22 110 18° 21 111 18 0° 12 0° 14 0° 15 0° 11 0° 15 0° 11 0° 15 0° 11	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node morning max el	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 10 j 21:51 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Oct 21 j 10:15 -5582 Nov 16 j 16:52 -5582 Dec 12 j 12:48 -5581 Jan 06 j 19:39	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9 19°902'03 0°Ω 1°Ω21'03 0°10 0°10 0°11	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj  minimum elong  asc. node	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 21 j 22:43 -5584 Mar 22 j 06:55 -5584 Mar 22 j 06:55 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 Jun 12 j 13:00 -5584 Jul 06 j 22:17 -5584 Jul 31 j 10:43 -5584 Aug 25 j 05:50	0° m 0° 11. 9° 11.41'38 0° √ 0° 5 3° 521'07 0° ≈ 16° ≈39'58 18° ≈22'10 18° ≈47'20 0° ¥ 27° ¥41'18 0° Y 2° Y20'12 0° ₺ 0° 11 0° \$ 0° 11 0° \$ 0° 11 0° \$ 0° 11 0° \$ 0° 11	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Oct 21 j 10:15 -5582 Dec 12 j 12:48 -5581 Jan 06 j 19:39 -5581 Jan 28 j 22:11	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9 19°902'03 0°10 0°10 0°11 26°1125'46	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj  minimum elong  asc. node  evening rise	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 21 j 22:43 -5584 Mar 22 j 06:55 -5584 Mar 22 j 06:55 -5584 Apr 22 j 22:44 -5584 Apr 22 j 22:44 -5584 Apr 26 j 17:25 -5584 Mar 12 j 13:00 -5584 Jul 06 j 22:17 -5584 Jul 31 j 10:43 -5584 Aug 12 j 23:01 -5584 Aug 25 j 05:50 -5584 Sep 19 j 14:02	0° m 0° Ω 0° M 9° M41'38 0° ℤ 0° ℧ 3° ℧21'07 0° ☎ 16° ≈ 39'58  18° ≈ 22'10 18° ≈ 47'20 0° ℋ 27° ℋ41'18 0°   2°   2°   2°   12 0°   0° ℒ 0° ℒ 15° ℒ 11'36 0° m 0° Ω	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node morning max el	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 21 j 21:09 -5582 Jul 21 j 21:09 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Oct 21 j 10:15 -5582 Dec 12 j 12:48 -5581 Jan 06 j 19:39 -5581 Jan 28 j 22:11 -5581 Jan 31 j 21:41	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9 19°902'03 0°10 0°11 0°11 26°1125'46 0°\$7	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m
morning set  max. Earth dist.  superior conj  minimum elong  asc. node  evening rise	-5585 Nov 30 j 03:32 -5585 Dec 24 j 12:31 -5584 Jan 01 j 10:01 -5584 Jan 17 j 23:32 -5584 Feb 11 j 11:31 -5584 Feb 14 j 05:13 -5584 Mar 06 j 23:16 -5584 Mar 20 j 13:24 -5584 Mar 21 j 22:43 -5584 Mar 21 j 22:43 -5584 Mar 31 j 10:06 -5584 Apr 22 j 22:44 -5584 Apr 24 j 19:50 -5584 Apr 26 j 17:25 -5584 May 19 j 04:37 -5584 Jul 12 j 13:00 -5584 Jul 06 j 22:17 -5584 Aug 12 j 23:01 -5584 Aug 25 j 05:50	0° m 0° 11. 9° 11.41'38 0° √ 0° 5 3° 521'07 0° ≈ 16° ≈39'58 18° ≈22'10 18° ≈47'20 0° ¥ 27° ¥41'18 0° Y 2° Y20'12 0° ₺ 0° 11 0° \$ 0° 11 0° \$ 0° 11 0° \$ 0° 11 0° \$ 0° 11	-1°04'51	desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise  direct greatest brilliancy asc. node morning max el	-5582 May 20 j 08:54 -5582 Jun 01 j 15:51 -5582 Jun 18 j 02:10 -5582 Jun 21 j 21:09 -5582 Jul 11 j 21:39 -5582 Jul 21 j 05:19 -5582 Aug 08 j 00:12 -5582 Aug 10 j 23:44 -5582 Aug 10 j 21:51 -5582 Aug 11 j 03:47 -5582 Aug 13 j 19:25 -5582 Aug 20 j 23:21 -5582 Aug 31 j 15:14 -5582 Sep 11 j 06:09 -5582 Sep 11 j 15:28 -5582 Oct 08 j 19:12 -5582 Oct 20 j 02:30 -5582 Oct 21 j 10:15 -5582 Dec 12 j 12:48 -5581 Jan 06 j 19:39 -5581 Jan 28 j 22:11	0°8 0°11 12°118'10 27°1100'53 0°9 11°927'39 13°902'27 7°909'44 5°922'51 5°925'42 5°916'43 3°941'35 30°R11 27°1143'01 29°1150'54 0°9 19°902'03 0°10 0°10 0°11 26°1125'46	-4.8m -8°56'17 8°55'54 0.26922 AU -4.9m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 65 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	n astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
	-5581 Apr 16 j 06:36	0° <b>)</b> €		inferior conj	-5579 Oct 24 j 20:21	21° <b>m</b> 55'42	-2°51'35
morning set	-5581 Apr 22 j 17:36	7° <b>¥</b> 54'33		minimum elong	-5579 Oct 25 j 02:27	21°Mp46'16	2°49'39
	-5581 May 10 j 16:55	0° <b>Υ</b>		min. Earth dist.	-5579 Oct 24 j 11:07		0.26565 AU
asc. node	-5581 May 21 j 11:38	13° <b>Y</b> 18′50		morning rise	-5579 Oct 30 j 23:56	18° <b>M</b> )17'41	
max. Earth dist.	-5581 May 24 j 01:41	16° <b>Ƴ</b> 30'50	1.72891 AU	asc. node	-5579 Nov 05 j 06:09	15° <b>m</b> 53'49	
				direct	-5579 Nov 14 j 01:13	14° <b>m</b> 17'02	
superior conj	-5581 May 28 j 10:33	21° <b>Y</b> 55'33		greatest brilliancy	-5579 Nov 23 j 19:22	16° Mp 05'42	-4.9m
minimum elong	-5581 May 28 j 07:23	21° <b>Y</b> 45'45	0°16'10	·	-5579 Dec 16 j 01:41	0∘ <b>⊽</b>	4.602.012.4
	-5581 Jun 03 j 22:45	0°B		morning max el	-5578 Jan 02 j 19:48	16° <b>≏</b> 12'48	46°20'34
arranina riaa	-5581 Jun 28 j 00:52	0°Ⅱ 6°Ⅱ48'01			-5578 Jan 16 j 07:46 -5578 Feb 12 j 18:53	0° <b>™</b> 0° <i>≯</i> 7	
evening rise	-5581 Jul 03 j 11:34 -5581 Jul 22 j 00:48	0°95		desc. node	-5578 Feb 25 j 09:59	0 <b>x</b> . 14° <b>∡</b> 18'51	
	-5581 Aug 15 j 00:43	0°€ 0°€		desc. node	-5578 Mar 11 j 00:56	0°る	
	-5581 Sep 08 j 02:49	0° <b>m</b> )			-5578 Apr 05 j 15:06	0°≈	
desc. node	-5581 Sep 10 j 11:16	2° mp 55'11			-5578 Apr 30 j 17:36	0° <b>∺</b>	
dese. Hode	-5581 Oct 02 j 09:08	0° <b>ت</b>			-5578 May 25 j 10:13	0°Υ	
	-5581 Oct 26 j 22:24	0° <b>™</b>		asc. node	-5578 Jun 18 j 00:20	29° <b>Υ</b> '04'28	
	-5581 Nov 21 j 00:31	0° <b>∡</b> ¹		use. Houe	-5578 Jun 18 j 18:14	0°8	
	-5581 Dec 17 j 06:27	0°ප		morning set	-5578 Jun 29 j 03:19	12° <b>8</b> 54'32	
asc. node	-5580 Jan 01 j 02:17	15° <b>ප්</b> 47'54			-5578 Jul 12 j 19:19	0°П	
evening max el	-5580 Jan 06 j 23:12	21° <b>る</b> 42'13	45°39'54	max. Earth dist.	-5578 Aug 03 j 15:33		1.71163 AU
C	-5580 Jan 15 j 17:09	0° <b>≈</b>			5 3		
greatest brilliancy	-5580 Feb 14 j 03:23	20° <b>≈</b> 14'17	-4.7m	superior conj	-5578 Aug 05 j 20:45	0°915'33	1°22'05
retrograde	-5580 Feb 24 j 20:46	22° <b>≈</b> 20'01		minimum elong	-5578 Aug 05 j 16:59	0°503'39	1°22'24
evening set	-5580 Mar 12 j 23:16	16° <b>≈</b> 46′22			-5578 Aug 05 j 15:49	$0$ $\circ$ $\odot$	
inferior conj	-5580 Mar 17 j 08:52	14° <b>≈</b> 02'38	6°50'39		-5578 Aug 29 j 10:36	$0^{\circ}\Omega$	
minimum elong	-5580 Mar 17 j 16:56	13° <b>≈</b> 49'49	6°49'12	evening rise	-5578 Sep 14 j 23:51	20° <b>Ω</b> 51'29	
min. Earth dist.	-5580 Mar 17 j 23:51	13° <b>≈</b> 38'51	0.29430 AU		-5578 Sep 22 j 06:19	0° <b>™</b>	
morning rise	-5580 Mar 22 j 10:26	10° <b>≈</b> 54'26		desc. node	-5578 Oct 07 j 23:57	19° <b>M</b> 44'15	
direct	-5580 Apr 08 j 05:27	5° <b>≈</b> 33'45			-5578 Oct 16 j 04:53	0∘ <b>⊽</b>	
greatest brilliancy	-5580 Apr 18 j 16:20	7° <b>≈</b> 30'34	-4.7m		-5578 Nov 09 j 07:24	$0^{\circ}$ M	
desc. node	-5580 Apr 22 j 06:06	8° <b>≈</b> 57'48			-5578 Dec 03 j 15:11	0° <b>∡</b>	
	-5580 May 21 j 07:41	0° <b>∀</b>			-5578 Dec 28 j 07:15	0°ಕ	
morning max el	-5580 May 27 j 07:06	5° <b>¥</b> 36'16	46°00'45		-5577 Jan 22 j 14:07	0° <b>≈</b>	
	-5580 Jun 19 j 22:33	0° <b>Y</b>		asc. node	-5577 Jan 28 j 13:43	6°≈56'09	
	-5580 Jul 16 j 10:01	0°B			-5577 Feb 18 j 01:00	0° <b>)</b> {	45004101
1	-5580 Aug 10 j 12:22	0°II		evening max el	-5577 Mar 18 j 21:21	29° <b>)</b> 45'41 0° <b>°</b>	45°04'01
asc. node	-5580 Aug 12 j 22:37 -5580 Sep 03 j 20:37	2°∏57′27 0°©		araataat brillianas	-5577 Mar 19 j 03:24 -5577 Apr 25 j 14:31		4.7
	-5580 Sep 03 j 20.37	0°€ 0°€		greatest brilliancy	-5577 May 06 j 01:55	28° <b>Y</b> 44'05	-4. /III
	-5580 Oct 21 j 16:36	0° <b>m</b> y		retrograde evening set	-5577 May 00 j 01:33	24° <b>Y</b> 37'24	
	-5580 Nov 14 j 15:00	0∘ <del>ত</del> رابا		desc. node	-5577 May 20 j 17:16	24° <b>Υ</b> '40'04	
morning set	-5580 Nov 28 j 22:30	0 <b>—</b> 17° <b>≏</b> 51'30		inferior conj	-5577 May 27 j 07:20	20° <b>Υ</b> 51'24	-1°32'28
desc. node	-5580 Dec 02 j 23:28	22° <b>♀</b> 53'18		minimum elong	-5577 May 27 j 03:55	20° <b>Υ</b> 56'37	
	-5580 Dec 08 j 16:47	0° <b>M</b> ,		min. Earth dist.	-5577 May 27 j 22:26	20° <b>Υ</b> 28'26	0.28210 AU
	-5579 Jan 01 j 21:47	0° <b>∡</b> ⊓		morning rise	-5577 Jun 02 j 11:46	17° <b>Ƴ</b> 13'46	
	,			direct	-5577 Jun 17 j 20:38	12° <b>Y</b> ′44'03	
superior conj	-5579 Jan 09 j 02:10	8° <b>∡</b> ¹52'27	-1°11'06	greatest brilliancy	-5577 Jun 29 j 03:36	15° <b>Y</b> ′02'27	-4.8m
minimum elong	-5579 Jan 08 j 17:07	8° <b>∡</b> °24'31	1°11'10	·	-5577 Jul 22 j 05:45	$0^{\circ}$ 8	
max. Earth dist.	-5579 Jan 12 j 02:22	12° <b>∡</b> °35′14	1.72913 AU	morning max el	-5577 Aug 06 j 23:29	14° <b>8</b> 36'57	46°35'10
	-5579 Jan 26 j 05:16	5°0			-5577 Aug 21 j 16:12	$\Pi$ °0	
evening rise	-5579 Feb 16 j 08:33	25° <b>る</b> 59'42		asc. node	-5577 Sep 10 j 10:19	22° <b>Ⅱ</b> 18′10	
	-5579 Feb 19 j 14:51	0° <b>≈</b>			-5577 Sep 16 j 24:00	$0$ $\circ$ $\odot$	
greatest brilliancy	-5579 Feb 26 j 14:54	8° <b>≈</b> 35'24	-3.9m		-5577 Oct 11 j 22:33	$0$ $^{\circ}$ $\Omega$	
	-5579 Mar 16 j 02:51	0° <b>∀</b>			-5577 Nov 05 j 08:31	0° <b>m</b> )	
asc. node	-5579 Mar 25 j 12:10	11° <b>)</b> €27'19			-5577 Nov 29 j 15:42	0∘ <b>ত</b>	
	-5579 Apr 09 j 18:06	0° <b>Υ</b>			-5577 Dec 24 j 00:18	0°M,	
	-5579 May 04 j 13:39	0°B		desc. node	-5577 Dec 31 j 12:03	9°M12'05	
	-5579 May 29 j 15:16	0°II			-5576 Jan 17 j 11:00	0° <b>∡</b> 0° <b>≥</b>	
desc nodo	-5579 Jun 24 j 02:58	२४०७३२१०६ १००७		morning sat	-5576 Feb 10 j 22:44	0°る 1°る08'42	
desc. node	-5579 Jul 15 j 13:18 -5579 Jul 20 j 10:42	24° <b>©</b> 32'06 0° <b>Ω</b>		morning set	-5576 Feb 11 j 21:10 -5576 Mar 06 j 10:20	1°08'42 0°≈	
evening max el	-5579 Aug 14 j 08:25	26° <b>Ω</b> 30'07	47°31'45	max. Earth dist.	-5576 Mar 18 j 13:16		1.73760 AU
Creaming max ci	-5579 Aug 17 j 21:03	0°m)	1, 3143	man. Darui uist.	55,5 iviai 10 j 15.10	11,~52,02	1.75700 AU
greatest brilliancy	-5579 Sep 24 j 15:57	28° Mp 02'54	-4.9m	superior conj	-5576 Mar 19 j 17:09	16° <b>≈</b> 17'36	-1°06'42
retrograde	-5579 Oct 04 j 04:50	29° m/48'08		minimum elong	-5576 Mar 20 j 01:14	16° <b>≈</b> 42'24	
-	-5579 Oct 19 j 05:21	25° m/ 17'38			-5576 Mar 30 j 21:07	0° <b>∀</b>	
evening set	-33/9 Oct 19 [03.21	23 Hy 1 / 30			-55/0 Wiai 50 [ 21.07	0 /	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 66 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical c	ounting style.	
asc. node	-5576 Apr 22 j 00:57	27° <b>)</b> 13′55		greatest brilliancy	-5574 Sep 08 j 20:12	27° <b>Ⅱ</b> 23'49	-4.9m
	-5576 Apr 24 j 06:57	$0^{\circ}$ $\Upsilon$			-5574 Sep 14 j 10:10	$0$ $\circ$ $\odot$	
evening rise	-5576 Apr 24 j 12:52	0° <b>Υ</b> 18'13		asc. node	-5574 Oct 07 j 21:24	17° <b>9</b> 59'18	
-	-5576 May 18 j 15:57	0°8		morning max el	-5574 Oct 18 j 22:05	28°549'11	46°49'37
	-5576 Jun 12 j 00:39	$\Pi^{\circ}$		Ü	-5574 Oct 20 j 01:36	$0^{\circ}\Omega$	
	-5576 Jul 06 j 10:22	0ංම _			-5574 Nov 16 j 09:36	0° m)	
	-5576 Jul 30 j 23:26	0°Ω			-5574 Dec 12 j 03:05	0∘ <u>ಹ</u>	
desc. node	-5576 Aug 12 j 01:07	14° <b>Ω</b> 38'09			-5573 Jan 06 j 08:39	o <b>−</b> 0° <b>n</b>	
desc. node	-5576 Aug 24 j 19:31	0° <b>m</b>		desc. node	-5573 Jan 28 j 00:14	25°M55'06	
				desc. node	•		
	-5576 Sep 19 j 05:26	0∘ <b>亚</b>			-5573 Jan 31 j 09:53	0° <b>∡</b>	
	-5576 Oct 15 j 22:46	0°M			-5573 Feb 25 j 08:11	0°ප	
evening max el	-5576 Oct 24 j 22:31	9° <b>M</b> 26′20	47°13'17		-5573 Mar 22 j 03:01	0° <b>≈</b>	
	-5576 Nov 16 j 04:44	0° <b>∡</b> ¹			-5573 Apr 15 j 17:43	0° <b>∀</b>	
asc. node	-5576 Dec 02 j 17:16	10° <b>∡</b> 727′01		morning set	-5573 Apr 20 j 12:43	5° <b>¥</b> 52'05	
greatest brilliancy	-5576 Dec 03 j 20:50	10° <b>₹</b> 55'40	-4.9m		-5573 May 10 j 03:57	$0^{\circ}$ Y	
retrograde	-5576 Dec 14 j 21:07	13° <b>∡</b> 14′06		asc. node	-5573 May 20 j 13:43	12° <b>Y</b> 51′10	
evening set	-5576 Dec 31 j 00:35	7° <b>∡</b> ′58′12		max. Earth dist.	-5573 May 21 j 21:41	14° <b>Ƴ</b> 30′02	1.72948 AU
min. Earth dist.	-5575 Jan 04 j 00:50	5° <b>∡</b> 128'14	0.28455 AU				
inferior conj	-5575 Jan 04 j 23:47	4° <b>∡</b> ¹51'26	6°48'43	superior conj	-5573 May 26 j 05:07	19° <b>Ƴ</b> 50'12	0°13'12
minimum elong	-5575 Jan 04 j 15:16	5° <b>₹</b> 05'05	6°47'00	minimum elong	-5573 May 26 j 02:32	19° <b>Ƴ</b> 42'12	0°13'09
morning rise	-5575 Jan 09 j 06:37	2° <b>∡</b> 10'37		behind sun begin	-5573 May 25 j 13:59	19° <b>Ƴ</b> 03'19	
	-5575 Jan 13 j 05:14	30°RML		behind sun end	-5573 May 26 j 15:06	20° <b>Y</b> ′21′07	
direct	-5575 Jan 26 j 02:26	26°M40'09		bennia san ena	-5573 Jun 03 j 09:49	0°8	
greatest brilliancy	-5575 Feb 03 j 19:52	28°M05'20	-4.8m		-5573 Jun 27 j 12:04	0°II	
greatest offinality	-	28 11 <b>c</b> 03 20	-4.0111	evening rise	-5573 Jul 01 j 04:36	4° <b>Ⅱ</b> 36'17	
	-5575 Feb 08 j 18:47		45052120	evening rise	•		
morning max el	-5575 Mar 15 j 21:24	26° <b>₹</b> 33'25	45°52′30		-5573 Jul 21 j 12:14	0° <b>©</b>	
	-5575 Mar 19 j 11:17	0°る			-5573 Aug 14 j 12:26	0° <b>N</b>	
desc. node	-5575 Mar 24 j 21:22	5° <b>る</b> 21'47			-5573 Sep 07 j 14:51	0° <b>m</b>	
	-5575 Apr 17 j 06:05	0° <b>≈</b>		desc. node	-5573 Sep 09 j 13:27	2° <b>m</b> 24'34	
	-5575 May 13 j 20:36	0° <b>∀</b>			-5573 Oct 01 j 21:32	0∘ <b>⊽</b>	
	-5575 Jun 08 j 08:37	$0^{\circ}$ Y			-5573 Oct 26 j 11:23	0° <b>M</b> ₊	
	-5575 Jul 03 j 03:07	$6^{\circ}B$			-5573 Nov 20 j 14:38	0° <b>∡</b> ¹	
asc. node	-5575 Jul 15 j 12:39	15° <b>8</b> 16'22			-5573 Dec 16 j 23:16	0° <b>ರ</b>	
	-5575 Jul 27 j 09:03	$\Pi^{\circ}$		asc. node	-5573 Dec 31 j 04:19	15° <b>る</b> 02'14	
greatest brilliancy	-5575 Aug 18 j 15:29	27° <b>Ⅱ</b> 56′20	-3.9m	evening max el	-5572 Jan 04 j 13:42	19° <b>る</b> 26'20	45°42'37
	-5575 Aug 20 j 06:44	0ංම			-5572 Jan 15 j 19:42	0° <b>≈</b>	
morning set	-5575 Sep 10 j 00:10	26°911'07		greatest brilliancy	-5572 Feb 11 j 20:02	18° <b>≈</b> 07'02	-4.7m
5 - 5	-5575 Sep 13 j 00:34	$0^{\circ}\Omega$		retrograde	-5572 Feb 22 j 13:54	20°≈13'53	
	-5575 Oct 06 j 18:28	0° <b>m</b> )		evening set	-5572 Mar 10 j 18:36		
	-5575 Oct 00 j 16.26	עוו ט		inferior conj	-5572 Mar 15 j 02:08	11°≈55'36	7°00'22
superior conj	-5575 Oct 21 j 09:54	18° <b>m</b> 26'08	0°31'56	minimum elong	-5572 Mar 15 j 02:08	11°≈43'17	6°59'01
minimum elong		18° <b>m</b> ) 52'03		_	-33/2 Mai 13 J 09.34	11 ~43 1/	
U	-5575 Oct 21 j 18:09	18"107/03	0021140	and Double High	5572 Mar. 15 : 16-24	11022150	0.20440 ATT
max. Earth dist.	5555 0 . 26:21.25	-	0°31'40	min. Earth dist.	-5572 Mar 15 j 16:24	11°≈32'58	0.29448 AU
	-5575 Oct 26 j 21:35	25° m/19'38	0°31'40 1.71181 AU	morning rise	-5572 Mar 20 j 01:01	8° <b>≈</b> 51'19	0.29448 AU
	-5575 Oct 30 j 14:58	25° Mp 19'38 0° <u>Ω</u>		morning rise direct	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02	8°≈51'19 3°≈26'20	
desc. node	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48	25° ന 19'38 0° <u>ഫ</u> 6° <u>ഫ</u> 09'12		morning rise direct greatest brilliancy	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42	8°≈51'19 3°≈26'20 5°≈22'53	0.29448 AU -4.7m
desc. node	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01	25° ന 19'38 0° <u>മ</u> 6° <u>മ</u> 09'12 0° M		morning rise direct	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44	
desc. node evening rise	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48	25° ന 19'38 0° <u>ഫ</u> 6° <u>ഫ</u> 09'12		morning rise direct greatest brilliancy	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0°¥	
	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01	25° ന 19'38 0° <u>മ</u> 6° <u>മ</u> 09'12 0° M		morning rise direct greatest brilliancy	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44	
	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00	25° M 19'38 0° Ω 6° Ω 09'12 0° M 11° M 43'06		morning rise direct greatest brilliancy desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0°¥	-4.7m
	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ		morning rise direct greatest brilliancy desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0°₩ 3°₩26'18	-4.7m
	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47	25° m 19'38 0° Ω 6° Ω09'12 0° M 11° m 43'06 0° ズ 0° ℧		morning rise direct greatest brilliancy desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0°¥ 3°¥26'18 0°Υ	-4.7m
evening rise	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ 0° ℧ 0° ℧ 24° ≈ 37'57		morning rise direct greatest brilliancy desc. node morning max el	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3°ℋ26'18 0°♈ 0°℧	-4.7m
evening rise	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ' 0° ℧ 0° ℧ 24° ≈ 37'57 0° ℋ		morning rise direct greatest brilliancy desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3°ℋ26'18 0° ♈ 0°℧ 0°Ⅱ 2°Ⅱ25'34	-4.7m
evening rise	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ' 0° ℧ 0° ℧ 0° ℧ 0° ❤ 24° ≈ 37'57 0° ℋ 0° Ƴ		morning rise direct greatest brilliancy desc. node morning max el	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0°ℋ 3°ℋ26'18 0°Ƴ 0°℧ 0°ℿ 2°ℿ25'34 0°ℱ	-4.7m
evening rise	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ 0° ℧ 0° ℧ 0° ℧ 0° ❤ 24° ≈ 37'57 0° ℋ 0° Ƴ 0° Ƴ		morning rise direct greatest brilliancy desc. node morning max el	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ₩ 3° ₩26'18 0° Ψ 0° ₩ 2° Щ25'34 0° © 0° Ω	-4.7m
evening rise asc. node	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ¾ 0° ♂ 0° ⋈ 24° ≈ 37'57 0° ϒ 0° ϒ 0° ϒ 0° ϒ	1.71181 AU	morning rise direct greatest brilliancy desc. node morning max el	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ₩ 3° ₩ 26'18 0° Ψ 0° ₩ 0° Ⅲ 2° Ⅲ 25'34 0° © 0° Ω 0° №	-4.7m
evening rise  asc. node  evening max el	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 May 30 j 04:31	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ¾ 0° ♂ 0° ⋈ 24° ≈ 37'57 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° Ⅱ 9° II 54'29		morning rise direct greatest brilliancy desc. node morning max el asc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ¥ 3°¥26'18 0° Y 0° B 0° II 2° II25'34 0° © 0° Ω 0° III 0° ©	-4.7m
evening rise asc. node	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 May 30 j 04:31 -5574 Jun 17 j 04:15	25° m 19'38 0° Ω 6° Ω 09'12 0° m 11° m 43'06 0° ズ	1.71181 AU	morning rise direct greatest brilliancy desc. node morning max el asc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3° ℋ26'18 0° Ƴ 0° ℋ 0° ℋ 0° ℋ 0° ℳ 0° ℳ 0° ℳ 0° ℳ 0° ℳ	-4.7m
evening rise  asc. node  evening max el desc. node	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 May 20 j 05:13 -5574 May 30 j 04:31 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38	25° m 19'38 0° Ω 6° Ω 09'12 0° m. 11° m 43'06 0° ズ	1.71181 AU 46°02'48	morning rise direct greatest brilliancy desc. node morning max el asc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3° ℋ26'18 0° Ƴ 0° ℋ 0° ℋ 0° ℋ 0° ℒ 0° ℳ 0° ℳ 0° ℳ 15° № 18'49 22° № 24'20	-4.7m
evening rise  asc. node  evening max el desc. node  greatest brilliancy	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 May 30 j 04:31 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22	25° m 19'38 0° Ω 6° Ω09'12 0° m. 11° m.43'06 0° ¾ 0° ♂ 0° ♂ 0° ₩ 24° ≈ 37'57 0° ℋ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° Π 9° π.54'29 25° π.51'12 0° ♀ 9° © 00'24	1.71181 AU 46°02'48	morning rise direct greatest brilliancy desc. node morning max el asc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3° ℋ26'18 0° ♈ 0° ੴ 0° Ⅲ 2° Ⅲ25'34 0° ☜ 0° শ 0° শ 15° • 18'49 22° • 24'20 0° Ⅲ	-4.7m
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 May 30 j 04:31 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31	25° m 19'38 0° Ω 6° Ω09'12 0° m 11° m 43'06 0° ¾ 0° ♂ 0° ⋈ 24° ≈ 37'57 0° ⅓ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° Ν 9° π 54'29 25° π 51'12 0° ໑ 9° ໑00'24 10° ໑35'00	1.71181 AU 46°02'48	morning rise direct greatest brilliancy desc. node morning max el asc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° ℋ 3° ℋ26'18 0° Ƴ 0° ℋ 0° ℋ 0° ℋ 0° ℒ 0° ℳ 0° ℳ 0° ℳ 15° № 18'49 22° № 24'20	-4.7m
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31 -5574 Aug 05 j 09:57	25° m 19'38 0° Ω 6° Ω09'12 0° m 11° m 43'06 0° ♂ 0° ♂ 0° ♂ 0° ⇔ 24° ≈ 37'57 0° ℋ 1154'29 25° π 51'12 0° ፵ 9° © 00'24 10° © 35'00 4° © 46'14	1.71181 AU 46°02'48 -4.8m	morning rise direct greatest brilliancy desc. node morning max el asc. node morning set desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 01 j 08:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° H 3° H26'18 0° Y 0° B 0° II 2° II25'34 0° © 0° II 2° II25'34 0° © 0° II 2° II25'34 0° © 0° II	-4.7m 45°59'52
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set inferior conj	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31 -5574 Aug 05 j 09:57 -5574 Aug 08 j 12:04	25° m 19'38 0° Ω 6° Ω09'12 0° m 11° m 43'06 0° ¾ 0° ♂ 0° ⋈ 24° ≈ 37'57 0° ⅓ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° ϒ 0° Ν 9° π 54'29 25° π 51'12 0° ໑ 9° ໑00'24 10° ໑35'00	1.71181 AU 46°02'48 -4.8m	morning rise direct greatest brilliancy desc. node morning max el asc. node  morning set desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 06 j 15:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° H 3° H 26'18 0° Y 0° B 0° II 2° II 25'34 0° © 0° II 2° II 25'34 0° © 0° II 2° II 25'34 0° © 0° II 15° № 18'49 22° № 24'20 0° III 0° ✓ 6° ✓ 32'26	-4.7m 45°59'52
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Aug 05 j 09:57 -5574 Aug 08 j 12:04 -5574 Aug 08 j 09:12	25° m 19'38 0° Ω 6° Ω09'12 0° m 11° m 43'06 0° ♂ 0° ♂ 0° ♂ 0° ⇔ 24° ≈ 37'57 0° ℋ 1154'29 25° π 51'12 0° ፵ 9° © 00'24 10° © 35'00 4° © 46'14	1.71181 AU 46°02'48 -4.8m -8°53'16	morning rise direct greatest brilliancy desc. node morning max el asc. node morning set desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 01 j 08:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° H 3° H26'18 0° Y 0° B 0° II 2° II25'34 0° © 0° II 2° II25'34 0° © 0° II 2° II25'34 0° © 0° II	-4.7m 45°59'52
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set inferior conj	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31 -5574 Aug 05 j 09:57 -5574 Aug 08 j 12:04	25° m 19'38 0° n 6° n 09'12 0° m 11° m 43'06 0° x 0° t 0° t 0° x 0° t	1.71181 AU 46°02'48 -4.8m -8°53'16	morning rise direct greatest brilliancy desc. node morning max el asc. node  morning set desc. node	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 06 j 15:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° € 3° € € 26'18 0° ♥ 0° € 0° Π 2° Π25'34 0° © 0° Ω 0° № 0° Ω 15° Ω 18'49 22° Ω 24'20 0° № 0° % 6° ¾ 32'26 6° ¾ 32'26 6° ¾ 03'04	-4.7m 45°59'52
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Aug 05 j 09:57 -5574 Aug 08 j 12:04 -5574 Aug 08 j 09:12	25° m 19'38 0° n 6° n 09'12 0° m 11° m 43'06 0° x 0° o 0° ∞ 24° ≈ 37'57 0° y 0° y 0° y 0° y 0° y 0° y 154'29 25° m 51'12 0° s 9° s 00'24 10° s 35'00 4° s 46'14 2° s 55'37 2° s 59'57	1.71181 AU  46°02'48  -4.8m  -8°53'16 8°52'49	morning rise direct greatest brilliancy desc. node morning max el asc. node  morning set desc. node  superior conj minimum elong	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 06 j 15:54 -5571 Jan 06 j 15:54	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° € 3° € € 26'18 0° ♥ 0° € 0° Π 2° Π25'34 0° © 0° Ω 0° № 0° Ω 15° Ω 18'49 22° Ω 24'20 0° № 0° % 6° ¾ 32'26 6° ¾ 32'26 6° ¾ 03'04	-4.7m 45°59'52 -1°09'15 1°09'18
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31 -5574 Aug 08 j 09:57 -5574 Aug 08 j 09:12 -5574 Aug 08 j 09:12 -5574 Aug 08 j 09:12	25° m 19'38 0° n 6° n 09'12 0° m 11° m 43'06 0° x 0° o 0° o 24° ≈ 37'57 0° y 0° y 0° y 0° y 0° y 0° y 11 9° m 54'29 25° m 51'12 0° n 9° s 00'24 10° s 35'00 4° s 46'14 2° s 55'37 2° s 48'56	1.71181 AU  46°02'48  -4.8m  -8°53'16 8°52'49	morning rise direct greatest brilliancy desc. node morning max el asc. node  morning set desc. node  superior conj minimum elong	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26 -5572 Dec 02 j 01:28 -5572 Dec 03 j 08:50 -5572 Dec 03 j 08:50 -5572 Dec 03 j 08:50 -5572 Dec 03 j 08:50 -5572 Dec 06 j 08:50 -5571 Jan 06 j 06:24 -5571 Jan 06 j 06:24 -5571 Jan 09 j 17:32	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° € 3° € € 26'18 0° ♥ 0° ♥ 0° ♥ 0° € 0° № 0° № 0° № 15° № 18'49 22° № 24'20 0° № 0° № 6° № 32'26 6° № 33'04 10° № 19'46	-4.7m 45°59'52 -1°09'15 1°09'18
evening rise  asc. node  evening max el desc. node  greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist.	-5575 Oct 30 j 14:58 -5575 Nov 04 j 12:48 -5575 Nov 23 j 15:01 -5575 Dec 03 j 01:00 -5575 Dec 17 j 18:43 -5574 Jan 11 j 02:27 -5574 Feb 04 j 15:47 -5574 Feb 25 j 01:51 -5574 Mar 01 j 13:35 -5574 Mar 27 j 00:09 -5574 Apr 22 j 06:57 -5574 May 20 j 05:13 -5574 May 30 j 04:31 -5574 Jun 17 j 04:15 -5574 Jun 22 j 16:38 -5574 Jul 09 j 09:22 -5574 Jul 18 j 16:31 -5574 Aug 08 j 12:04 -5574 Aug 08 j 12:04 -5574 Aug 08 j 16:30 -5574 Aug 08 j 16:30 -5574 Aug 08 j 16:30	25° m 19'38 0° n 6° n 09'12 0° m 11° m 43'06 0° x 0° o 0° o 24° ≈37'57 0° y 0° y 0° y 0° y 0° y 0° y 11 9° m 54'29 25° m 51'12 0° n 9° n 54'29 25° n 51'29 2° n 54'51	1.71181 AU  46°02'48  -4.8m  -8°53'16 8°52'49	morning rise direct greatest brilliancy desc. node morning max el asc. node  morning set desc. node  superior conj minimum elong max. Earth dist.	-5572 Mar 20 j 01:01 -5572 Apr 05 j 22:02 -5572 Apr 16 j 08:42 -5572 Apr 21 j 08:19 -5572 May 21 j 08:13 -5572 May 24 j 23:25 -5572 Jun 19 j 14:59 -5572 Jul 15 j 23:54 -5572 Aug 10 j 01:06 -5572 Aug 12 j 00:50 -5572 Sep 03 j 08:46 -5572 Sep 27 j 07:41 -5572 Oct 21 j 04:13 -5572 Nov 14 j 02:26 -5572 Nov 26 j 08:50 -5572 Dec 02 j 01:28 -5572 Dec 08 j 04:02 -5571 Jan 06 j 05:54 -5571 Jan 06 j 06:24 -5571 Jan 09 j 17:32 -5571 Jan 25 j 16:18	8°≈51'19 3°≈26'20 5°≈22'53 7°≈29'44 0° € 3° € 26'18 0° ♥ 0° ₺ 0° Ⅲ 2° Ⅲ25'34 0° ⑤ 0° № 0° № 15° № 18'49 22° № 24'20 0° № 0° № 6° № 32'26 6° № 33'24 10° № 19'46 0° ₺	-4.7m 45°59'52 -1°09'15 1°09'18

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5571 Feb 24 j 22:01 7°≈09'47 -3.9m -5569 Oct 11 j 11:46 greatest brilliancy  $0^{\circ}\Omega$ -5571 Mar 15 j 14:01 0°**₩** -5569 Nov 04 j 20:56 0° m -5571 Mar 24 j 14:22 10°**¥**59'39 -5569 Nov 29 j 03:37 0∘**⊽** asc. node  $0^{\circ}\Upsilon$ 0°M -5571 Apr 09 j 05:35 -5569 Dec 23 j 11:51 -5571 May 04 j 01:43  $0^{\circ}$ 8 desc. node -5569 Dec 30 j 14:06 8°**IL**43'17 -5571 May 29 j 04:16  $0^{\circ}II$ -5568 Jan 16 j 22:14 0°×7 -5571 Jun 23 j 17:32 0°9 morning set -5568 Feb 09 j 13:08 28° 🖍 56'59 desc. node -5571 Jul 14 j 15:24 23°951'02 -5568 Feb 10 j 09:43 0°궁 -5571 Jul 20 j 04:16 0 $^{\circ}\Omega$ -5568 Mar 05 j 21:08 0°≈ evening max el -5571 Aug 11 j 21:55 24°**Ω**04'26 47°30'06 max. Earth dist. -5568 Mar 16 j 12:25 13°≈02'46 1.73752 AU -5571 Aug 17 j 22:51 0° M -5571 Sep 22 j 05:49 greatest brilliancy  $25^{\circ}$  Mp 33'46-4.9m superior conj -5568 Mar 17 j 11:47 14°≈14'27 -1°08'28 -5568 Mar 17 j 19:42 retrograde -5571 Oct 01 j 17:59 27° m 18'24 minimum elong 14°≈38'42 1°08'30 evening set -5571 Oct 16 j 20:14 22° m/44'52 -5568 Mar 30 j 07:52 0°**)**€ inferior conj -5571 Oct 22 j 08:59 19° Tp 26'39 -3°14'24 asc. node -5568 Apr 21 j 03:03 26°**)**47'11 minimum elong -5571 Oct 22 j 15:49 19° Mp 16'07 3°12'15 evening rise -5568 Apr 22 j 08:34 28° ¥ 17'55 min. Earth dist. -5571 Oct 22 j 00:46  $19^{\circ}$  My 39'200.26540 AU -5568 Apr 23 j 17:46  $0^{\circ}\Upsilon$ morning rise -5571 Oct 28 j 11:44 15° m 50'24 -5568 May 18 j 02:59 0°8 asc. node -5571 Nov 04 j 08:21 12° m 54'09 -5568 Jun 11 j 12:02  $0^{\circ}\Pi$ direct -5571 Nov 11 j 13:46 11° Mp 48'24 -5568 Jul 05 j 22:16 0ಂತಾ greatest brilliancy -5571 Nov 21 j 09:04 13° Mp 38'41 -4.9m -5568 Jul 30 j 12:02  $0^{\circ}\Omega$ -5571 Dec 16 j 11:56 0∘**⊽** -5568 Aug 11 i 03:19 14°Ω05'25 desc. node morning max el -5571 Dec 31 i 10:36 13°**2**53'18 46°22'02 -5568 Aug 24 j 09:10 0° m -5570 Jan 16 j 02:42 0°M -5568 Sep 18 j 20:51 0∘**⊽** -5570 Feb 12 j 09:46 0°×7 -5568 Oct 15 j 18:17 0°M -5570 Feb 24 j 12:12 13°**∡**¹45'38 -5568 Oct 22 j 14:27 7°ML08'32 47°15'46 desc node evening max el -5570 Mar 10 j 13:58 0°궁 -5568 Nov 16 j 19:56 0°×7 -5570 Apr 05 j 03:08 greatest brilliancy -5568 Dec 01 j 14:10 0°≈≈ 8° **2**141'06 -4 9m -5570 Apr 30 j 05:04 0°**₩** -5568 Dec 01 j 19:19 8°**х** 46′11 asc. node -5570 May 24 j 21:23  $0^{\circ}\Upsilon$ -5568 Dec 12 j 13:20 10° × 58'21 retrograde 28°**Y**36'25 -5568 Dec 28 j 14:02 5°**х¹**47'14 -5570 Jun 17 j 02:20 asc. node evening set -5570 Jun 18 j 05:17 0°8 min. Earth dist. -5567 Jan 01 j 16:13 3°**х** 14′19 0.28378 AU -5570 Jun 26 j 19:59 10°**8**42'33 -5567 Jan 02 j 15:44 2°**х** 36'34 6°37'27 morning set inferior conj 2°**х** 50'33 6°35'37 -5570 Jul 12 j 06:22 -5567 Jan 02 j 07:02  $0^{\circ}\Pi$ minimum elong -5567 Jan 06 j 19:38 max. Earth dist. -5570 Aug 01 j 00:53 24°**Ⅲ**51′09 1.71208 AU 30°RM -5567 Jan 07 j 00:42 morning rise 29°M52'26 -5570 Aug 03 j 10:44 superior conj 27°**I**53'24 1°21'20 direct -5567 Jan 23 j 17:43 24°M26'43 -5570 Aug 03 j 06:14 27°**Ⅲ**39'13 1°21'37 greatest brilliancy -5567 Feb 01 j 10:32 25°M51'21 minimum elong -4.8m -5570 Aug 05 j 02:55 0ಂತಾ -5567 Feb 10 j 18:54 0°**⊼** -5570 Aug 28 j 21:47  $0^{\circ}\Omega$ morning max el -5567 Mar 13 j 12:02 24° 20'14 45° 52'59 evening rise -5570 Sep 12 j 09:14 18°**Ω**14'30 -5567 Mar 19 j 08:11 0°ರ 0° M -5570 Sep 21 j 17:38 -5567 Mar 23 j 23:29 4°る38'13 desc. node desc. node -5570 Oct 07 j 02:05 19° m 15'11 -5567 Apr 16 j 21:16 0°≈ -5570 Oct 15 j 16:21 -5567 May 13 j 09:38 0°) 0∘**⊽** -5570 Nov 08 j 19:03 0°M -5567 Jun 07 j 20:37  $0^{\circ}\Upsilon$ -5570 Dec 03 i 03:04 0°×7 -5567 Jul 02 j 14:35 0°8 -5570 Dec 27 i 19:37 0°정 asc. node -5567 Jul 14 j 14:54 14°848'21 -5569 Jan 22 i 03:29 0°≈ -5567 Jul 26 j 20:16  $0^{\circ}II$ -5569 Jan 27 i 15:58 6°≈23'03 greatest brilliancy -5567 Aug 18 j 20:59 28°**I**54'14 -3.9m asc. node -5569 Feb 17 i 16:46 0°**₩** -5567 Aug 19 j 17:51 0ಂತಾ -5569 Mar 16 j 13:37 27°\(\)36'45 45°03'39 -5567 Sep 07 j 11:28 23°939'52 evening max el morning set -5569 Mar 19 j 02:42  $0^{\circ}\Upsilon$ -5567 Sep 12 j 11:41  $0^{\circ}\Omega$ 24°**Y**35'34 -4.7m 0° m greatest brilliancy -5569 Apr 23 j 04:52 -5567 Oct 06 j 05:36 -5569 May 03 j 16:46 26°Y31'59 retrograde evening set -5569 May 18 j 10:32 22°Y25'08 superior conj -5567 Oct 18 j 18:26 15° mp 47'12 0°35'37 -5569 May 19 j 19:18 21°\bar{Y}40'45 minimum elong -5567 Oct 19 j 03:27 16° mg 15'31 0°35'20 desc. node -5569 May 24 j 22:27 18°**Y**38'38 -1°12'02 max. Earth dist. -5567 Oct 24 j 03:04 22°M/31'16 1.71133 AU inferior conj -5569 May 24 j 19:47 18°**Y**42'42 1°11'10 -5567 Oct 30 j 02:05 minimum elong 0∘**⊽** -5569 May 25 j 13:54 18°**Y**15′04 0.28262 AU min. Earth dist. desc. node -5567 Nov 03 j 14:49 5°**£**40'42 -5569 May 31 j 04:19 14°Y58'40 morning rise -5567 Nov 23 j 02:07 0°M -5569 Jun 15 j 12:58 10°**Y**30′28 9°**M**10′42 direct evening rise -5567 Nov 30 j 11:05 greatest brilliancy -5569 Jun 26 j 18:48 12°**Y**47'47 -4.8m -5567 Dec 17 j 05:49 0°**∡**7 -5569 Jul 22 j 12:22 0°8 -5566 Jan 10 j 13:40 0°궁 morning max el -5569 Aug 04 j 14:23 12°**8**18'43 46°33'52 -5566 Feb 04 j 03:15 0°≈ -5569 Aug 21 j 10:13  $\Pi$ °0 asc. node -5566 Feb 24 j 04:04 24°≈09'00 -5569 Sep 09 j 12:31 21°**Ⅱ**40′07 -5566 Mar 01 j 01:36 0°**)** asc. node

 $0^{\circ}\Upsilon$ 

-5566 Mar 26 j 13:13

-5569 Sep 16 j 14:41

0ಂತಾ

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5566 Apr 21 j 22:08 0°8 -5564 Sep 26 j 19:11  $0^{\circ}\Omega$ -5566 May 20 j 01:37  $\mathbb{I}^{\circ 0}$ -5564 Oct 20 j 15:32 0° m -5566 May 27 j 16:34 7°II31'03 45°59'39 -5564 Nov 13 j 13:37 0∘**⊽** evening max el -5566 Jun 16 j 06:21 24°**Ⅱ**41'19 -5564 Nov 23 j 18:57 12° 245'58 desc. node morning set -5564 Dec 01 j 03:35 21°**≏**56'19 -5566 Jun 23 j 17:44 0.00 desc. node greatest brilliancy -5566 Jul 06 j 20:54 6°935'00 -4.8m -5564 Dec 07 j 15:07 0°M retrograde -5566 Jul 16 j 04:10 8°9510'00 -5564 Dec 31 j 19:53 0°**∡**7 evening set -5566 Aug 02 j 19:25 2°925'20 0°530'28 -8°49'09 inferior conj -5566 Aug 06 j 00:36 superior conj -5563 Jan 04 j 04:54 4°**∡**10'26 -1°07'14 minimum elong -5566 Aug 05 j 20:49 0°536'12 8°48'37 minimum elong -5563 Jan 03 j 19:00 3°**х** 39'52 1°07'15 min. Earth dist. -5566 Aug 06 j 05:20 0°923'21 0.26995 AU max. Earth dist. -5563 Jan 07 j 08:02 8°**҂**02'35 1.72807 AU -5566 Aug 06 j 20:49 30°RⅡ -5563 Jan 25 j 03:13 0°정 -5563 Feb 11 j 17:45 morning rise -5566 Aug 08 j 22:04 28°**Ⅱ**46'32 evening rise 21°る39'41 direct -5566 Aug 26 j 16:22 22°**Ⅱ**48'59 -5563 Feb 18 j 12:47 0°≈ greatest brilliancy -5566 Sep 06 j 10:47 24°**Ⅲ**59′04 -4.9m greatest brilliancy -5563 Feb 22 j 23:42 5°≈27'51 -3.9m -5566 Sep 16 j 02:30 0ಂತಾ -5563 Mar 15 j 01:04 0°**)**€ asc. node -5566 Oct 06 j 23:34 16°958'56 asc. node -5563 Mar 23 j 16:26 10°**₩**31'56 morning max el -5566 Oct 16 j 10:31 26°**©**19'42 46°49'51 -5563 Apr 08 j 16:59  $0^{\circ}\Upsilon$ -5566 Oct 19 j 23:31  $0^{\circ}\Omega$ -5563 May 03 j 13:43 0°8 -5566 Nov 16 j 01:51 0° m -5563 May 28 j 17:15  $0^{\circ}\Pi$ -5566 Dec 11 j 17:04 0∘**⊽** -5563 Jun 23 j 08:07 0ಂತಾ -5565 Jan 05 j 21:22 0°M desc. node -5563 Jul 13 i 17:42 23°9510'41 -5565 Jan 27 i 02:30 25°M25'53 -5563 Jul 19 j 21:57  $0^{\circ}\Omega$ desc. node -5565 Jan 30 j 21:48 0°×7 -5563 Aug 09 j 12:25 21°**Ω**42'15 47°28'29 evening max el -5565 Feb 24 j 19:34 0°정 -5563 Aug 18 j 01:41 0° m greatest brilliancy -5563 Sep 19 j 19:11 23°M 05'28 -5565 Mar 21 j 14:03 0°≈≈ -4 9m 0°**₩** -5563 Sep 29 j 07:30 24° m/49'52 -5565 Apr 15 j 04:33 retrograde -5563 Oct 14 j 11:27 -5565 Apr 18 j 07:47 3° ¥ 50'20 20° m 13'19 morning set evening set  $0^{\circ}\Upsilon$ -5565 May 09 j 14:41 -5563 Oct 19 j 21:43 16° m 58'46 -3°36'44 inferior conj 16° Mp 47'11 3°34'23 12°\bar{2}4'24 -5563 Oct 20 j 05:15 -5565 May 19 j 15:48 asc. node minimum elong -5565 May 19 j 19:07 12°**Y**34'39 1.72999 AU -5563 Oct 19 j 14:08 17° Mp 10'27 0.26518 AU max. Earth dist. min. Earth dist. -5563 Oct 25 j 23:25 13° m 24'35 morning rise 17°**Υ**46'28 0°10'09 -5565 May 23 j 23:53 -5563 Nov 03 j 10:26 10° Mp 01'56 superior conj asc. node -5565 May 23 j 21:53 17°**Y**40′17 0°10′08 -5563 Nov 09 j 02:57 minimum elong direct 9°**m**21'11 -5565 May 23 j 04:39 16°**Y**46′54 behind sun begin greatest brilliancy -5563 Nov 18 j 22:18 11° Mp 12'08 -4.9m -5565 May 24 j 15:08 18°**Ƴ**33'41 behind sun end -5563 Dec 16 j 19:07 0∘**⊽** -5565 Jun 02 j 20:34  $0^{\circ}$ 8 morning max el -5563 Dec 29 j 01:30 11°**△**34'29 46°23'08 -5565 Jun 26 j 22:55  $0^{\circ}II$ -5562 Jan 15 j 21:02 0°M evening rise -5565 Jun 28 j 22:08 2°**Ⅲ**27'17 -5562 Feb 12 j 00:25 0°**⊼** -5565 Jul 20 j 23:18 0ಂತಾ desc. node -5562 Feb 23 j 14:18 13°**х** 12′20 -5565 Aug 13 j 23:47  $0^{\circ}\Omega$ -5562 Mar 10 j 02:54 0°ರ -5565 Sep 07 j 02:32 0° m -5562 Apr 04 j 15:07 0°≈ -5565 Sep 08 j 15:34 -5562 Apr 29 j 16:29 0°) desc. node 1° m 54'47 -5565 Oct 01 j 09:41 -5562 May 24 j 08:29  $0^{\circ}\Upsilon$ 0∘**⊽** -5565 Oct 26 j 00:13  $0^{\circ}M$ -5562 Jun 16 j 04:32 28°Y09'07 asc. node -5565 Nov 20 i 04:43 0°×7 -5562 Jun 17 j 16:16 0°8 -5565 Dec 16 j 16:16 0°정 -5562 Jun 24 j 12:35 8°830'38 morning set -5565 Dec 30 i 06:37 14°る16'54 -5562 Jul 11 j 17:21  $0^{\circ}II$ asc. node -5564 Jan 02 i 04:36 17°る11'41 45°45'32 max. Earth dist. -5562 Jul 29 j 07:45 22°**II**06'58 1.71253 AU evening max el -5564 Jan 15 i 23:47 0°≈≈ 15°≈59'15 -4.7m -5562 Aug 01 i 00:57 -5564 Feb 09 j 12:08 25°II32'14 1°20'26 greatest brilliancy superior conj -5564 Feb 20 j 07:23 -5562 Jul 31 i 19:45 25° II 15'52 1°20'41 retrograde 18°≈07'41 minimum elong -5562 Aug 04 j 13:58 0ಂತಾ evening set -5564 Mar 08 j 13:42 12°≈25'59 -5564 Mar 12 j 19:11 9°≈48'25 7°09'35 -5562 Aug 28 j 08:55  $0^{\circ}\Omega$ inferior conj -5564 Mar 13 j 02:37 9°**≈**36'37 7°08'20 evening rise -5562 Sep 09 j 18:59 15°**Ω**38'53 minimum elong -5564 Mar 13 j 08:22 9°**≈**27'31 0.29462 AU -5562 Sep 21 j 04:52 0° m min. Earth dist. -5564 Mar 17 j 15:25 6°≈48'10 -5562 Oct 06 j 04:08 18° Mp 46'11 morning rise desc. node -5562 Oct 15 j 03:42 0∘Ω direct -5564 Apr 03 j 14:43 1°≈18'50 0°M greatest brilliancy -5564 Apr 14 j 00:21 3°**≈**14'45 -4.7m -5562 Nov 08 j 06:33 0°**∡**7 desc. node -5564 Apr 20 j 10:25 6°≈04'41 -5562 Dec 02 j 14:51 0°정 -5564 May 21 j 07:25 0°**₩** -5562 Dec 27 j 07:56 morning max el -5564 May 22 j 16:26 1°**H**18'45 45°59'08 -5561 Jan 21 j 16:57 0°≈  $0^{\circ}\Upsilon$ -5564 Jun 19 j 06:53 asc. node -5561 Jan 26 j 18:08 5°≈49'31 -5564 Jul 15 j 13:22 0°8 -5561 Feb 17 j 08:54 0°**)**€ -5564 Aug 09 j 13:27  $\Pi$ °0 evening max el -5561 Mar 14 j 05:19 25°\(\mathbf{\psi}\)25'56 45°03'16 1°**I**I54'42 -5561 Mar 19 j 03:20  $0^{\circ}\Upsilon$ asc. node -5564 Aug 11 j 03:01 22°**Y**23'34 -4.7m -5564 Sep 02 j 20:34 0ಂತಾ greatest brilliancy -5561 Apr 20 j 19:52

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 69 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
retrograde	-5561 May 01 j 07:07	24° <b>Y</b> 19'21		superior conj	-5559 Oct 16 j 03:02	13° <b>m</b> 07'43	0°39'14
evening set	-5561 May 16 j 01:50	20° <b>Y</b> 12′05		minimum elong	-5559 Oct 16 j 12:43	13° <b>m</b> 38'10	0°38'56
desc. node	-5561 May 18 j 21:27	18° <b>Ƴ</b> 37'53		max. Earth dist.	-5559 Oct 21 j 05:03	19° <b>m</b> 31'12	1.71088 AU
inferior conj	-5561 May 22 j 13:29	16° <b>Y</b> 25′26	-0°51'27		-5559 Oct 29 j 13:25	0∘ <b>⊽</b>	
minimum elong	-5561 May 22 j 11:35	16° <b>Y</b> ′28′21	0°50'49	desc. node	-5559 Nov 02 j 16:55	5° <b>≙</b> 11'47	
min. Earth dist.	-5561 May 23 j 05:36	16° <b>Ƴ</b> 00'47	0.28312 AU		-5559 Nov 22 j 13:26	0° <b>M</b>	
morning rise	-5561 May 28 j 20:34	12° <b>Y</b> ′43′12		evening rise	-5559 Nov 27 j 21:08	6° <b>M</b> ₊37'30	
direct	-5561 Jun 13 j 04:39	8° <b>Y</b> 16'25			-5559 Dec 16 j 17:08	0° <b>∡</b> ¹	
greatest brilliancy	-5561 Jun 24 j 10:06	10° <b>Y</b> ′32'51	-4.8m		-5558 Jan 10 j 01:03	0°₹	
	-5561 Jul 22 j 17:06	$0^{\circ}$ 8			-5558 Feb 03 j 14:55	0°≈	
morning max el	-5561 Aug 02 j 04:17	9° <b>8</b> 57'52	46°32'38	asc. node	-5558 Feb 23 j 06:09	23° <b>≈</b> 39′09	
	-5561 Aug 21 j 03:54	$\Pi$ $^{\circ}0$			-5558 Feb 28 j 13:50	0° <b>ℋ</b>	
asc. node	-5561 Sep 08 j 14:35	21° <b>Ⅱ</b> 01'51			-5558 Mar 26 j 02:36	$0$ ° $\Upsilon$	
	-5561 Sep 16 j 05:14	$0$ $\circ$ $\odot$			-5558 Apr 21 j 13:51	0°8	
	-5561 Oct 11 j 00:55	$0$ $^{\circ}$ $\Omega$			-5558 May 19 j 23:11	$\Pi$ $\circ$ 0	
	-5561 Nov 04 j 09:19	0° <b>m</b>		evening max el	-5558 May 25 j 04:54	5° <b>Ⅱ</b> 07'23	45°56'25
	-5561 Nov 28 j 15:29	0∘ <b>⊽</b>		desc. node	-5558 Jun 15 j 08:39	23° <b>Ⅲ</b> 28′23	
	-5561 Dec 22 j 23:21	$0^{\circ}$ M			-5558 Jun 25 j 05:50	$0$ $\circ$ $\odot$	
desc. node	-5561 Dec 29 j 16:20	8°M15'06		greatest brilliancy	-5558 Jul 04 j 07:51	4° <b>5</b> 07'39	-4.8m
	-5560 Jan 16 j 09:26	0° <b>∡</b> ¹		retrograde	-5558 Jul 13 j 16:13	5° <b>©</b> 43'45	
morning set	-5560 Feb 07 j 05:03	26° <b>х</b> ⁴44'58		evening set	-5558 Jul 31 j 04:18	0° <b>©</b> 03'32	
-	-5560 Feb 09 j 20:43	ರ°0			-5558 Jul 31 j 06:45	30° <b>Ŗ</b> Ⅱ	
	-5560 Mar 05 j 08:01	0° <b>≈</b>		inferior conj	-5558 Aug 03 j 12:59	28° <b>Ⅱ</b> 03'54	-8°43'53
max. Earth dist.	-5560 Mar 14 j 09:40	11° <b>≈</b> 07'21	1.73749 AU	minimum elong	-5558 Aug 03 j 08:18	28° <b>Ⅱ</b> 10′56	8°43'15
	J			min. Earth dist.	-5558 Aug 03 j 17:48	27° <b>II</b> 56'39	0.27034 AU
superior conj	-5560 Mar 15 j 06:16	12° <b>≈</b> 10'31	-1°10'08	morning rise	-5558 Aug 06 j 12:08	26° <b>Ⅱ</b> 17'41	
minimum elong	-5560 Mar 15 j 13:56	12° <b>≈</b> 34'04		direct	-5558 Aug 24 j 05:10	20° <b>I</b> I21'26	
	-5560 Mar 29 j 18:45	0° <b>)</b> €		greatest brilliancy	-5558 Sep 04 j 00:54	22° <b>I</b> I32'46	-4.9m
evening rise	-5560 Apr 20 j 03:55	26° <b>¥</b> 16'07		greatest oriniane)	-5558 Sep 17 j 07:13	0°95	,
asc. node	-5560 Apr 20 j 05:07	26° <b>)</b> 19'49		asc. node	-5558 Oct 06 j 01:45	15° <b>©</b> 58'59	
use. Houe	-5560 Apr 23 j 04:45	0°Υ		morning max el	-5558 Oct 13 j 23:45	23°951'21	46°50'12
	-5560 May 17 j 14:11	0°8		morning max or	-5558 Oct 19 j 21:00	0° <b>Ω</b>	10 30 12
	-5560 Jun 10 j 23:36	0°II			-5558 Nov 15 j 18:07	0° <b>m</b> )	
	-5560 Jul 05 j 10:20	0°©			-5558 Dec 11 j 07:10	0∘ <b>⊽</b>	
	-5560 Jul 30 j 00:50	0° <b>U</b>			-5557 Jan 05 j 10:16	o <b>−</b> 0° <b>n</b>	
desc. node	-5560 Aug 10 j 05:23	13° <b>Ω</b> 31'44		desc. node	-5557 Jan 26 j 04:30	24°ML55'07	
dese. Hode	-5560 Aug 23 j 23:03	0° mp		desc. Hode	-5557 Jan 30 j 09:55	0° <b>×</b> <sup>7</sup>	
	-5560 Sep 18 j 12:38	0∘ <del>ت</del> مار			-5557 Feb 24 j 07:09	0°ਤ	
	-5560 Oct 15 j 14:30	0° <b>™</b>			-5557 Mar 21 j 01:18	0°≈	
evening max el	-5560 Oct 20 j 05:35	4° <b>ጤ</b> 48'17	47°18'16		-5557 Apr 14 j 15:36	0° <b>∺</b>	
evening max er	-5560 Nov 17 j 16:25	4 11048 17 0° <b>₹</b>	47 18 10	morning set	-5557 Apr 16 j 03:10	1° <b>∺</b> 48'53	
greatest brilliancy	-5560 Nov 29 j 07:57	6° <b>∡</b> ¹26'49	-4.9m	morning set	-5557 May 09 j 01:40	0° <b>Υ</b>	
asc. node	-5560 Nov 30 j 21:37	7° <b>х</b> 2049	-4.9111	max. Earth dist.	-5557 May 17 j 18:01	10° <b>Υ</b> 43'03	1.73054 AU
retrograde	-5560 Dec 10 j 05:21	8° <b>×</b> <sup>7</sup> 42'42		asc. node	-5557 May 18 j 18:01	10 <b>γ</b> 43 03	1./3034 AU
evening set	-5560 Dec 26 j 03:36	3°×36'12		asc. Houe	-3337 Way 16 J 16.01	11 13/14	
•			0.20200 411	aumorior comi	5557 May 21 : 19.50	15° <b>Ƴ</b> 42'26	0°07'07
min. Earth dist.	-5560 Dec 30 j 07:59	1° <b>х</b> 00'09 0° <b>х</b> 21'52	0.28298 AU	superior conj	-5557 May 21 j 18:50	15° <b>γ</b> 42′26 15° <b>γ</b> 38′04	0°07'07 0°07'08
inferior conj	-5560 Dec 31 j 07:50	0° <b>x</b> 21 32 0° <b>x</b> 36'07	6°25'29	minimum elong	-5557 May 21 j 17:25	13 <b>γ</b> 38 04 14° <b>γ</b> 36'16	0 0708
minimum elong	-5560 Dec 30 j 22:57		0-23-33	behind sun begin	-5557 May 20 j 21:27	14° <b>Y</b> 36°16 16° <b>Y</b> 39'54	
	-5560 Dec 31 j 21:28	30°RM 27°M 24121		behind sun end	-5557 May 22 j 13:24		
morning rise	-5559 Jan 04 j 18:59	27°M34'21			-5557 Jun 02 j 07:37	$\mathfrak{B}_{\circ 0}$	
direct	-5559 Jan 21 j 08:39	22°M13'22	4.0		-5557 Jun 26 j 10:09		
greatest brilliancy	-5559 Jan 30 j 01:46	23°M38'00	-4.8m	evening rise	-5557 Jun 26 j 15:46	0° <b>Ⅱ</b> 17'31	
	-5559 Feb 12 j 03:06	0° ∡¹	45052122		-5557 Jul 20 j 10:46	0°€	
morning max el	-5559 Mar 11 j 02:09	22° <b>₹</b> 05'28	45°53'23		-5557 Aug 13 j 11:32	0° <b>N</b>	
1 1	-5559 Mar 19 j 04:29	0°る		1 1	-5557 Sep 06 j 14:37	0°M)	
desc. node	-5559 Mar 23 j 01:36	3°₹55'00		desc. node	-5557 Sep 07 j 17:37	1° m/23'38	
	-5559 Apr 16 j 12:25	0° <b>≈</b>			-5557 Sep 30 j 22:12	0∘ <b>w</b>	
	-5559 May 12 j 22:49	0° <b>)</b> €			-5557 Oct 25 j 13:26	0° <b>M</b> 0° <b>₹</b>	
	-5559 Jun 07 j 08:52	0° <b>Υ</b>			-5557 Nov 19 j 19:16	0° <b>∡</b> ¹	
	-5559 Jul 02 j 02:19	0°8		,	-5557 Dec 16 j 09:56	0°る	
asc. node	-5559 Jul 13 j 17:04	14° <b>8</b> 19'15		asc. node	-5557 Dec 29 j 08:49	13° <b>る</b> 29'52	45040124
,	-5559 Jul 26 j 07:43	0°П	2.0	evening max el	-5557 Dec 30 j 20:40	14° <b>る</b> 59'06	45°48'34
greatest brilliancy	-5559 Aug 18 j 20:03	29° <b>Ⅱ</b> 31'11	-3.9m	,	-5556 Jan 16 j 06:09	0° <b>≈</b>	4.7
	-5559 Aug 19 j 05:11	0°©		greatest brilliancy	-5556 Feb 07 j 04:28	13°≈51'26	-4.7m
morning set	-5559 Sep 04 j 22:45	21°507'59		retrograde	-5556 Feb 18 j 01:22	16°≈01'20	
	-5559 Sep 11 j 23:00	0° <b>N</b>		evening set	-5556 Mar 06 j 08:59	10°≈15'59	7010104
	-5559 Oct 05 j 16:56	0° <b>m</b> )		inferior conj	-5556 Mar 10 j 12:30	7° <b>≈</b> 41'11	7°18'04

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5556 Mar 10 j 19:34 7°≈29'58 7°16'56 -5554 Aug 04 j 01:09 0ಂತಾ minimum elong -5556 Mar 11 j 00:13 -5554 Aug 27 j 20:14  $0^{\circ}\Omega$ min. Earth dist. 7°≈22'36 0.29469 AU -5554 Sep 07 j 05:01 13°**Ω**03'28 -5556 Mar 15 j 06:06 4°≈44'58 morning rise evening rise -5556 Mar 25 j 23:15 30°Ŗる -5554 Sep 20 j 16:21 0° m 29°**ප**11'36 -5554 Oct 05 j 06:17 direct -5556 Apr 01 j 08:05 desc. node 18° Mp 16'40 -5556 Apr 07 j 22:22 0°≈ -5554 Oct 14 j 15:21 0∘ಹ greatest brilliancy -5556 Apr 11 j 15:29 1°≈06'04 -4.7m -5554 Nov 07 j 18:23 0°M desc. node -5556 Apr 19 j 12:34 4°≈42'19 -5554 Dec 02 j 02:58 0°**∡**7 morning max el -5556 May 20 j 09:51 29°≈11'58 45°58'15 -5554 Dec 26 j 20:35 0°ಕ -5556 May 21 j 05:50 0°**)**€ -5553 Jan 21 j 06:46 0°≈  $0^{\circ}\Upsilon$ -5556 Jun 18 j 22:45 asc. node -5553 Jan 25 j 20:13 5°≈14'55 -5556 Jul 15 j 03:01 0°8 -5553 Feb 17 j 01:31 0°**)**€ -5556 Aug 09 j 02:08  $0^{\circ}\Pi$ evening max el -5553 Mar 11 j 20:20 23°¥13'12 45°03'06 asc. node -5556 Aug 10 j 05:04 1°**Ⅲ**22'20 -5553 Mar 19 j 05:25  $0^{\circ}\Upsilon$ -5556 Sep 02 j 08:44 0ಂತಾ greatest brilliancy -5553 Apr 18 j 11:26 20°**Y**12′26 -4.7m -5556 Sep 26 j 07:04  $0^{\circ}\Omega$ retrograde -5553 Apr 28 j 21:38 22°Y07'35 -5556 Oct 20 j 03:12 0° m evening set -5553 May 13 j 17:35 17°Y59'25 -5556 Nov 13 j 01:07 0∘**⊽** desc. node -5553 May 17 j 23:43 15°**Y**34′03 morning set -5556 Nov 21 j 04:56 10°**£**11'38 inferior conj -5553 May 20 j 04:52 14°Υ13'09 -0°31'04 desc. node -5556 Nov 30 j 05:47 21°**£**27'35 minimum elong -5553 May 20 j 03:43 14°**Y**14'55 0°30'41 -5556 Dec 07 j 02:29 0°M min. Earth dist. -5553 May 20 j 21:56 13°**Y**46′59 0.28359 AU -5556 Dec 31 j 07:09 0°×7 -5553 May 26 j 12:59 10°**Y**28'52 morning rise -5553 Jun 10 j 20:03 6°**Y**03′07 direct -5555 Jan 01 j 17:43 1°**х** 46′53 -1°05′06 greatest brilliancy -5553 Jun 22 j 02:11 8°**Υ**19'24 -4.8m superior coni -5555 Jan 01 j 07:31 1° ₹ 15'21 1°05'05 -5553 Jul 22 j 20:01 0°8 minimum elong -5555 Jan 05 j 00:44 max. Earth dist. 5°**尽**51'09 1.72754 AU -5553 Jul 30 j 18:04 7°**8**36'58 46°31'30 morning max el -5555 Jan 24 j 14:24 0°궁 -5553 Aug 20 j 21:11 0°Π 19°る28'20 -5553 Sep 07 j 16:50 20°**Ⅲ**24'27 -5555 Feb 09 j 10:10 evening rise asc. node -5555 Feb 17 j 23:58 -5553 Sep 15 j 19:39 0ംഉ 0°≈≈ 4°**≈**27'16 -5553 Oct 10 j 14:04 greatest brilliancy -5555 Feb 21 j 15:09 0° $\Omega$ -3.9m 0° m -5555 Mar 14 j 12:23 0° <del>)(</del> -5553 Nov 03 j 21:47 -5555 Mar 22 j 18:36 10°**)**€03'47 -5553 Nov 28 j 03:31 0∘Ω asc. node  $0^{\circ}\Upsilon$ -5555 Apr 08 j 04:38 -5553 Dec 22 j 11:02 0°M -5555 May 03 j 01:58 0°8 -5553 Dec 28 j 18:22 desc. node 7°M45'42 -5555 May 28 j 06:30  $0^{\circ}\Pi$ -5552 Jan 15 j 20:49 0° ×7 -5555 Jun 22 j 23:05 000 morning set -5552 Feb 04 j 20:28 24°**х** 30′57 desc. node -5555 Jul 12 j 19:44 22°528'16 -5552 Feb 09 j 07:50 0°궁 -5555 Jul 19 j 16:24  $0^{\circ}\Omega$ -5552 Mar 04 j 19:00 -5555 Aug 07 j 03:10 19° Ω 19'30 47°26'20 max. Earth dist. -5552 Mar 12 j 05:43 9°≈08'04 1.73740 AU evening max el -5555 Aug 18 j 06:44 0° m greatest brilliancy -5555 Sep 17 j 08:28  $20^{\circ}$  Mp 35'13superior conj -5552 Mar 13 j 00:35 10°≈05'55 -1°11'43 -4.9m -5555 Sep 26 j 20:37 22° m 18'51 -5552 Mar 13 j 08:00 retrograde minimum elong 10°≈28'41 1°11'49 -5555 Oct 12 j 02:34 17° m 39'29 -5552 Mar 29 j 05:42 evening set 0° <del>)(</del> -5555 Oct 17 j 10:09 14° m/28'38 -3°58'49 -5552 Apr 17 j 23:22 24°**)** 14'29 inferior conj evening rise -5552 Apr 19 j 07:22 25° <del>X</del> 52'49 minimum elong -5555 Oct 17 j 18:19 14° Mp 16'05 3°56'20 asc. node  $0^{\circ}\Upsilon$ min. Earth dist. -5555 Oct 17 i 03:19 14° m 39'10 0.26497 AU -5552 Apr 22 j 15:48 morning rise -5555 Oct 23 i 10:29 10° m 56'41 -5552 May 17 j 01:27 0°8 asc. node -5555 Nov 02 j 12:43 7° m 13'19 -5552 Jun 10 j 11:12  $\Pi^{\circ}0$ direct -5555 Nov 06 i 15:55 6° m 51'55 -5552 Jul 04 j 22:25 0ಂತಾ  $0^{\circ}\Omega$ greatest brilliancy -5555 Nov 16 j 11:13 8° m 43'08 -5552 Jul 29 j 13:38 -4 9m -5555 Dec 17 j 00:45 -5552 Aug 09 j 07:30 12°**Ω**58'24 0∘ഹ desc node 9°**Ω**11'59 46°24'22 -5552 Aug 23 j 12:58 morning max el -5555 Dec 26 j 15:27 O° m 0°M -5552 Sep 18 j 04:33

0∘Ω

0°M

0°×7

5° **₹** 12'35

6°**х** 25′58

1°**х** 23′43

28°**M**44′26

 $28^{\circ}$  ML 05'58

 $28^{\circ}$ M $_{2}0'24$ 

25°M15'06

19°M58'35

21°M23'51 -4.8m

30°RM

2°M25'52 47°20'26

0.28224 AU

6°12'43

6°10'41

4°**∡**11′07 -4.9m

-5552 Oct 15 j 11:21

-5552 Oct 17 j 19:55

-5552 Nov 18 j 20:56

-5552 Nov 27 j 01:24

-5552 Nov 29 j 23:48

-5552 Dec 07 j 21:11

-5552 Dec 23 j 16:56

-5552 Dec 26 j 00:03

-5552 Dec 27 j 23:42

-5552 Dec 28 j 23:42

-5552 Dec 28 j 14:42

-5551 Jan 02 j 13:07

-5551 Jan 18 j 23:00

-5551 Jan 27 j 17:14

evening max el

greatest brilliancy

asc. node

retrograde

evening set

min. Earth dist.

minimum elong

greatest brilliancy

inferior conj

morning rise

-5554 Jan 15 j 15:16

-5554 Feb 11 j 15:09

-5554 Feb 22 j 16:23

-5554 Mar 09 j 15:58

-5554 Apr 04 j 03:14

-5554 Apr 29 j 04:03

-5554 May 23 j 19:45

-5554 Jun 15 j 06:43

-5554 Jun 17 j 03:24

-5554 Jun 22 j 05:49

-5554 Jul 11 j 04:28

-5554 Jul 26 j 15:22

-5554 Jul 29 j 15:47

-5554 Jul 29 j 09:57

desc. node

asc. node

morning set

max. Earth dist.

minimum elong

superior conj

0°×7

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 $0^{\circ}\Upsilon$ 

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 $0^{\circ}II$ 

27° **Y**41'22

6°**8**20'22

19°**Ⅲ**24'50

23°**Ⅲ**12'40

22°**Ⅲ**54'18 1°19'39

1.71307 AU

1°19'24

12°**∡**38′28

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 71 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom		0° <b>∡</b> ¹					
	-5551 Feb 13 j 02:39 -5551 Mar 08 j 16:37	0 <b>x</b> . 19° <b>∡</b> 751'01	45054101		-5549 Jun 25 j 21:07 -5549 Jul 19 j 21:59	0°© 0°∏	
morning max el		0° <b>궁</b>	43 3401		3	0° <b>U</b>	
desc. node	-5551 Mar 19 j 00:19 -5551 Mar 22 j 03:50	0 3 3° <b>る</b> 12'22			-5549 Aug 12 j 23:02 -5549 Sep 06 j 02:26	0° <b>m</b> )	
desc. node	•	0°≈		desc. node	-5549 Sep 06 j 19:49	0° Mp 53'46	
	-5551 Apr 16 j 03:24 -5551 May 12 j 11:53	0 <b>≈</b> 0° <b>∺</b>		desc. node	-5549 Sep 30 j 10:28	0° <b>⊽</b>	
		0° <b>Υ</b>			-5549 Oct 25 j 02:25	0°M	
	-5551 Jun 06 j 20:58	0°8				0° <b>⊼</b>	
asc. node	-5551 Jul 01 j 13:55 -5551 Jul 12 j 19:05	13° <b>8</b> 50'00			-5549 Nov 19 j 09:35 -5549 Dec 16 j 03:35	0°る	
asc. node	-5551 Jul 25 j 19:03	0° <b>Ⅱ</b>		asc. node	-5549 Dec 28 j 10:53	0 3 12° <b>る</b> 42'48	
araataat brillianay	3		-3.9m		-5549 Dec 28 j 10:33	12 <b>3</b> 4248 12° <b>る</b> 48'37	15051120
greatest brilliancy	-5551 Aug 18 j 15:52 -5551 Aug 18 j 16:24	29 <b>11</b> 38 19	-3.9111	evening max el	-5548 Jan 16 j 14:32	0°≈	43 31 28
morning set	-5551 Sep 02 j 10:39	18°938'29		greatest brilliancy	-5548 Feb 04 j 20:56	0 ≈ 11°≈44'25	-4.7m
morning set		0°Ω			-5548 Feb 15 j 19:03	11 ≈44 23 13°≈55'09	-4. /111
	-5551 Sep 11 j 10:11	0° <b>m</b> )		retrograde	-5548 Mar 04 j 04:03	8°≈06'36	
	-5551 Oct 05 j 04:06	V III		evening set inferior conj	-5548 Mar 08 j 05:40		7°26'03
superior conj	-5551 Oct 13 j 12:07	10° <b>m</b> 30'08	0°42'42	minimum elong	-5548 Mar 08 j 12:19		7°25'01
	-5551 Oct 13 j 22:23	-					
minimum elong max. Earth dist.	,	11° Mp 02'27	0°42'24	min. Earth dist.	-5548 Mar 08 j 15:50	5°≈18'07	0.29476 AU
max. Earth dist.	-5551 Oct 18 j 07:29	•	1.71050 AU	morning rise	-5548 Mar 12 j 20:36	2°≈41'55	
	-5551 Oct 29 j 00:35	0° <b>⊽</b>		Ľ.	-5548 Mar 17 j 21:22	30°Rる	
desc. node	-5551 Nov 01 j 19:07	4° <b>£</b> 43'41		direct	-5548 Mar 30 j 01:34	27°る04'48	4.7
	-5551 Nov 22 j 00:36	0°M,		greatest brilliancy	-5548 Apr 09 j 06:03	28° <b>る</b> 57'06	-4.7m
evening rise	-5551 Nov 25 j 07:18	4°M04'59			-5548 Apr 11 j 22:46	0°≈	
	-5551 Dec 16 j 04:21	0° <b>⊼</b>		desc. node	-5548 Apr 18 j 14:48	3°≈22'58	45055104
	-5550 Jan 09 j 12:24	್ತ		morning max el	-5548 May 18 j 02:57	27°≈05'03	45°57'24
	-5550 Feb 03 j 02:33	0° <b>≈</b>			-5548 May 21 j 03:12	0° <b>∺</b>	
asc. node	-5550 Feb 22 j 08:20	23°≈09'40			-5548 Jun 18 j 14:09	0° <b>Υ</b>	
	-5550 Feb 28 j 02:04	0° <b>∀</b>			-5548 Jul 14 j 16:17	0° <b>8</b>	
	-5550 Mar 25 j 16:00	0° <b>Ƴ</b>			-5548 Aug 08 j 14:25	0°II	
	-5550 Apr 21 j 05:40	0°₽		asc. node	-5548 Aug 09 j 07:20	0° <b>∏</b> 51'46	
	-5550 May 19 j 21:20	$0^{\circ}\Pi$			-5548 Sep 01 j 20:31	0ංම	
evening max el	-5550 May 22 j 18:11	2° <b>∐</b> 46'53	45°53'26		-5548 Sep 25 j 18:34	$0$ ° $\Omega$	
desc. node	-5550 Jun 14 j 10:42	22° <b>Ⅱ</b> 13'33			-5548 Oct 19 j 14:30	0° <b>m</b>	
	-5550 Jun 27 j 11:32	0ంత			-5548 Nov 12 j 12:17	0∘ <b>⊽</b>	
greatest brilliancy							
	-5550 Jul 01 j 18:22	1°5541'02	-4.8m	morning set	-5548 Nov 18 j 15:01	7° <b>≏</b> 38'35	
retrograde	-5550 Jul 11 j 04:55	3°518'46	-4.8m	morning set desc. node	-5548 Nov 18 j 15:01 -5548 Nov 29 j 07:46	20° <b>≏</b> 59'19	
	·		-4.8m	-			
	-5550 Jul 11 j 04:55	3°©18'46 30°R∏ 27°∏43'18		-	-5548 Nov 29 j 07:46	20° <b>≏</b> 59'19	
retrograde	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37	3°\$18'46 30°R∏		-	-5548 Nov 29 j 07:46	20° <b>≏</b> 59'19	-1°02'50
retrograde evening set	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05	3°⊊18'46 30°R∏ 27°∏43'18 25°∏38'28 25°∏46'46	-8°37'45	desc. node	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31	20° <b>£</b> 59'19 0° <b>IL</b>	
retrograde evening set inferior conj	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29	3°\$18'46 30°₹∏ 27°∏43'18 25°∏38'28	-8°37'45	desc. node	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30	20° <b>£</b> 59'19 0° <b>M</b> 29° <b>M</b> 24'16	
retrograde evening set inferior conj minimum elong	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Jul 31 j 19:57 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40	3°©18'46 30°RП 27°П43'18 25°П38'28 25°П46'46 25°П31'38 23°П49'31	-8°37'45 8°37'00	desc. node	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03	20° № 59'19 0° M. 29° M.24'16 28° M.51'57 0° 🗷	
retrograde  evening set inferior conj minimum elong min. Earth dist.	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Jul 31 j 19:57 -5550 Aug 01 j 06:02	3°©18'46 30°R∏ 27°∏43'18 25°∏38'28 25°∏46'46 25°∏31'38 23°∏49'31 17°∏55'12	-8°37'45 8°37'00 0.27072 AU	desc. node superior conj minimum elong	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03	20°₽59'19 0°M 29°M24'16 28°M51'57 0°\$ 3°\$\pi46'25 0°\$	1°02'46
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32	3°©18'46 30°RП 27°П43'18 25°П38'28 25°П46'46 25°П31'38 23°П49'31	-8°37'45 8°37'00 0.27072 AU	desc. node superior conj minimum elong	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16	20° № 59'19 0° M. 29° M.24'16 28° M.51'57 0° ₹ 3° ₹ 46'25	1°02'46
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Jul 31 j 19:57 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38	3°©18'46 30°R∏ 27°∏43'18 25°∏38'28 25°∏46'46 25°∏31'38 23°∏49'31 17°∏55'12	-8°37'45 8°37'00 0.27072 AU	desc. node superior conj minimum elong max. Earth dist.	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13	20°₽59'19 0°M 29°M24'16 28°M51'57 0°\$ 3°\$\pi46'25 0°\$	1°02'46
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32	3°\$18'46 30°\$∏ 27°∏43'18 25°∏38'28 25°∏46'46 25°∏31'38 23°∏49'31 17°∏55'12 20°∏07'04 0°\$ 15°\$01'25	-8°37'45 8°37'00 0.27072 AU	desc. node superior conj minimum elong max. Earth dist.	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34	20° \$\Delta 59'19 0° \$\mathbb{\text{TL}} 24'16 28° \$\mathbb{\text{TL}} 51'57 0° \$\mathbb{\text{TL}} 3° \$\mathbb{\text{TL}} 46'25 0° \$\mathrm{\text{TL}} 18'04 0° \$\approx 3° \$\approx 45'00	1°02'46
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Sep 18 j 03:44	3°\$18'46 30°\$\Pi 27°\Pi43'18 25°\Pi38'28 25°\Pi46'46 25°\Pi31'38 23°\Pi49'31 17°\Pi55'12 20°\Pi07'04 0°\Pi 15°\Pi01'25 21°\Pi26'56	-8°37'45 8°37'00 0.27072 AU	superior conj minimum elong max. Earth dist. evening rise	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 30 j 06:30 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 17 j 10:48	20° \$\tilde\$59'19 0° \$\tilde\$1.24'16 28° \$\tilde\$1.51'57 0° \$\tilde\$7 3° \$\tilde\$446'25 0° \$\tilde\$1.7° \$\tilde\$18'04 0° \$\tilde\$3° \$\tilde\$45'00 0° \$\tilde\$\$	1°02'46 1.72697 AU
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retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Sep 18 j 03:44 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 Apr 14 j 02:28	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node desc. node evening max el greatest brilliancy	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 17 j 10:48 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jun 22 j 13:56 -5547 Jul 11 j 21:53 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13	20° \$\Pi\$59'19 0° \$\text{\text{\$\ti	1°02'46  1.72697 AU  -3.9m  47°24'11
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Sep 18 j 03:44 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 May 08 j 12:27	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node desc. node evening max el greatest brilliancy retrograde	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 17 j 10:48 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 Apr 07 j 16:01 -5547 May 27 j 19:34 -5547 Jun 22 j 13:56 -5547 Jul 11 j 21:53 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13 -5547 Sep 24 j 09:16	20° ₽59'19 0° N. 29° N.24'16 28° N.51'57 0° ♂ 3° ♂ 46'25 0° ♂ 17° ♂ 18'04 0° ≈ 3° ≈ 45'00 0° ₭ 9° ₭ 36'44 0° Ŷ 0° ₽ 0° ₽ 10° ₽ 21° \$46'40 0° \$\mathred{O}\$ 16° \$\mathred{O}\$56'43 0° \$\mathred{m}\$ 18° \$\mathred{m}\$06'46 19° \$\mathred{m}\$48'49	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 10 j 17:24 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 May 08 j 12:27 -5549 May 08 j 12:27	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node desc. node evening max el greatest brilliancy retrograde evening set	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 Apr 07 j 16:01 -5547 May 27 j 19:34 -5547 Jun 22 j 13:56 -5547 Jul 11 j 21:53 -5547 Aug 04 j 17:27 -5547 Aug 04 j 17:27 -5547 Sep 14 j 22:13 -5547 Sep 24 j 09:16 -5547 Oct 09 j 17:51	20°₽59'19 0°M 29°M24'16 28°M51'57 0°\$ 3°\$46'25 0°\$ 17°\$18'04 0°\$ 3°\$45'00 0°\$ 9°\$436'44 0°\$ 0°\$ 21°\$46'40 0°\$ 21°\$46'40 0°\$ 16°\$56'43 0°\$ 18°\$06'46 19°\$48'49 15°\$\$106'40	1°02'46 1.72697 AU -3.9m 47°24'11 -4.9m -4°20'30
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 10 j 17:24 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 May 08 j 12:27 -5549 May 08 j 12:27	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node desc. node evening max el greatest brilliancy retrograde evening set inferior conj	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jun 22 j 13:56 -5547 Jul 11 j 21:53 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13 -5547 Oct 09 j 17:51 -5547 Oct 14 j 22:36	20°₽59'19 0°M  29°M24'16 28°M51'57 0°\$ 3°\$46'25 0°\$ 17°\$18'04 0°\$ 3°\$45'00 0°\$ 9°\$436'44 0°\$ 0°\$ 10°\$ 21°\$46'40 0°\$ 16°\$56'43 0°\$ 18°\$06'46 19°\$48'49 15°\$06'40 11°\$59'41	1°02'46 1.72697 AU -3.9m 47°24'11 -4.9m -4°20'30
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set  max. Earth dist. asc. node	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Feb 23 j 18:32 -5549 Apr 13 j 22:16 -5549 Apr 14 j 02:28 -5549 May 08 j 12:27 -5549 May 15 j 16:06 -5549 May 17 j 20:07	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	desc. node  superior conj minimum elong  max. Earth dist.  evening rise  greatest brilliancy  asc. node  desc. node  evening max el  greatest brilliancy  retrograde  evening set inferior conj minimum elong	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 Apr 07 j 16:01 -5547 May 27 j 19:34 -5547 Jul 11 j 21:53 -5547 Jul 19 j 10:54 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13 -5547 Oct 09 j 17:51 -5547 Oct 14 j 22:36 -5547 Oct 15 j 07:20	20°₽59'19 0°M 29°M24'16 28°M51'57 0° 3° ¾46'25 0° 5 17° ₹18'04 0° 8 3° ≈45'00 0° ₩ 9° ₩36'44 0° Υ 0° ¥ 0° ¶ 0° 21° \$246'40 0° \$2 11° \$246'40 0° \$2 11° \$26'43 0° \$3 16° \$256'43 0° \$3 18° \$36'44 11° \$36'44 11° \$36'44 11° \$36'44 11° \$36'44 11° \$36'44	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m  -4°20'30  4°17'54
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set  max. Earth dist. asc. node superior conj	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Mar 20 j 12:22 -5549 May 08 j 12:27 -5549 May 15 j 16:06 -5549 May 17 j 20:07	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	desc. node  superior conj minimum elong  max. Earth dist.  evening rise  greatest brilliancy  asc. node  desc. node  evening max el  greatest brilliancy  retrograde  evening set inferior conj minimum elong min. Earth dist.	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jul 11 j 21:53 -5547 Jul 19 j 10:54 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13 -5547 Oct 09 j 17:51 -5547 Oct 15 j 07:20 -5547 Oct 14 j 16:45	20°₽59'19 0°M 29°M24'16 28°M51'57 0°\$ 3°\$46'25 0°\$ 17°\$18'04 0°\$ 3°\$45'00 0°\$ 45'00 0°\$ 9°\$436'44 0°\$ 0°\$ 21°\$46'40 0°\$ 21°\$46'40 0°\$ 16°\$56'43 0°\$ 18°\$06'46 19°\$48'49 15°\$06'40 11°\$59'41 11°\$12°\$108'42	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m  -4°20'30  4°17'54
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set  max. Earth dist. asc. node  superior conj minimum elong	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Nov 15 j 09:47 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Mar 20 j 12:22 -5549 May 18 j 16:06 -5549 May 19 j 13:32	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	desc. node  superior conj minimum elong  max. Earth dist.  evening rise greatest brilliancy  asc. node  desc. node  evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 20 j 12:12 -5547 Mar 13 j 23:23 -5547 Mar 21 j 20:49 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jul 12 j 21:53 -5547 Jul 19 j 10:54 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Sep 14 j 22:13 -5547 Oct 09 j 17:51 -5547 Oct 15 j 07:20 -5547 Oct 14 j 16:45 -5547 Oct 12 j 1:14	20°₽59'19 0°M.  29°M24'16 28°M51'57 0°\$\mathbb{Z}\$ 3°\$\mathbb{Z}\$46'25 0°\$\mathbb{Z}\$ 17°\$\mathbb{T}\$18'04 0°\$\mathbb{Z}\$ 9°\$\mathbb{Z}\$36'44 0°\$\mathbb{Z}\$ 0°\$\mathbb{Z}\$ 10°\$\mathbb{Z}\$ 21°\$\mathbb{Z}\$46'40 0°\$\mathbb{Z}\$ 16°\$\mathbb{Z}\$56'43 0°\$\mathbb{Z}\$ 18°\$\mathbb{Z}\$06'44 11°\$\mathbb{Z}\$59'41 11°\$\mathbb{Z}\$15°\$\mathbb{Z}\$08'42 8°\$\mathbb{Z}\$101	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m  -4°20'30  4°17'54
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set  max. Earth dist. asc. node  superior conj minimum elong behind sun begin	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 May 18 j 12:27 -5549 May 19 j 13:32 -5549 May 19 j 13:32 -5549 May 19 j 13:32 -5549 May 19 j 12:44 -5549 May 18 j 15:14	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node  desc. node evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise asc. node	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 17 j 10:48 -5547 Feb 20 j 12:12 -5547 Mar 21 j 20:49 -5547 Apr 07 j 16:01 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jul 19 j 10:54 -5547 Jul 19 j 10:54 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Oct 09 j 17:51 -5547 Oct 14 j 22:36 -5547 Oct 15 j 07:20 -5547 Oct 20 j 21:14 -5547 Nov 01 j 14:56	20°₽59'19 0°M 29°M24'16 28°M51'57 0°\$ 3°\$46'25 0°\$ 17°\$18'04 0°\$ 3°\$45'00 0°\$ 9°\$436'44 0°\$ 0°\$ 21°\$46'40 0°\$ 21°\$46'40 0°\$ 16°\$56'43 0°\$ 18°\$06'46 19°\$\$48'49 15°\$\$06'40 11°\$\$59'41 11°\$\$46'15 12°\$\$08'42 8°\$\$30'01 4°\$\$31'55	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m  -4°20'30  4°17'54  0.26479 AU
retrograde  evening set inferior conj minimum elong min. Earth dist. morning rise direct greatest brilliancy  asc. node morning max el  desc. node  morning set  max. Earth dist. asc. node  superior conj minimum elong behind sun begin	-5550 Jul 11 j 04:55 -5550 Jul 24 j 06:37 -5550 Jul 28 j 13:05 -5550 Aug 01 j 01:29 -5550 Aug 01 j 06:02 -5550 Aug 01 j 06:02 -5550 Aug 04 j 02:40 -5550 Aug 21 j 18:38 -5550 Sep 01 j 14:32 -5550 Oct 05 j 03:59 -5550 Oct 11 j 14:04 -5550 Oct 19 j 17:24 -5550 Dec 10 j 20:49 -5549 Jan 04 j 22:48 -5549 Jan 25 j 06:37 -5549 Jan 29 j 21:46 -5549 Feb 23 j 18:32 -5549 Mar 20 j 12:22 -5549 Apr 13 j 22:16 -5549 May 18 j 12:27 -5549 May 19 j 13:32 -5549 May 19 j 13:32 -5549 May 19 j 13:32 -5549 May 19 j 12:44 -5549 May 18 j 15:14 -5549 May 20 j 10:13	3°\$18'46 30°\$	-8°37'45 8°37'00 0.27072 AU -4.9m 46°50'32	superior conj minimum elong max. Earth dist. evening rise greatest brilliancy asc. node  desc. node  evening max el greatest brilliancy retrograde evening set inferior conj minimum elong min. Earth dist. morning rise asc. node direct	-5548 Nov 29 j 07:46 -5548 Dec 06 j 13:31 -5548 Dec 29 j 20:03 -5548 Dec 30 j 18:03 -5548 Dec 30 j 18:03 -5547 Jan 02 j 19:16 -5547 Jan 24 j 01:13 -5547 Feb 07 j 02:34 -5547 Feb 17 j 10:48 -5547 Feb 20 j 12:12 -5547 Mar 21 j 20:49 -5547 Apr 07 j 16:01 -5547 May 02 j 14:00 -5547 May 27 j 19:34 -5547 Jul 11 j 21:53 -5547 Jul 19 j 10:54 -5547 Aug 04 j 17:27 -5547 Aug 18 j 13:19 -5547 Oct 14 j 22:13 -5547 Oct 14 j 22:36 -5547 Oct 14 j 16:45 -5547 Nov 01 j 14:56 -5547 Nov 04 j 04:30	20°₽59'19 0°M  29°M24'16 28°M51'57 0°\$ 3°\$46'25 0°\$ 17°\$18'04 0°\$ 9°\$45'00 0°\$ 9°\$45'44 0°\$ 0°\$ 21°\$46'40 0°\$ 21°\$46'40 0°\$ 16°\$56'43 0°\$ 18°\$06'46 19°\$\$48'49 15°\$\$06'40 11°\$\$12°\$\$08'42 8°\$\$30'01 4°\$\$31'55 4°\$\$23'45	1°02'46  1.72697 AU  -3.9m  47°24'11  -4.9m  -4°20'30  4°17'54  0.26479 AU

		-		ounting style is the year	5900 BCE in historical c		
morning max el	-5547 Dec 24 j 04:35	6° <b>≙</b> 48'11	46°25'39		-5544 Jul 04 j 10:27	0°99	
	-5546 Jan 15 j 08:44	0° <b>M</b> 0° <b>₹</b>			-5544 Jul 29 j 02:27	0°Ω	
dasa nada	-5546 Feb 11 j 05:21	0° <b>∡</b> ¹ 12° <b>∡</b> ¹06'17		desc. node	-5544 Aug 08 j 09:42	12° <b>Ω</b> 25'15 0° <b>m</b> )	
desc. node	-5546 Feb 21 j 18:37 -5546 Mar 09 j 04:34	12° <b>x</b> ′06'17			-5544 Aug 23 j 02:58 -5544 Sep 17 j 20:41	0ം <b>⊽</b>	
	-5546 Apr 03 j 14:58	0°≈			-5544 Oct 15 j 08:50	0° <b>™</b>	
	-5546 Apr 28 j 15:17	0° <b>∺</b>		evening max el	-5544 Oct 15 j 10:21	0°ML03'53	47°22'47
	-5546 May 23 j 06:44	oγ o°Υ		evening max or	-5544 Nov 20 j 14:06	0° <b>₹</b>	1, 22 1,
asc. node	-5546 Jun 14 j 08:45	27° <b>Υ</b> 13'54		greatest brilliancy	-5544 Nov 24 j 18:20	1° <b>х</b> 54'43	-4.9m
	-5546 Jun 16 j 14:17	0°B		asc. node	-5544 Nov 29 j 01:53	3° <b>∡</b> 19'06	
morning set	-5546 Jun 19 j 22:51	4° <b>8</b> 10'15		retrograde	-5544 Dec 05 j 13:12	4° <b>₹</b> 09'14	
	-5546 Jul 10 j 15:21	$\Pi$ °0			-5544 Dec 19 j 19:23	30°RM₊	
max. Earth dist.	-5546 Jul 23 j 23:33	16° <b>Ⅱ</b> 45′18	1.71361 AU	evening set	-5544 Dec 21 j 06:11	29°M10'45	
				min. Earth dist.	-5544 Dec 25 j 15:09	26°M28'44	0.28148 AU
superior conj	-5546 Jul 27 j 06:29	20° <b>Ⅱ</b> 53'34		inferior conj	-5544 Dec 26 j 15:25	25°M49'54	5°59'17
minimum elong	-5546 Jul 27 j 00:05	20° <b>Ⅱ</b> 33'24	1°18'27	minimum elong	-5544 Dec 26 j 06:22	26°M04'23	5°57'09
	-5546 Aug 03 j 12:05	0°®		morning rise	-5544 Dec 31 j 07:12	22°M55'47	
	-5546 Aug 27 j 07:16	0°N		direct	-5543 Jan 16 j 13:14	17°M43'29	
evening rise	-5546 Sep 04 j 15:05	10° <b>Ω</b> 29'08		greatest brilliancy	-5543 Jan 25 j 08:27	19°M09'34	-4.8m
	-5546 Sep 20 j 03:32	0° Mp			-5543 Feb 13 j 19:58	0°⊀ 170 <b>₹</b> 20150	45054140
desc. node	-5546 Oct 04 j 08:24	17° <b>m</b> 48'01		morning max el	-5543 Mar 06 j 07:58	17° <b>∡</b> 138'58	45°54'42
	-5546 Oct 14 j 02:42	0° <b>៤</b> 0° <b>೦</b>		desc. node	-5543 Mar 18 j 19:26 -5543 Mar 21 j 05:56	0°る 2°る30'18	
	-5546 Nov 07 j 05:56 -5546 Dec 01 j 14:49	0° <b>⊼</b>		desc. node	-5543 Apr 15 j 18:05	2 <b>3</b> 30 18 0° <b>≈</b>	
	-5546 Dec 26 j 09:00	0° <b>੨</b>			-5543 May 12 j 00:44	0° <b>∺</b>	
	-5545 Jan 20 j 20:23	0° <b>≈</b>			-5543 Jun 06 j 08:55	0° <b>Υ</b>	
asc. node	-5545 Jan 24 j 22:30	4° <b>≈</b> 41'37			-5543 Jul 01 j 01:23	0°8	
	-5545 Feb 16 j 18:05	0° <b>)</b> €		asc. node	-5543 Jul 11 j 21:20	13° <b>8</b> 21'49	
evening max el	-5545 Mar 09 j 10:44	20° <b>¥</b> 59'57	45°03'03		-5543 Jul 25 j 06:18	0° <b>I</b> I	
	-5545 Mar 19 j 08:34	$0^{\circ}$ $\Upsilon$			-5543 Aug 18 j 03:36	0°ഇ	
greatest brilliancy	-5545 Apr 16 j 02:29	18° <b>Ƴ</b> 01'43	-4.7m	greatest brilliancy	-5543 Aug 18 j 07:04	0°ණ10'58	-3.9m
retrograde	-5545 Apr 26 j 12:11	19° <b>Ƴ</b> 57'02		morning set	-5543 Aug 30 j 22:25	16° <b>©</b> 08'34	
evening set	-5545 May 11 j 09:27	15° <b>Ƴ</b> 47'18			-5543 Sep 10 j 21:23	$0^{\circ}\Omega$	
desc. node	-5545 May 17 j 01:45	12° <b>Ƴ</b> 30′07			-5543 Oct 04 j 15:20	0° <b>m</b> )	
inferior conj	-5545 May 17 j 20:15	12° <b>Y</b> ′01'47					
minimum elong	-5545 May 17 j 19:51	12° <b>Y</b> ′02′23		superior conj	-5543 Oct 10 j 20:42	7° <b>m</b> 50'44	
transit middle	-5545 May 17 j 19:51	12°Υ02'23	0°10'38	minimum elong	-5543 Oct 11 j 07:29	8° Mp 24'39	
transit begin	-5545 May 17 j 16:45	12° <b>Υ</b> 07'08 11° <b>Υ</b> 57'38		max. Earth dist.	-5543 Oct 15 j 10:34	13° <b>m</b> 36'29	1.71014 AU
transit end min. Earth dist.	-5545 May 17 j 22:57 -5545 May 18 j 14:19	11° <b>γ</b> 3/38	0.28413 AU	desc. node	-5543 Oct 28 j 11:48 -5543 Oct 31 j 21:07	0° <b>죠</b> 4° <b>요</b> 14'47	
morning rise	-5545 May 24 j 05:17	8° <b>Υ</b> 15'47	0.26413 AU	desc. node	-5543 Nov 21 j 11:48	4 ==1447 0°M	
direct	-5545 Jun 08 j 11:22	3° <b>Υ</b> 50'26		evening rise	-5543 Nov 22 j 16:52	1°ML30'29	
greatest brilliancy	-5545 Jun 19 j 18:51	6° <b>Υ</b> 07'26	-4.8m	evening rise	-5543 Dec 15 j 15:35	0° <b>⊼</b> ¹	
greatest orimaney	-5545 Jul 22 j 21:21	0°8	1.0111		-5542 Jan 08 j 23:46	0°ਰ	
morning max el	-5545 Jul 28 j 08:24	5° <b>8</b> 17'58	46°30'20		-5542 Feb 02 j 14:13	0° <b>≈</b>	
C	-5545 Aug 20 j 13:59	$\Pi^{\circ}$		asc. node	-5542 Feb 21 j 10:32	22° <b>≈</b> 40'11	
asc. node	-5545 Sep 06 j 19:02	19° <b>Ⅱ</b> 47'34			-5542 Feb 27 j 14:21	0° <b>)</b>	
	-5545 Sep 15 j 09:46	0ංම			-5542 Mar 25 j 05:30	$0^{\circ}\mathbf{\Upsilon}$	
	-5545 Oct 10 j 02:57	$0^{\circ}\Omega$			-5542 Apr 20 j 21:44	$9^{\circ}$ 8	
	-5545 Nov 03 j 09:58	0° <b>m</b> )			-5542 May 19 j 20:20	$\Pi^{\circ}0$	
	-5545 Nov 27 j 15:16	0∘ <b>⊽</b>		evening max el	-5542 May 20 j 08:31	0° <b>Ⅱ</b> 29'16	45°50'31
	-5545 Dec 21 j 22:26	0°M₊		desc. node	-5542 Jun 13 j 12:51	20° <b>Ⅱ</b> 56'50	
desc. node	-5545 Dec 27 j 20:26	7° <b>M</b> ₊17'12		greatest brilliancy	-5542 Jun 29 j 04:40	29° <b>Ⅱ</b> 14'53	-4.8m
	-5544 Jan 15 j 07:56	0° <b>∡</b> ¹			-5542 Jul 01 j 18:20	0ಂತಾ	
morning set	-5544 Feb 02 j 11:43	22° <b>∡</b> 16'56		retrograde	-5542 Jul 08 j 17:47	0°954'14	
	-5544 Feb 08 j 18:45	5°0			-5542 Jul 15 j 11:45	30°RII	
E d Ed	-5544 Mar 04 j 05:46	0° <b>≈</b>	1 72720 ATT	evening set	-5542 Jul 25 j 21:48	25° <b>I</b> I23'57	0020142
max. Earth dist.	-5544 Mar 10 j 00:59	7° <b>≈</b> 06'59	1.73730 AU	inferior conj minimum elong	-5542 Jul 29 j 14:04	23° <b>Ⅱ</b> 13'30 23° <b>Ⅱ</b> 22'58	
superior conj	-5544 Mar 10 j 18:57	8° <b>≈</b> 02'04	-1°13'13	min. Earth dist.	-5542 Jul 29 j 07:46 -5542 Jul 29 j 18:10	23° <b>II</b> 22'38 23° <b>II</b> 07'21	0.27111 AU
minimum elong	-5544 Mar 10 j 18:57	8°≈23'54		min. Earth dist.	-5542 Aug 01 j 17:35	23° <b>II</b> 07'21' 21° <b>II</b> 21'14	0.2/111 AU
	-5544 Mar 28 j 16:27	0° <b>∺</b>	1 10 17	direct	-5542 Aug 19 j 08:38	15° <b>Ⅱ</b> 29'38	
evening rise	-5544 Apr 15 j 18:54	22° <b>∺</b> 13'53		greatest brilliancy	-5542 Aug 30 j 03:45	13 <b>Ⅱ</b> 2938	-4.9m
asc. node	-5544 Apr 18 j 09:27	25°\(\frac{15}{26}\)'00		5-1vs. crimancy	-5542 Sep 18 j 19:06	0°95	
	-5544 Apr 22 j 02:39	0° <b>Υ</b>		asc. node	-5542 Oct 04 j 06:08	14°904'34	
	33 1 1 1 pr 22   02.33	0 1					
	-5544 May 16 j 12:31	0°8		morning max el	-5542 Oct 09 j 04:31	19° <b>5</b> 02'30	46°50'32

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 73 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

	-5542 Nov 15 j 01:26	0° Mp			-5539 Apr 07 j 03:43	0°Υ	
	-5542 Dec 10 j 10:34	0∘ <b>⊽</b>			-5539 May 02 j 02:23	0°8	
	-5541 Jan 04 j 11:28	0° <b>M</b> .			-5539 May 27 j 09:03	0°II	
desc. node	-5541 Jan 24 j 08:51	23°M55'51			-5539 Jun 22 j 05:17	0°9	
	-5541 Jan 29 j 09:43	0° <b>∡</b> ¹		desc. node	-5539 Jul 11 j 00:09	21°9504'00	
	-5541 Feb 23 j 06:01	0°ರ			-5539 Jul 19 j 06:13	$0^{\circ}\Omega$	
	-5541 Mar 19 j 23:31	0° <b>≈</b>		evening max el	-5539 Aug 02 j 07:02	14° <b>Ω</b> 31'24	47°21'56
morning set	-5541 Apr 11 j 17:24	27° <b>≈</b> 45'18			-5539 Aug 18 j 22:38	0° <b>m</b> )	
	-5541 Apr 13 j 13:25	0° <b>∀</b>		greatest brilliancy	-5539 Sep 12 j 12:30	15° <b>m</b> 38'29	-4.9m
	-5541 May 07 j 23:21	$0^{\circ}\mathbf{\Upsilon}$		retrograde	-5539 Sep 21 j 21:30	17° <b>m</b> 18'30	
max. Earth dist.	-5541 May 13 j 12:40	6° <b>Y</b> 51'13	1.73146 AU	evening set	-5539 Oct 07 j 09:18	12°M 33'21	
asc. node	-5541 May 16 j 22:11	11° <b>Y</b> 03'00		inferior conj	-5539 Oct 12 j 11:11	9° <b>™</b> 30'34	-4°41'35
				minimum elong	-5539 Oct 12 j 20:24	9° <b>™</b> 16'22	4°38'53
superior conj	-5541 May 17 j 08:28	11° <b>Y</b> 34'47	0°01'01	min. Earth dist.	-5539 Oct 12 j 06:35	9° <b>m</b> 37'39	0.26464 AU
minimum elong	-5541 May 17 j 08:16	11° <b>Y</b> 34'10	0°01'02	morning rise	-5539 Oct 18 j 07:50	6° Mp 03′23	
behind sun begin	-5541 May 16 j 10:17	10° <b>Y</b> 26′15		asc. node	-5539 Oct 31 j 16:59	1° Mp 56'21	
behind sun end	-5541 May 18 j 06:15	12° <b>Ƴ</b> 42'07		direct	-5539 Nov 01 j 16:39	1° <b>™</b> 55'09	
	-5541 Jun 01 j 05:22	$0^{\circ}$ 8		greatest brilliancy	-5539 Nov 11 j 14:22	3° <b>™</b> 47'50	-4.9m
evening rise	-5541 Jun 22 j 03:18	26° <b>8</b> 00'21			-5539 Dec 17 j 06:15	0∘ <b>ত</b>	
	-5541 Jun 25 j 08:13	$\Pi$ $^{\circ}0$		morning max el	-5539 Dec 21 j 17:13	4° <b>£</b> 22'06	46°26'49
	-5541 Jul 19 j 09:18	$0$ $\circ$ $\odot$			-5538 Jan 15 j 02:09	$0^{\circ}$ M	
	-5541 Aug 12 j 10:38	$0 ^{\circ} \Omega$			-5538 Feb 10 j 19:46	0° <b>∡</b> ¹	
desc. node	-5541 Sep 05 j 21:55	0° Mp 23′09		desc. node	-5538 Feb 20 j 20:41	11° <b>∡</b> ³32'37	
	-5541 Sep 05 j 14:26	0° <b>m</b>			-5538 Mar 08 j 17:29	0°₹	
	-5541 Sep 29 j 22:59	0∘ <b>⊽</b>			-5538 Apr 03 j 03:01	0° <b>≈</b>	
	-5541 Oct 24 j 15:44	$0^{\circ}$ M.			-5538 Apr 28 j 02:49	0° <b>)</b>	
	-5541 Nov 19 j 00:23	0° <b>∡</b> ¹			-5538 May 22 j 18:00	$0$ ° $\mathbf{\gamma}$	
	-5541 Dec 15 j 22:02	0°ಕ		asc. node	-5538 Jun 13 j 10:57	26° <b>Ƴ</b> 46′07	
evening max el	-5541 Dec 26 j 05:45	10° <b>පි</b> 36'51	45°54'30		-5538 Jun 16 j 01:27	$9^{\circ}$ 8	
asc. node	-5541 Dec 27 j 13:12	11° <b>る</b> 54'33		morning set	-5538 Jun 17 j 15:54	1° <b>8</b> 59'24	
	-5540 Jan 17 j 02:31	0° <b>≈</b>			-5538 Jul 10 j 02:31	$\Pi^{\circ}0$	
greatest brilliancy	-5540 Feb 02 j 14:08	9° <b>≈</b> 37'16	-4.7m	max. Earth dist.	-5538 Jul 21 j 10:23	14° <b>Ⅱ</b> 13'13	1.71420 AU
retrograde	-5540 Feb 13 j 12:27	11° <b>≈</b> 47'59				_	
evening set	-5540 Mar 01 j 23:05	5° <b>≈</b> 56'39		superior conj	-5538 Jul 24 j 21:23	18° <b>Ⅲ</b> 34'10	
inferior conj	-5540 Mar 05 j 22:53	3°≈26'36	7°33'30	minimum elong	-5538 Jul 24 j 14:26	18° <b>Ⅱ</b> 12'20	1°17'07
minimum elong	-5540 Mar 06 j 05:04		7°32'34		-5538 Aug 02 j 23:20	$0 {\circ} {\mathfrak C}$	
min. Earth dist.	-5540 Mar 06 j 07:39	3° <b>≈</b> 12'39	0.29475 AU		-5538 Aug 26 i 18:30	(1°(1)	
morning rise					-5538 Aug 26 j 18:39		
	-5540 Mar 10 j 11:07	0° <b>≈</b> 37'57		evening rise	-5538 Sep 02 j 01:37	7° <b>Ω</b> 55'18	
	-5540 Mar 11 j 13:01	0°≈37'57 30°Ŗる		C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02	7° <b>Ω</b> 55'18 0° <b>m</b>	
direct	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53	0°≈37'57 30°Ŗප 24°ප57'26		evening rise desc. node	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26	7° <b>\O</b> 55'18 0° <b>m</b> 17° <b>m</b> 18'12	
direct greatest brilliancy	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35	0°≈37'57 30°Ŗීඊ 24°♂57'26 26°♂47'20	-4.7m	C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21	7° <b>Ω</b> 55'18 0° M 17° M 18'12 0° <b>Ω</b>	
greatest brilliancy	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37	0°≈37'57 30°Rීට 24°♂57'26 26°♂47'20 0°≈		C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45	7° <b>Ω</b> 55'18 0° m 17° m 18'12 0° <del>Ω</del> 0° m	
greatest brilliancy desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53	0°≈37'57 30°Rප 24°ප57'26 26°ප47'20 0°≈ 2°≈05'07	-4.7m	C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56	7° <b>Ω</b> 55'18 0° my 17° my 18'12 0° <u>Ω</u> 0° mL 0° <b>X</b>	
greatest brilliancy	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49		C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44	7° \$\alpha 55'18 0° m; 17° m; 18'12 0° \alpha 0° \text{\$\alpha\$} 0° \text{\$\alpha\$} 0° \text{\$\alpha\$}	
greatest brilliancy desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°¥	-4.7m	desc. node	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27	7° \$\alpha 55'18 0° \$\text{m}\$ 17° \$\text{m}\$ 18'12 0° \$\sigma\$ 0° \$\text{m}\$ 0° \$\frac{1}{2}\$ 0° \$\frac{1}{2}\$ 0° \$\frac{1}{2}\$ 0° \$\frac{1}{2}\$	
greatest brilliancy desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°ℋ 0°Ƴ	-4.7m	C	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Jan 24 j 00:37	7° \$\mathbb{Q} 55'18 0° m 17° mp 18'12 0° \Lambda 0° m\tau 0° \$\mathbb{Z} 0° \ST 0° \ST 0° \ST 4° \approx 06'40	
desc. node morning max el	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41	0°≈37'57 30°Rる 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°升 0°भ 0°Y	-4.7m	desc. node	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22	7° \$\mathcal{Q} 55'18 0° m 17° m 18'12 0° \Lambda 0° m 0° \$\mathcal{Z}' 0° \Sigma 0° \Sigma 0° \Sigma 0° \Sigma 0° \Sigma 0° \Sigma	4590211
greatest brilliancy desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28	0°≈37'57 30°Rる 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°∀ 0°Y 0°B 0°II20'14	-4.7m	desc. node	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Jan 24 j 00:37 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16	7° \$\mathcal{Q} 55'18 0° m 17° m 18'12 0° \textsquare 0° m 0° \$\textsquare 0° \textsquare 0° \textsquare 0° \textsquare 0° \textsquare 18° \t	45°03'11
desc. node morning max el	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Aug 08 j 02:52	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°Y 0°Y 0°Y 0°U 0°II	-4.7m	desc. node asc. node evening max el	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02	7° \$\mathcal{Q}55'18 0° \$\mathcal{m}\$17° \$\mathcal{m}\$18'12 0° \$\Lambda\$ 0° \$\mathcal{m}\$. 0° \$\mathcal{A}\$ 0° \$\mathcal{G}\$ 0° \$\mathcal{G}\$ 4° \$\approx 06'40\$ 0° \$\mathcal{H}\$ 18° \$\mathcal{H}\$46'03 0° \$\mathcal{Y}\$	
desc. node morning max el	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°Y 0°Y 0°Y 0°II20'14 0°II	-4.7m	desc. node asc. node evening max el greatest brilliancy	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08	7° \$\mathcal{O}\$55'18 0° \$\mathcal{m}\$ 17° \$\mathcal{m}\$18'12 0° \$\mathcal{\O}\$ 0° \$\mathcal{\O}\$ 0° \$\mathcal{\O}\$ 0° \$\mathcal{\O}\$ 0° \$\mathcal{\O}\$ 4° \$\approx 06'40 0° \$\mathcal{\O}\$ 18° \$\mathcal{\O}\$46'03 0° \$\mathcal{\O}\$ 15° \$\mathcal{\O}\$49'45	45°03'11 -4.7m
desc. node morning max el	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0°॥ 0°॥ 0°॥ 0° 0° 0°	-4.7m	desc. node  asc. node  evening max el  greatest brilliancy retrograde	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21	7°\$\Omega_55'18 0°\$\text{m}\$18'12 0°\$\Lambda\$ 0°\$\text{m}\$0°\$\text{T}\$ 0°\$\text{S}\$ 0°\$\text{M}\$ 0°\$\text{M}\$ 0°\$\text{H}\$ 18°\$\text{H}\$46'03 0°\$\text{Y}\$ 15°\$\text{Y}\$49'45 17°\$\text{Y}\$45'59	
desc. node morning max el	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°¥ 0°Y 0°S 0°II20'14 0°II 0°© 0°Ω 0°Ω	-4.7m	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36	7°\$\Omega55'18 0°\$\text{m}\$ 17°\$\text{m}\$18'12 0°\$\Lambda\$ 0°\$\text{m}\$ 0°\$\text{d}\$ 0°\$\text{d}\$ 0°\$\text{d}\$ 4°\$\text{\infty}\$06'40 0°\$\text{H}\$ 18°\$\text{\infty}\$46'03 0°\$\text{T}\$ 15°\$\text{\infty}\$49'45 17°\$\text{\infty}\$45'59 13°\$\text{\infty}\$34'17	-4.7m
desc. node morning max el asc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°∀ 0°∀ 0°□20'14 0°□ 0°□	-4.7m	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45	7°\$\Omega55'18 0°\$\text{m}\$ 17°\$\text{m}\$18'12 0°\$\Lambda\$ 0°\$\text{m}\$ 0°\$\text{d}\$ 0°\$\text{d}\$ 0°\$\text{d}\$ 0°\$\text{d}\$ 18°\$\text{46'03} 0°\$\text{d}\$ 18°\$\text{46'03} 0°\$\text{17}\$ 15°\$\text{Y49'45} 17°\$\text{Y49'45} 13°\$\text{Y34'17} 9°\$\text{Y49'43}	-4.7m 0°09'25
desc. node morning max el  asc. node morning set	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°∀ 0°∀ 0°□20'14 0°□ 0°□0 0°□0 0°□0 0°□0 0°□0 5°□004'39	-4.7m	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 11:45	7° \$\Omega 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\Omega\$ 0° \$\mathbf{m}\$ 0° \$\omega\$ 0° \$\omega\$ 0° \$\omega\$ 4° \$\infty 66'40 0° \$\omega\$ 18° \$\omega 46'03 0° \$\Omega\$ 17° \$\Omega 49'45 17° \$\Omega 49'45 17° \$\Omega 49'43 9° \$\Omega 49'11	-4.7m 0°09'25 0°09'21
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desc. node morning max el  asc. node morning set	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°∀ 0°∀ 0°□20'14 0°□ 0°□0 0°□0 0°□0 0°□0 0°□0 5°□004'39	-4.7m	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Jan 24 j 00:37 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 08:45	7°\$\Omega55'18 0°\$\text{m}\$ 17°\$\text{m}\$18'12 0°\$\text{a}\$ 0°\$\text{m}\$ 0°\$\text{a}\$ 0°\$\text{a}\$ 0°\$\text{a}\$ 0°\$\text{a}\$ 4°\$\text{\infty}\$06'40 0°\$\text{m}\$ 18°\$\text{\infty}\$46'03 0°\$\text{m}\$ 15°\$\text{\infty}\$49'45 17°\$\text{\infty}\$49'45 17°\$\text{\infty}\$49'45 19°\$\text{\infty}\$49'11 9°\$\text{\infty}\$49'11 9°\$\text{\infty}\$54'19	-4.7m 0°09'25 0°09'21
desc. node morning max el asc. node morning set desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Nov 10 j 01:07 -5540 Nov 16 j 01:07 -5540 Nov 28 j 09:54 -5540 Dec 06 j 00:49	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°¥ 0°Y 0°\$ 0°¶20'14 0°¶ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$	-4.7m 45°56'32	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Mar 19 j 14:02 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 15:27	7° \$\alpha 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\alpha\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 15° \$\mathbf{m}\$ 49'45 17° \$\mathbf{m}\$ 49'45 19° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 44'03	-4.7m 0°09'25 0°09'21
desc. node morning max el  asc. node  morning set desc. node  superior conj	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29 -5540 Oct 19 j 02:00 -5540 Nov 16 j 01:07 -5540 Nov 28 j 09:54 -5540 Dec 06 j 00:49	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0°¶ 0°¶ 0°₽ 0°¶ 0°₽ 5°₽ 0°¶ 0°₽ 5°₽ 0°¶ 0°₽	-4.7m 45°56'32 -1°00'25	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 15:27 -5537 May 15 j 15:27 -5537 May 15 j 15:27	7° \$\Omega 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\omega\$ 0° \$\mathbf{m}\$ 0° \$\omega\$ 0° \$\omega\$ 0° \$\omega\$ 0° \$\omega\$ 4° \$\infty 06'40 0° \$\omega\$ 18° \$\omega 46'03 0° \$\omega\$ 18° \$\omega 46'03 0° \$\omega\$ 15° \$\Omega 49'45 17° \$\Omega 49'45 19° \$\Omega 49'11 9° \$\Omega 49'11 9° \$\Omega 44'03 9° \$\Omega 44'03 9° \$\Omega 24'55	-4.7m 0°09'25 0°09'21 0°09'21
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desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Aug 08 j 02:52 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 06 j 00:49 -5540 Dec 27 j 18:51 -5540 Dec 27 j 08:15 -5540 Dec 30 j 05:16	0°≈37'57 30°R♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0° ш20'14 0° ш 0° Ω 0° Ω 0° № 5° Ω04'39 20° Ω30'37 0° № 26° №59'13 26° №59'13	-4.7m 45°56'32 -1°00'25 1°00'20	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 15:27 -5537 May 16 j 03:56 -5537 May 16 j 06:34 -5537 May 16 j 06:34 -5537 May 21 j 21:35	7° \$\mathcal{O}\$55'18 0° \$\mathcal{m}\$ 17° \$\mathcal{m}\$18'12 0° \$\mathcal{\O}\$ 0° \$\mathcal{K}\$ 0° \$\mathcal{K}\$ 0° \$\mathcal{K}\$ 0° \$\mathcal{K}\$ 18° \$\mathcal{K}\$46'03 0° \$\mathcal{K}\$ 18° \$\mathcal{K}\$46'03 0° \$\mathcal{K}\$ 18° \$\mathcal{K}\$46'03 0° \$\mathcal{K}\$ 18° \$\mathcal{K}\$46'03 0° \$\mathcal{K}\$ 13° \$\mathcal{K}\$49'45 17° \$\mathcal{K}\$49'45 19° \$\mathcal{K}\$49'11 9° \$\mathcal{K}\$49'11 9° \$\mathcal{K}\$49'11 9° \$\mathcal{K}\$49'13 9° \$\mathcal{K}\$24'55 9° \$\mathcal{K}\$20'53 6° \$\mathcal{K}\$02'33	-4.7m 0°09'25 0°09'21 0°09'21
desc. node morning max el  asc. node  morning set desc. node	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 06 j 00:49 -5540 Dec 27 j 18:51 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0° Ш20'14 0° Ш 0° 0° Ω 0° № 0° Ω 0° № 20° Ω 20° Ω 30'37 0° №	-4.7m 45°56'32 -1°00'25	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise direct	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Jan 24 j 00:37 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 15 j 11:45 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 06:34 -5537 May 21 j 21:35 -5537 May 21 j 21:35 -5537 Jun 06 j 02:58	7° \$\alpha 55'18 0° \$\text{m}\$ 17° \$\text{m}\$ 18'12 0° \$\alpha\$ 0° \$\text{m}\$ 0° \$\text{d}\$ 0° \$\text{d}\$ 0° \$\text{d}\$ 0° \$\text{d}\$ 0° \$\text{d}\$ 0° \$\text{d}\$ 18° \$\text{d}46'03 0° \$\text{d}\$ 18° \$\text{d}46'03 0° \$\text{d}\$ 18° \$\text{d}46'03 0° \$\text{d}\$ 15° \$\text{d}49'45 17° \$\text{d}49'45 17° \$\text{d}49'41 9° \$\text{d}49'11 9° \$\text{d}49'11 9° \$\text{d}49'11 9° \$\text{d}49'11 9° \$\text{d}49'13 9° \$\text{d}49'15 9° \$\text{d}24'55 9° \$\text{d}20'53 6° \$\text{d}20'233 1° \$\text{d}37'07	-4.7m 0°09'25 0°09'21 0°09'21
desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong  max. Earth dist.	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 06 j 00:49 -5540 Dec 27 j 18:51 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10 -5539 Jan 23 j 12:22	0°≈37'57 30°8⋜ 24°₹57'26 26°₹47'20 0°≈ 2°≈05'07 24°≈55'49 0°¥ 0°¥ 0°¥ 0°¶20'14 0°Щ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$ 0°\$	-4.7m 45°56'32 -1°00'25 1°00'20	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 15 j 11:45 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 21 j 21:35 -5537 Jun 06 j 02:58 -5537 Jun 17 j 11:32	7° \$\alpha 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\alpha\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 44'03 0° \$\mathbf{m}\$ 13° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 44'13 9° \$\mathbf{m}\$ 24'55 9° \$\mathbf{m}\$ 20'53 6° \$\mathbf{m}\$ 20'55'05	-4.7m 0°09'25 0°09'21 0°09'21 0.28467 AU
desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 06 j 00:49 -5540 Dec 27 j 08:15 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10 -5539 Jan 23 j 12:22 -5539 Feb 04 j 18:26	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0° Ш20'14 0° Ш 0° 0° Ω 0° № 0° Ω 0° № 20° Ω 20° Ω 30'37 0° №	-4.7m 45°56'32 -1°00'25 1°00'20	asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise direct greatest brilliancy	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 21 j 21:35 -5537 Jun 06 j 02:58 -5537 Jun 17 j 11:32 -5537 Jul 22 j 21:46	7° \$\alpha 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\alpha\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 44'03 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 49'41 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 44'03 9° \$\mathbf{m}\$ 24'55 9° \$\mathbf{m}\$ 20'53 6° \$\mathbf{m}\$ 20'33 1° \$\mathbf{m}\$ 37'07 3° \$\mathbf{m}\$ 55'05 0° \$\mathbf{d}\$	-4.7m 0°09'25 0°09'21 0°09'21 0.28467 AU
desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong  max. Earth dist.	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 27 j 08:15 -5540 Dec 27 j 08:15 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10 -5539 Jan 23 j 12:22 -5539 Feb 04 j 18:26 -5539 Feb 16 j 21:58	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0° ш20'14 0° ш 0° ш 0° ш 0° ш 0° ш 0° ш 120'14 0° ш 120'14 0° ш 120'14 0° ш 120'14 0° ш 139 20° 130'37 0° ш 26° ш26'25 0°  1° 38'38'39 0°♂ 15°♂04'59	-4.7m 45°56'32 -1°00'25 1°00'20 1.72641 AU	asc. node  asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise direct	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 06:34 -5537 Jun 06 j 02:58 -5537 Jun 17 j 11:32 -5537 Jul 22 j 21:46 -5537 Jul 25 j 23:40	7° \$\alpha 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\alpha\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 44'03 0° \$\mathbf{m}\$ 13° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 44'13 9° \$\mathbf{m}\$ 24'55 9° \$\mathbf{m}\$ 20'53 6° \$\mathbf{m}\$ 20'55'05	-4.7m 0°09'25 0°09'21 0°09'21 0.28467 AU -4.8m
desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong  max. Earth dist. evening rise	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 25 j 06:14 -5540 Oct 19 j 02:00 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Dec 06 j 00:49 -5540 Dec 27 j 08:15 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10 -5539 Jan 23 j 12:22 -5539 Feb 04 j 18:26	0°≈37'57 30° k♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0° ℋ 0° ℋ 0° ℋ 0° Ⅲ20'14 0° Ⅲ 0° ፵ 0° Ո 0° № 20° • 130'37 0° Ⅲ 26° Ⅲ26'25 0° ℋ 1° ℋ38'39 0°♂ 15°♂04'59 0°≈ 3°≈21'38	-4.7m 45°56'32 -1°00'25 1°00'20 1.72641 AU	asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise direct greatest brilliancy	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 09 j 01:36 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 06:34 -5537 Jun 06 j 02:58 -5537 Jun 17 j 11:32 -5537 Jun 22 j 21:46 -5537 Jul 25 j 23:40 -5537 Aug 20 j 06:45	7°\$\Omega55'18 0°\$\Pi\$ 17°\$\Pi\$18'12 0°\$\Pi\$ 0°\$\Pi\$ 0°\$\Pi\$ 0°\$\Pi\$ 0°\$\Pi\$ 18°\$\Pi46'03 0°\$\Pi\$ 18°\$\Pi46'03 0°\$\Pi\$ 18°\$\Pi49'45 17°\$\Pi49'45 17°\$\Pi49'43 9°\$\Pi49'11 9°\$\Pi49'11 9°\$\Pi49'11 9°\$\Pi49'11 9°\$\Pi49'11 9°\$\Pi49'11 9°\$\Pi49'13 30°\$\Pi20'53 6°\$\Pi20'53 6°\$\Pi20'53 0°\$\Pi\$ 3°\$\Pi00'49 0°\$\Pi\$	-4.7m 0°09'25 0°09'21 0°09'21 0.28467 AU -4.8m
desc. node morning max el  asc. node  morning set desc. node  superior conj minimum elong  max. Earth dist. evening rise	-5540 Mar 11 j 13:01 -5540 Mar 27 j 18:53 -5540 Apr 06 j 20:35 -5540 Apr 14 j 01:37 -5540 Apr 17 j 16:53 -5540 May 15 j 19:21 -5540 May 21 j 00:06 -5540 Jun 18 j 05:33 -5540 Jul 14 j 05:41 -5540 Aug 08 j 09:28 -5540 Sep 01 j 08:29 -5540 Sep 01 j 08:29 -5540 Nov 11 j 23:41 -5540 Nov 16 j 01:07 -5540 Nov 28 j 09:54 -5540 Dec 06 j 00:49 -5540 Dec 27 j 18:51 -5540 Dec 30 j 05:16 -5540 Dec 31 j 13:10 -5539 Jan 23 j 12:22 -5539 Feb 04 j 18:26 -5539 Feb 19 j 15:45	0°≈37'57 30°8♂ 24°♂57'26 26°♂47'20 0°≈ 2°≈05'07 24°≈55'49 0°भ 0°भ 0°भ 0° Ш20'14 0° Ш 0° Ф 0° Ф 0° Ф 0° Ф 120'14 0° Ф 139 20° Ф 130'37 0° М 26° М26'25 0°  1°  1°  1°  1°  1°  1°  15°  15°  15°	-4.7m 45°56'32 -1°00'25 1°00'20 1.72641 AU	asc. node  evening max el  greatest brilliancy retrograde evening set inferior conj minimum elong transit middle transit begin transit end desc. node min. Earth dist. morning rise direct greatest brilliancy morning max el	-5538 Sep 02 j 01:37 -5538 Sep 19 j 15:02 -5538 Oct 03 j 10:26 -5538 Oct 13 j 14:21 -5538 Nov 06 j 17:45 -5538 Dec 01 j 02:56 -5538 Dec 25 j 21:44 -5537 Jan 20 j 10:27 -5537 Feb 16 j 11:22 -5537 Mar 07 j 01:16 -5537 Mar 19 j 14:02 -5537 Apr 13 j 17:08 -5537 Apr 24 j 03:21 -5537 May 15 j 11:45 -5537 May 15 j 12:06 -5537 May 15 j 12:06 -5537 May 15 j 08:45 -5537 May 15 j 08:45 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 03:56 -5537 May 16 j 06:34 -5537 Jun 06 j 02:58 -5537 Jun 17 j 11:32 -5537 Jul 22 j 21:46 -5537 Jul 25 j 23:40	7° \$\alpha 55'18 0° \$\mathbf{m}\$ 17° \$\mathbf{m}\$ 18'12 0° \$\alpha\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 18° \$\mathbf{m}\$ 46'03 0° \$\mathbf{m}\$ 15° \$\mathbf{m}\$ 49'45 17° \$\mathbf{m}\$ 49'45 17° \$\mathbf{m}\$ 49'41 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 49'11 9° \$\mathbf{m}\$ 44'03 9° \$\mathbf{m}\$ 24'55 9° \$\mathbf{m}\$ 20'53 6° \$\mathbf{m}\$ 20'33 1° \$\mathbf{m}\$ 37'07 3° \$\mathbf{m}\$ 55'05 0° \$\mathbf{m}\$ 3° \$\mathbf{m}\$ 00'49	-4.7m 0°09'25 0°09'21 0°09'21 0.28467 AU -4.8m

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5537 Oct 09 i 16:02  $0^{\circ}\Omega$ -5534 Apr 20 j 14:11 0°8 -5537 Nov 02 j 22:24 0°m -5534 May 17 j 23:21 28°812'34 45°47'29 evening max el -5537 Nov 27 j 03:14 0∘**⊽** -5534 May 19 j 20:33  $0^{\circ}\Pi$ 19°**Ⅲ**37'19 0°M -5534 Jun 12 j 15:07 -5537 Dec 21 j 10:03 desc. node -5534 Jun 26 j 15:22 26°**Ⅱ**48'57 desc. node -5537 Dec 26 j 22:40 6°M48'31 greatest brilliancy -4.8m -5536 Jan 14 j 19:16 0°**∡** retrograde -5534 Jul 06 j 06:21 28°**Ⅲ**29'15 20°**х** 02′03 -5534 Jul 23 j 06:25 morning set -5536 Jan 31 j 02:56 evening set 23° II 04'49 -5534 Jul 27 j 02:41 -5536 Feb 08 j 05:53 0°ಕ inferior conj 20°**I**48'24 -8°22'41 -5534 Jul 26 j 19:40 -5536 Mar 03 j 16:48 0°≈ minimum elong 20°**I**58′58 8°21'38 -5534 Jul 27 j 06:29 0.27148 AU max. Earth dist. -5536 Mar 07 j 21:06 5°≈07'41 1.73723 AU min. Earth dist. 20°**Ⅲ**42'42 morning rise -5534 Jul 30 j 08:48 18°**Ⅲ**52'17 13°**Ⅱ**04'08 superior conj -5536 Mar 08 j 13:14 5°≈57'09 -1°14'36 direct -5534 Aug 16 j 22:37 -5534 Aug 27 j 16:54 minimum elong -5536 Mar 08 j 20:00 6°≈17'55 1°14'44 greatest brilliancy 15°**Ⅱ**14'46 -4.9m -5536 Mar 28 j 03:28 0°**)**€ -5534 Sep 19 j 06:42 0ಂತಾ evening rise -5536 Apr 13 j 14:19 20°¥12'09 asc. node -5534 Oct 03 j 08:19 13°9508'48 asc. node -5536 Apr 17 j 11:32 24° ¥ 58'21 morning max el -5534 Oct 06 j 18:03 16°**©**35'41 46°50'26 -5536 Apr 21 j 13:46  $0^{\circ}\Upsilon$ -5534 Oct 19 j 08:49  $0^{\circ}\Omega$ -5536 May 15 j 23:52 0°8 -5534 Nov 14 j 16:54 0° M -5536 Jun 09 j 10:23  $\mathbb{I}^{\circ 0}$ -5534 Dec 10 j 00:15 0∘**ত** -5536 Jul 03 j 22:45 0ಂತಾ -5533 Jan 04 j 00:07 0°M -5536 Jul 28 j 15:34  $0^{\circ}\Omega$ desc. node -5533 Jan 23 j 10:51 23°M25'23 desc. node -5536 Aug 07 j 11:45 11°Ω50'46 -5533 Jan 28 j 21:42 0°×7 -5536 Aug 22 j 17:21 0° m -5533 Feb 22 i 17:30 0°정 -5536 Sep 17 j 13:21 0∘**⊽** -5533 Mar 19 j 10:40 0°≈ -5536 Oct 13 j 01:54 27° 243'55 47°25'01 -5533 Apr 09 j 12:39 25°≈43'52 evening max el morning set -5536 Oct 15 j 07:28 -5533 Apr 13 j 00:21 0°\ o°m. 29°MJ36'40 -5533 May 07 j 10:13  $0^{\circ}\Upsilon$ greatest brilliancy -5536 Nov 22 j 10:44 -4 9m -5533 May 11 j 08:26 4°Υ50'30 1.73193 AU -5536 Nov 23 j 11:15 0°×7 max. Earth dist. -5536 Nov 28 j 04:12 1°**х** 20′25 asc. node 1°**∡**′51′29 -5533 May 15 j 03:33 9°Y31'48 -0°02'04 -5536 Dec 03 j 05:37 retrograde superior conj 9°**Ƴ**32'57 -5533 May 15 j 03:56 -5536 Dec 12 j 14:51 30°RM 0°02'01 minimum elong -5533 May 14 j 06:03 8°Y25'21 -5536 Dec 18 j 19:26 26°M56'37 evening set behind sun begin 10°**Y**40'34 -5536 Dec 23 j 06:17 24°M12'17 0.28070 AU -5533 May 16 j 01:49 min. Earth dist. behind sun end -5536 Dec 24 j 07:02 -5533 May 16 j 00:26 10°**Y**36′18 inferior conj 23°M32'47 5°45'04 asc. node -5536 Dec 23 j 21:59 -5533 May 31 j 16:19 minimum elong 23°M47'14 5°42'52  $0^{\circ}$ 8 23°**8**52'25 morning rise -5536 Dec 29 j 01:13 20°M35'36 evening rise -5533 Jun 19 j 21:19 direct -5535 Jan 14 j 03:50 15°**™**27'29 -5533 Jun 24 j 19:21  $\Pi$  $^{\circ}0$ greatest brilliancy -5535 Jan 22 j 23:06 16°M54'02 -4.8m -5533 Jul 18 j 20:41 0ಂತಾ -5535 Feb 14 j 09:07 0°**∡**¹ -5533 Aug 11 j 22:18  $0^{\circ}\Omega$ morning max el -5535 Mar 04 j 00:02 15°**≯**28'14 45°55'23 desc. node -5533 Sep 04 j 23:58 29°**Ω**52'18 -5535 Mar 18 j 14:14 0°궁 -5533 Sep 05 j 02:27 0° m desc. node -5535 Mar 20 j 08:03 1°る48'21 -5533 Sep 29 j 11:31 0∘**ত** -5535 Apr 15 j 08:46 -5533 Oct 24 j 05:05 0°M 0°≈ -5535 May 11 j 13:43 0°**)**€ -5533 Nov 18 j 15:18 0°×7 -5535 Jun 05 j 21:02  $0^{\circ}\Upsilon$ -5533 Dec 15 j 16:53 -5535 Jun 30 j 13:02 0°8 evening max el -5533 Dec 23 j 21:33 8°る23'11 45°57'28 asc. node -5535 Jul 10 j 23:30 12°**8**52'46 asc. node -5533 Dec 26 i 15:20 11°る05'09 -5535 Jul 24 j 17:43  $0^{\circ}II$ -5532 Jan 17 j 18:33 0°≈ greatest brilliancy -5535 Aug 17 j 16:03 0°503'33 -3.9m greatest brilliancy -5532 Jan 31 i 07:48 7°**≈**30'34 -4.7m -5535 Aug 17 j 14:55 0ಂತಾ -5532 Feb 11 j 05:20 9°≈40'49 retrograde -5535 Aug 28 j 10:24 13°939'03 -5532 Feb 28 j 17:58 3°≈47'02 morning set evening set -5535 Sep 10 j 08:42  $0^{\circ}\Omega$ -5532 Mar 03 j 16:06 1°≈19'10 7°40'17 inferior conj -5535 Oct 04 j 02:40 -5532 Mar 03 j 21:47 7°39'28 0° m minimum elong 1°≈10'05 min. Earth dist. -5532 Mar 03 j 23:47 1°≈06'54 0.29469 AU -5532 Mar 05 j 17:54 -5535 Oct 08 j 05:26 5° m 11'18 0°49'25 30°Rる superior conj -5535 Oct 08 j 16:35 5° Mp 46'25 0°49'09 morning rise -5532 Mar 08 j 01:41 28°る34'03 minimum elong max. Earth dist. -5535 Oct 12 j 16:55 10° Mp 49'46 1.70983 AU -5532 Mar 25 j 11:46 22°る50'19 direct -5535 Oct 27 j 23:09 0∘**⊽** -5532 Apr 04 j 11:36 24°る38'20 greatest brilliancy -4.7m desc. node -5535 Oct 30 j 23:15 3°**-**45′52 -5532 Apr 15 j 11:05 0°≈ 28°**♀**55'12 evening rise -5535 Nov 20 j 02:22 desc. node -5532 Apr 16 j 19:03 0°≈49'59 0°M -5532 May 13 j 10:47 -5535 Nov 20 j 23:10 morning max el 22°**≈**44'45 45°55'48 -5535 Dec 15 j 02:59 0°**∡** -5532 May 20 j 20:08 0°**)**€  $0^{\circ}\Upsilon$ -5534 Jan 08 j 11:16 0°궁 -5532 Jun 17 j 20:34 -5534 Feb 02 j 02:00 0°≈ -5532 Jul 13 j 18:51 0°8 asc. node -5534 Feb 20 j 12:37 22°≈09'59 asc. node -5532 Aug 07 j 11:32 29°**8**48'51 -5534 Feb 27 j 02:45 0°**)**€ 0°Ⅱ -5532 Aug 07 j 15:10 -5534 Mar 24 j 19:12  $0^{\circ}\Upsilon$ -5532 Aug 31 j 20:20 0ಂತಾ

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 75 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c		
	-5532 Sep 24 j 17:49	$0$ $^{\circ}\Omega$			-5529 Mar 19 j 21:24	$0^{\circ}$ Y	
	-5532 Oct 18 j 13:25	0° <b>™</b>		greatest brilliancy	-5529 Apr 11 j 07:20	13° <b>Y</b> 38'08	-4.7m
	-5532 Nov 11 j 10:57	0∘ <b>⊽</b>		retrograde	-5529 Apr 21 j 19:00	15° <b>Ƴ</b> 35'41	
morning set	-5532 Nov 13 j 10:52	2° <b>≏</b> 29'52		evening set	-5529 May 06 j 17:54	11° <b>Y</b> 21'53	
desc. node	-5532 Nov 27 j 12:05	20° <b>ഫ</b> 02'32		inferior conj	-5529 May 13 j 03:10	7° <b>Ƴ</b> 38'17	0°29'39
	-5532 Dec 05 j 11:59	$0^{\circ}$ M		minimum elong	-5529 May 13 j 04:16	7° <b>Ƴ</b> 36'37	0°29'20
				min. Earth dist.	-5529 May 13 j 22:25	7° <b>Ƴ</b> 08'48	0.28519 AU
superior conj	-5532 Dec 25 j 06:53	24°M33'35	-0°57'52	desc. node	-5529 May 15 j 06:11	6° <b>Y</b> 20′21	
minimum elong	-5532 Dec 24 j 20:13	24°M00'34	0°57'46	morning rise	-5529 May 19 j 13:41	3° <b>Y</b> 50′19	
max. Earth dist.	-5532 Dec 29 j 06:28	29°M29'29	1.72583 AU		-5529 May 29 j 07:45	30° <b>₹</b> ₩	
	-5532 Dec 29 j 16:20	0° <b>∡</b> 7		direct	-5529 Jun 03 j 18:58	29° <b>)</b> 24'33	
	-5531 Jan 22 j 23:22	0°ರ			-5529 Jun 09 j 09:46	0° <b>Υ</b>	
evening rise	-5531 Feb 02 j 10:02	12° <b>る</b> 51'33		greatest brilliancy	-5529 Jun 15 j 03:42	1° <b>Y</b> 43'03	-4.8m
	-5531 Feb 16 j 08:59	0° <b>≈</b>			-5529 Jul 22 j 20:42	0° <b>8</b>	
greatest brilliancy	-5531 Feb 19 j 14:12	3°≈56'35	-3.9m	morning max el	-5529 Jul 23 j 15:40	0° <b>8</b> 46'46	46°28'02
	-5531 Mar 12 j 21:54	0° <b>∀</b>			-5529 Aug 19 j 22:49	$\Pi$ °0	
asc. node	-5531 Mar 20 j 01:01	8° <b>)</b> 40′35		asc. node	-5529 Sep 04 j 23:21	18° <b>Ⅲ</b> 33'52	
	-5531 Apr 06 j 15:17	0° <b>Υ</b>			-5529 Sep 14 j 13:46	0ංම	
	-5531 May 01 j 14:36	$0^{\circ}$ 8			-5529 Oct 09 j 04:42	$0$ $^{\circ}$ $\Omega$	
	-5531 May 26 j 22:22	$\Pi$ °0			-5529 Nov 02 j 10:29	0° <b>m</b> )	
	-5531 Jun 21 j 20:35	$0$ $\circ$			-5529 Nov 26 j 14:55	0∘ <b>⊽</b>	
desc. node	-5531 Jul 10 j 02:10	20°920'44			-5529 Dec 20 j 21:24	0°M₊	
	-5531 Jul 19 j 01:50	$0$ $^{\circ}\Omega$		desc. node	-5529 Dec 26 j 00:39	6° <b>™</b> 19'48	
evening max el	-5531 Jul 30 j 19:22	12° <b>Ω</b> 03′29	47°19'22		-5528 Jan 14 j 06:21	0° <b>∡</b> ¹	
	-5531 Aug 19 j 10:55	0° <b>m</b> )		morning set	-5528 Jan 28 j 17:35	17° <b>∡</b> ¹46′03	
greatest brilliancy	-5531 Sep 10 j 02:44	13° <b>m</b> 09'49	-4.9m		-5528 Feb 07 j 16:46	0°ಕ	
retrograde	-5531 Sep 19 j 09:09	14° <b>m</b> 47'48			-5528 Mar 03 j 03:34	0° <b>≈</b>	
evening set	-5531 Oct 05 j 00:34	9° <b>m</b> 59'05					
inferior conj	-5531 Oct 09 j 23:29	7° m 00'58		superior conj	-5528 Mar 06 j 07:05	3°≈51'42	
minimum elong	-5531 Oct 10 j 09:09	6° Mp 46'05		minimum elong	-5528 Mar 06 j 13:28	4°≈11'17	
min. Earth dist.	-5531 Oct 09 j 20:24	7° m 05'42	0.26456 AU	max. Earth dist.	-5528 Mar 05 j 18:47		1.73713 AU
morning rise	-5531 Oct 15 j 17:54	3° Tp 36'40			-5528 Mar 27 j 14:14	0° <b>)</b> {	
1.	-5531 Oct 24 j 22:17	30°R€		evening rise	-5528 Apr 11 j 09:34	18° <b>)</b> 10'46	
direct	-5531 Oct 30 j 04:20	29° <b>Ω</b> 25'41		asc. node	-5528 Apr 16 j 13:45	24° <b>)</b> €31'55	
asc. node	-5531 Oct 30 j 19:18	29° <b>Ω</b> 26'10			-5528 Apr 21 j 00:38 -5528 May 15 j 10:59	0° <b>႘</b>	
greatest brilliancy	-5531 Nov 04 j 13:26 -5531 Nov 09 j 04:33	0°M) 1°M)20'20	4 0m		-5528 Jun 08 j 21:54	0°II	
greatest offinality	-5531 Dec 17 j 06:59	0° <b>⊽</b>	-4.9111		-5528 Jul 03 j 10:49	0°ಅ	
morning max el	-5531 Dec 17 j 00:39	0 <b>=</b> 1° <b>£</b> 55'45	46°28'10		-5528 Jul 28 j 04:26	0° <b>U</b>	
morning max cr	-5530 Jan 14 j 19:03	0°M	40 20 10	desc. node	-5528 Aug 06 j 13:54	11° <b>Ω</b> 17'30	
	-5530 Feb 10 j 09:48	0° <b>∡</b> 7		dese. Hode	-5528 Aug 22 j 07:27	0° m)	
desc. node	-5530 Feb 19 j 22:48	10° <b>×</b> 59'58			-5528 Sep 17 j 05:50	0∘ <b>⊽</b>	
acco. noac	-5530 Mar 08 j 06:05	0° <b>ਰ</b>		evening max el	-5528 Oct 10 j 18:11	25° <b>£</b> 27'05	47°27'01
	-5530 Apr 02 j 14:47	0° <b>≈</b>		**************************************	-5528 Oct 15 j 06:31	0°M	
	-5530 Apr 27 j 14:06	0° <b>)</b> €		greatest brilliancy	-5528 Nov 20 j 02:40	27° <b>M</b> 18'45	-4.9m
	-5530 May 22 j 05:01	$0^{\circ}$ $\Upsilon$		asc. node	-5528 Nov 27 j 06:19	29°M17'34	
asc. node	-5530 Jun 12 j 13:06	26° <b>Y</b> 18′59		retrograde	-5528 Nov 30 j 22:09	29°M34'00	
morning set	-5530 Jun 15 j 09:21	29° <b>Y</b> ′50'42		evening set	-5528 Dec 16 j 08:42	24°M42'44	
	-5530 Jun 15 j 12:20	$0^{\circ}$ 8		min. Earth dist.	-5528 Dec 20 j 21:07	21°M56'18	0.27994 AU
	-5530 Jul 09 j 13:23	$\Pi^{\circ}0$		inferior conj	-5528 Dec 21 j 22:31	21°M15'51	5°30'08
max. Earth dist.	-5530 Jul 19 j 00:43	11° <b>Ⅱ</b> 53'10	1.71477 AU	minimum elong	-5528 Dec 21 j 13:32	21°MJ30'11	5°27'53
				morning rise	-5528 Dec 26 j 19:09	18°ML15'35	
superior conj	-5530 Jul 22 j 12:40	16° <b>Ⅱ</b> 17′01	1°15'32	direct	-5527 Jan 11 j 18:50	13°M11'50	
minimum elong	-5530 Jul 22 j 05:15	15° <b>Ⅲ</b> 53'42	1°15'41	greatest brilliancy	-5527 Jan 20 j 13:24	14°MJ38'20	-4.8m
	-5530 Aug 02 j 10:17	$0$ $\circ$			-5527 Feb 14 j 18:41	0° <b>∡</b> ¹	
	-5530 Aug 26 j 05:44	$0$ $^{\circ}\Omega$		morning max el	-5527 Mar 01 j 16:19	13° <b>∡</b> 18'31	45°55'59
evening rise	-5530 Aug 30 j 12:34	5° <b>Ω</b> 23'42			-5527 Mar 18 j 08:20	0°ප	
	-5530 Sep 19 j 02:18	0° <b>m</b>		desc. node	-5527 Mar 19 j 10:16	1° <b>る</b> 07'41	
desc. node	-5530 Oct 02 j 12:37	16°Mp49'31			-5527 Apr 14 j 23:03	0° <b>≈</b>	
	-5530 Oct 13 j 01:47	0∘ <b>⊽</b>			-5527 May 11 j 02:21	0° <b>∺</b>	
	-5530 Nov 06 j 05:23	0° <b>M</b> -			-5527 Jun 05 j 08:50	0° <b>Ƴ</b>	
	-5530 Nov 30 j 14:53	0° <b>∡</b> ¹		_	-5527 Jun 30 j 00:24	0°8	
	-5530 Dec 25 j 10:19	0°ප		asc. node	-5527 Jul 10 j 01:29	12° <b>8</b> 23'59	
	-5529 Jan 20 j 00:25	0°≈		,	-5527 Jul 24 j 04:52	0°II	2.0
asc. node	-5529 Jan 23 j 02:43	3°≈32'07		greatest brilliancy	-5527 Aug 16 j 23:27	29° <b>Ⅱ</b> 52'00	-3.9m
avanina ma1	-5529 Feb 16 j 04:46	0° <b>){</b> 16° <b>¥</b> 22'54	45902120	morning set	-5527 Aug 17 j 01:59	0°©	
evening max el	-5529 Mar 04 j 16:12	16° <b>∺</b> 33'54	45 05 29	morning set	-5527 Aug 25 j 22:44	11°©11'30	

•	omena of Venus fro iical year style is used: Th		•	/ /		, .	ge 76
Attention, astronom	-5527 Sep 09 j 19:45	$0^{\circ}\Omega$	in astronomicai co	unting style is the year	-5524 Feb 29 j 04:05	30°Rる	
	-5527 Oct 03 j 13:41	0° m)		inferior conj	-5524 Mar 01 j 09:35	29° <b>ප</b> 12'54	7°46'20
	50 <b>2</b> 7 5 <b>0</b> 0 05 j 15.11	v <b>x</b>		minimum elong	-5524 Mar 01 j 14:43	29° <b>る</b> 04'40	7°45'37
superior conj	-5527 Oct 05 j 14:43	2° m/34'32	0°52'35	min. Earth dist.	-5524 Mar 01 j 16:19	29° <b>る</b> 02'07	0.29466 AU
minimum elong	-5527 Oct 06 j 02:07	3°m)10'28	0°52'19	morning rise	-5524 Mar 05 j 16:38	26° <b>ට</b> 31'14	
max. Earth dist.	-5527 Oct 10 j 01:48	8° <b>m</b> )11'51	1.70948 AU	direct	-5524 Mar 23 j 04:31	20° <b>පි</b> 44'10	
	-5527 Oct 27 j 10:10	0∘ <b>⊽</b>		greatest brilliancy	-5524 Apr 02 j 03:29	22° <b>る</b> 31'02	-4.7m
desc. node	-5527 Oct 30 j 01:25	3° <b>₽</b> 18'10		desc. node	-5524 Apr 15 j 21:15	29° <b>る</b> 37'33	
evening rise	-5527 Nov 17 j 12:04	26° <b>≏</b> 21'27			-5524 Apr 16 j 10:42	0° <b>≈</b>	
	-5527 Nov 20 j 10:12	$0^{\circ}$ M		morning max el	-5524 May 11 j 02:11	20° <b>≈</b> 33'49	45°55'04
	-5527 Dec 14 j 14:05	0° <b>∡</b> ″			-5524 May 20 j 15:31	0° <b>∀</b>	
	-5526 Jan 07 j 22:32	6°0			-5524 Jun 17 j 11:23	0° <b>Υ</b>	
	-5526 Feb 01 j 13:35	0° <b>≈</b>			-5524 Jul 13 j 07:55	0°8	
asc. node	-5526 Feb 19 j 14:47	21° <b>≈</b> 40′39		asc. node	-5524 Aug 06 j 13:48	29° <b>8</b> 18'18	
	-5526 Feb 26 j 15:00	0° <b>ℋ</b> 0° <b>Ƴ</b>			-5524 Aug 07 j 03:23	0° <b>Ⅱ</b>	
	-5526 Mar 24 j 08:49 -5526 Apr 20 j 06:45	0° <b>8</b>			-5524 Aug 31 j 08:06 -5524 Sep 24 j 05:21	$0$ ಂ ${\cal O}$	
evening max el	-5526 May 15 j 13:35	25° <b>8</b> 55'01	15011128		-5524 Oct 18 j 00:48	0° <b>m</b> )	
evening max ci	-5526 May 19 j 21:44	0°Ⅱ	43 44 28	morning set	-5524 Nov 10 j 20:37	29° Mp 54'56	
desc. node	-5526 Jun 11 j 17:09	18° <b>Ⅱ</b> 15'17		morning set	-5524 Nov 10 j 20:37	0∘ <b>ʊ</b>	
greatest brilliancy	-5526 Jun 24 j 02:38	24° <b>Ⅱ</b> 24'24	-4.8m	desc. node	-5524 Nov 26 j 14:04	19° <b>≏</b> 33'51	
retrograde	-5526 Jul 03 j 18:20	26° <b>Ⅱ</b> 04'56			-5524 Dec 04 j 23:08	0° <b>M</b>	
evening set	-5526 Jul 20 j 14:54	20° <b>Ⅱ</b> 46'38			J		
inferior conj	-5526 Jul 24 j 15:18	18° <b>Ⅲ</b> 24′05	-8°13'44	superior conj	-5524 Dec 22 j 19:02	22°M08'22	-0°55'13
minimum elong	-5526 Jul 24 j 07:36	18° <b>Ⅲ</b> 35'41	8°12'31	minimum elong	-5524 Dec 22 j 08:22	21°M35'22	0°55'04
min. Earth dist.	-5526 Jul 24 j 19:10	18° <b>Ⅱ</b> 18'16	0.27184 AU	max. Earth dist.	-5524 Dec 26 j 22:00		1.72517 AU
morning rise	-5526 Jul 28 j 00:09	16° <b>Ⅲ</b> 23'44			-5524 Dec 29 j 03:21	0° <b>∡</b> ¹	
direct	-5526 Aug 14 j 12:11	10° <b>Ⅱ</b> 39'14			-5523 Jan 22 j 10:18	0°ಕ	
greatest brilliancy	-5526 Aug 25 j 06:28	12° <b>∏</b> 49′25	-4.9m	evening rise	-5523 Jan 31 j 01:52	10°る38'56	
	-5526 Sep 19 j 15:06	0°®			-5523 Feb 15 j 19:57	0° <b>≈</b>	
asc. node	-5526 Oct 02 j 10:31	12°5514'37	46050122	greatest brilliancy	-5523 Feb 19 j 20:07	4°≈54'35	-3.9m
morning max el	-5526 Oct 04 j 06:38 -5526 Oct 19 j 03:30	14° <b>©</b> 06′57 0° <b>Ω</b>	46°50'33	asc. node	-5523 Mar 12 j 09:05 -5523 Mar 19 j 03:15	0° <b>∺</b> 8° <b>∺</b> 13'09	
	-5526 Nov 14 j 07:53	0° m/		asc. Houc	-5523 Apr 06 j 02:53	0° <b>Υ</b>	
	-5526 Dec 09 j 13:31	0° <del>م</del>			-5523 May 01 j 02:55	0°8	
	-5525 Jan 03 j 12:25	0° <b>™</b>			-5523 May 26 j 11:52	0°II	
desc. node	-5525 Jan 22 j 12:58	22°M56'09			-5523 Jun 21 j 12:12	0°©	
	-5525 Jan 28 j 09:22	0° <b>∡</b> ¹		desc. node	-5523 Jul 09 j 04:20	19° <b>©</b> 37'04	
	-5525 Feb 22 j 04:45	ರ∘ರ			-5523 Jul 18 j 22:08	$0^{\circ}\Omega$	
	-5525 Mar 18 j 21:37	0° <b>≈</b> ≈		evening max el	-5523 Jul 28 j 07:22	9° <b>Ω</b> 34'41	47°16'52
morning set	-5525 Apr 07 j 07:46	23° <b>≈</b> 42′27			-5523 Aug 20 j 03:19	0° <b>™</b>	
	-5525 Apr 12 j 11:08	0° <b>∀</b>		greatest brilliancy	-5523 Sep 07 j 16:33	10° <b>m</b> 40'33	-4.9m
	-5525 May 06 j 20:57	0° <b>Υ</b>		retrograde	-5523 Sep 16 j 20:58	12° <b>m</b> )17'14	
max. Earth dist.	-5525 May 09 j 03:13	2° <b>Ƴ</b> 47'16	1.73239 AU	evening set	-5523 Oct 02 j 15:54	7° Mp 24'21	
	5505 ) ( 10 : 00 00	70000000	0005106	inferior conj	-5523 Oct 07 j 11:47	4° Mp 31'07	
superior conj	-5525 May 12 j 22:32	7° <b>Υ</b> 29'00		minimum elong	-5523 Oct 07 j 21:50	4° m 15'43	
minimum elong	-5525 May 12 j 23:31	7° <b>Υ</b> 32'02 6° <b>Υ</b> 27'05	0°05'02	min. Earth dist.	-5523 Oct 07 j 10:01	4° Mp 33'51	0.26452 AU
behind sun begin behind sun end	-5525 May 12 j 02:28 -5525 May 13 j 20:33	8° <b>Υ</b> 37'00		morning rise	-5523 Oct 13 j 03:48 -5523 Oct 15 j 10:24	1° <b>™</b> 10'19 30°R <b>Ω</b>	
asc. node	-5525 May 15 j 02:30	10° <b>Υ</b> '09'27		direct	-5523 Oct 27 j 16:12	26° <b>Ω</b> 55'44	
abe. 110de	-5525 May 31 j 03:09	0°8		asc. node	-5523 Oct 29 j 21:28	20° <b>Ω</b> 01'43	
evening rise	-5525 Jun 17 j 15:21	21° <b>8</b> 45'04		greatest brilliancy	-5523 Nov 06 j 18:43	28° <b>£</b> 52'32	-4.9m
S	-5525 Jun 24 j 06:21	0°II		,	-5523 Nov 09 j 12:29	0° <b>m</b> )	
	-5525 Jul 18 j 07:56	0ಂಣ		morning max el	-5523 Dec 16 j 19:12	29° <b>m</b> 31'08	46°29'36
	-5525 Aug 11 j 09:53	$0^{\circ}\Omega$			-5523 Dec 17 j 06:45	0∘ <b>⊽</b>	
desc. node	-5525 Sep 04 j 02:10	29° <b>Ω</b> 22'07			-5522 Jan 14 j 11:43	$0^{\circ}$ M	
	-5525 Sep 04 j 14:26	0° <b>m</b>			-5522 Feb 09 j 23:47	0° <b>∡</b> ¹	
	-5525 Sep 29 j 00:01	0∘ <b>⊽</b>		desc. node	-5522 Feb 19 j 01:00	10° <b>∡</b> 27'32	
	-5525 Oct 23 j 18:23	0° <b>™</b>			-5522 Mar 07 j 18:39	5°0	
	-5525 Nov 18 j 06:10	0° <b>∡</b> ¹			-5522 Apr 02 j 02:34	0° <b>≈</b>	
	-5525 Dec 15 j 11:56	0°る	46000122		-5522 Apr 27 j 01:26	0° <b>)</b> €	
evening max el	-5525 Dec 21 j 12:30	6° <b>る</b> 08'01	46°00'32	aga m-J-	-5522 May 21 j 16:08	0°Υ 25°W51100	
asc. node	-5525 Dec 25 j 17:25	10°る15'33 0°≈		asc. node	-5522 Jun 11 j 15:09	25° <b>Υ</b> '51'09 27° <b>Υ</b> '42'17	
greatest brilliancy	-5524 Jan 18 j 15:39 -5524 Jan 29 j 01:36	0°≈ 5°≈24'53	-4.7m	morning set	-5522 Jun 13 j 03:00 -5522 Jun 14 j 23:23	0° <b>8</b>	
retrograde	-5524 Feb 08 j 22:14	7°≈34'59	1./111		-5522 Jul 09 j 00:27	0°II	
-	-				-		
evening set	-5524 Feb 26 j 12:51	1° <b>≈</b> 38'45		max. Earth dist.	-5522 Jul 16 j 15:01	9° <b>Ⅲ</b> 32'29	1.71536 AU

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5522 Jul 20 i 04:01 13°**I**I59'29 1°13'59 direct -5519 Jan 09 j 09:52 10°ML54'31 superior conj -5522 Jul 19 j 20:12 greatest brilliancy -5519 Jan 18 j 03:25 13°**II**34'54 1°14'07 12°M20'37 minimum elong -4.8m 0ಂತಾ -5519 Feb 15 j 02:13 -5522 Aug 01 j 21:26 0°**∡**¹ -5519 Feb 27 j 07:53 -5522 Aug 25 j 17:01  $0^{\circ}\Omega$ morning max el 11°**х** 05'54 45°56'39 2° **Q**51'47 evening rise -5522 Aug 27 j 23:35 -5519 Mar 18 j 02:25 0°궁 -5522 Sep 18 j 13:45 0° m desc. node -5519 Mar 18 j 12:23 0°る26'14 desc. node -5522 Oct 01 j 14:43 16° m 20'04 -5519 Apr 14 j 13:31 0°≈ 0°**)**€ -5522 Oct 12 j 13:25 0∘**⊽** -5519 May 10 j 15:13  $0^{\circ}\Upsilon$ -5522 Nov 05 j 17:15 0°M -5519 Jun 04 j 20:51 -5522 Nov 30 j 03:05 0°**∡**¹ -5519 Jun 29 j 11:59 0°8 -5522 Dec 24 j 23:12 0°궁 asc. node -5519 Jul 09 j 03:47 11°**8**55'30 -5519 Jul 23 j 16:16 -5521 Jan 19 j 14:44 0°≈  $0^{\circ}\Pi$ asc. node -5521 Jan 22 j 05:01 2°≈57'18 greatest brilliancy -5519 Aug 16 j 01:47 29°**Ⅲ**23'32 -3.9m -5521 Feb 15 j 22:43 0°**)**€ -5519 Aug 16 j 13:21 0ಂತಾ evening max el -5521 Mar 02 j 08:09 14°**)**€24'02 45°04'00 morning set -5519 Aug 23 j 11:10 8°9543'20 -5521 Mar 20 j 07:30  $0^{\circ}\Upsilon$ -5519 Sep 09 j 07:08  $0^{\circ}\Omega$ greatest brilliancy -5521 Apr 08 j 21:43 11°**Y**27'12 -4.7m retrograde -5521 Apr 19 j 11:06 13°**Y**25'55 superior conj -5519 Oct 02 j 23:48 29°**Ω**55'53 0°55'37 evening set -5521 May 04 j 10:42 9°Υ10'08 minimum elong -5519 Oct 03 j 11:21 0°My32'18 0°55'24 inferior conj -5521 May 10 j 18:54 5°**Y**27′25 0°49'27 -5519 Oct 03 j 01:06 0° m minimum elong -5521 May 10 j 20:43 5°**Y**24'38 0°48'56 max. Earth dist. -5519 Oct 07 j 07:07 5° Tp 21'25 1.70919 AU min. Earth dist. -5521 May 11 j 14:10 4°Υ57'54 0.28573 AU -5519 Oct 26 j 21:37 0∘**⊽** -5521 May 14 j 08:11 3°Y18'03 desc. node -5519 Oct 29 i 03:25 2°**£**48'35 desc. node morning rise -5521 May 17 i 05:55 1°Y38'49 -5519 Nov 14 i 20:58 23°**-**43′46 evening rise -5521 May 20 j 13:06 30°**₹** -5519 Nov 19 j 21:41 0°M -5521 Jun 01 j 11:43 27°**)**€ 12'45 -5519 Dec 14 j 01:37 0°×7 direct -5518 Jan 07 j 10:12 0°궁 greatest brilliancy -5521 Jun 12 j 19:28 29°**)** 30'47 -4.8m  $0^{\circ}\Upsilon$ -5518 Feb 01 j 01:35 -5521 Jun 14 j 00:26 0°≈ 28°**Y**'33'25 46°26'39 -5521 Jul 21 j 08:08 -5518 Feb 18 j 17:00 21°≈10'07 morning max el asc node 0°) -5521 Jul 22 j 18:59 0°8 -5518 Feb 26 j 03:43  $0^{\circ}\Upsilon$ -5521 Aug 19 j 14:58  $0^{\circ}II$ -5518 Mar 23 j 22:56  $0^{\circ}$ 8 -5521 Sep 04 j 01:32 17°**Ⅲ**57′03 -5518 Apr 19 j 23:58 asc. node -5521 Sep 14 j 03:45 -5518 May 13 j 03:13 23°**8**35'35 45°41'41 0°00 evening max el -5521 Oct 08 j 17:39  $0^{\circ}\Omega$ -5518 May 20 j 00:32  $0^{\circ}\Pi$ -5521 Nov 01 j 22:49 0° m desc. node -5518 Jun 10 j 19:21 16°**I**I50'41 -5521 Nov 26 j 02:51 0∘**⊽** greatest brilliancy -5518 Jun 21 j 14:44 22°**Ⅲ**01'04 -4.8m -5521 Dec 20 j 09:01 0°M retrograde -5518 Jul 01 j 06:20 23°**Ⅱ**41'34 -5521 Dec 25 j 02:47 5°M50'44 -5518 Jul 17 j 23:45 18°**Ⅲ**29'17 desc. node evening set -5520 Jan 13 j 17:43 0°**√** -5518 Jul 22 j 04:20 16°**耳**00'44 -8°04'03 inferior conj -5520 Jan 26 j 08:08 15°**х** 28′50 -5518 Jul 21 j 20:01 16°**耳**13'16 8°02'40 morning set minimum elong -5520 Feb 07 j 03:56 0°ರ -5518 Jul 22 j 08:31 15°**I**54'24 0.27221 AU min. Earth dist. -5518 Jul 25 j 16:05 13°**I**55'57 -5520 Mar 02 j 14:37 morning rise 1.73697 AU -5518 Aug 12 j 01:38 8°II15′09 max. Earth dist. -5520 Mar 03 j 17:24 1°**≈**22'11 direct -5518 Aug 22 j 20:57 10°**Ⅲ**25'34 greatest brilliancy -4.9m -5520 Mar 04 j 01:01 1°≈45'36 -1°17'05 -5518 Sep 19 j 21:17 superior conj 0ಂತಾ minimum elong -5520 Mar 04 i 07:00 2°≈03'55 1°17'16 asc. node -5518 Oct 01 i 12:43 11°9520'55 -5520 Mar 27 i 01:14 0°**)**€ -5518 Oct 01 i 18:36 11°536'00 46°50'19 morning max el evening rise -5520 Apr 09 i 05:04 16° **)** 09'24 -5518 Oct 18 j 22:01  $0^{\circ}\Omega$ asc. node -5520 Apr 15 j 15:51 24° ¥ 04'23 -5518 Nov 13 j 23:04 0° m -5520 Apr 20 j 11:44  $0^{\circ}\Upsilon$ -5518 Dec 09 j 03:08 0∘**⊽** -5520 May 14 j 22:20 0°8 -5517 Jan 03 j 01:06 oom. -5520 Jun 08 j 09:40  $0^{\circ}II$ -5517 Jan 21 j 15:13 22°M26'11 desc node -5520 Jul 02 j 23:12 0ಂತಾ 0°×7 -5517 Jan 27 j 21:25 -5517 Feb 21 j 16:21 -5520 Jul 27 j 17:43  $0^{\circ}\Omega$ 0°정 desc. node -5520 Aug 05 j 16:05 10°**Ω**43'04 -5517 Mar 18 j 08:53 0°≈ -5520 Aug 21 j 22:07  $0^{\circ}$  mb -5517 Apr 05 j 02:40 21°≈39'24 morning set -5520 Sep 16 j 23:07 0∘ଫ -5517 Apr 11 j 22:14 0°**)**€

evening max el

greatest brilliancy

asc. node

retrograde

evening set

inferior conj

morning rise

min. Earth dist.

minimum elong

-5520 Oct 08 j 10:51

-5520 Oct 15 j 07:13

-5520 Nov 17 j 18:46

-5520 Nov 26 j 08:26

-5520 Nov 28 j 14:29

-5520 Dec 13 j 21:57

-5520 Dec 18 j 11:53

-5520 Dec 19 j 13:49

-5520 Dec 19 j 04:57

-5520 Dec 24 j 12:51

23°**2**09'43 47°28'54

-4.9m

0.27914 AU

5°14'37

5°12'19

0°M

24°M59'22

27°**™**08'08

27°M14'23

22°M26'56

19°M38'20

18°M57'03

19°ML11'09

15°M53'36

 $0^{\circ}\Upsilon$ 

0°**Υ**44'46 1.73282 AU

0°08'02

5°Υ25'46 -0°08'06

5°**Y**30'35

4°**Y**31'27

6°**Y**29'44

9°**Y**41'49

19°838'10

0°8

-5517 May 06 j 08:01

-5517 May 06 j 22:32

-5517 May 10 j 17:39

-5517 May 10 j 19:13

-5517 May 10 j 00:03

-5517 May 11 j 14:23

-5517 May 14 j 04:36

-5517 May 30 j 14:16 -5517 Jun 15 j 09:44

max. Earth dist.

minimum elong

behind sun begin

behind sun end

superior conj

asc. node

evening rise

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5517 Jun 23 j 17:36  $0^{\circ}\Pi$ -5515 Nov 11 j 20:22 0° m -5517 Jul 17 j 19:24 0ಂತಾ -5515 Dec 14 j 09:28 27° m 08'51 46°30'48 morning max el -5515 Dec 17 j 05:22  $0^{\circ}\Omega$ -5517 Aug 10 j 21:39 0∘Ω 28°**Ω**51′02 -5517 Sep 03 j 04:16 desc. node -5514 Jan 14 j 04:04 oom. -5517 Sep 04 j 02:36 0°×7 0° m -5514 Feb 09 j 13:39 9°×754'40 -5517 Sep 28 j 12:46 0∘ଫ desc. node -5514 Feb 18 j 03:03 -5517 Oct 23 j 08:03 0°M -5514 Mar 07 j 07:15 0°궁 -5517 Nov 17 j 21:37 0°×7 -5514 Apr 01 j 14:24 0°≈ -5517 Dec 15 j 08:05 0°궁 -5514 Apr 26 j 12:49 0°**)**€  $0^{\circ}\Upsilon$ evening max el -5517 Dec 19 j 02:42 3°**⋜**49'21 46°03'37 -5514 May 21 j 03:16 25°**Y**33′29 asc. node -5517 Dec 24 j 19:46 9°**る**24'11 morning set -5514 Jun 10 j 20:29 -5516 Jan 19 j 22:18 0°≈ asc. node -5514 Jun 10 j 17:23 25°**Y**23′52 greatest brilliancy -5516 Jan 26 j 18:55 3°**≈**16′38 -4.8m -5514 Jun 14 j 10:24 0°8 retrograde -5516 Feb 06 j 15:11 5°≈27'07 -5514 Jul 08 j 11:29  $0^{\circ}\Pi$ -5516 Feb 23 j 10:19 30°Rる max. Earth dist. -5514 Jul 14 j 04:09 7°**Ⅱ**08′21 1.71593 AU evening set -5516 Feb 24 j 07:17 29°る28'28 inferior conj -5516 Feb 28 j 02:46 27°**る**04'34 7°51'51 superior conj -5514 Jul 17 j 19:21 11°**Ⅱ**42'03 1°12'20 minimum elong -5516 Feb 28 j 07:20 26°**る**57'15 7°51'13 minimum elong -5514 Jul 17 j 11:12 11°**Ⅱ**16′26 1°12'26 min. Earth dist. -5516 Feb 28 j 08:34 26°**る**55'17 0.29459 AU -5514 Aug 01 j 08:34 morning rise -5516 Mar 03 j 07:24 24°る26'24 evening rise -5514 Aug 25 j 10:49 0°**Ω**20'35 direct -5516 Mar 20 j 20:42 18°る35'53 -5514 Aug 25 j 04:17  $0^{\circ}\Omega$ greatest brilliancy -5516 Mar 30 j 19:19 20°る22'13 -5514 Sep 18 i 01:09 0° m -4.7m desc. node -5516 Apr 14 j 23:21 28°る25'38 -5514 Sep 30 i 16:45 15° m 50'37 desc. node -5516 Apr 17 i 04:51 0°≈ -5514 Oct 12 i 00:57 0∘**⊽** -5516 May 08 j 17:45 18°**≈**22'20 45°54'31 -5514 Nov 05 j 04:58 0°M morning max el -5516 May 20 j 10:43 0°**₩** -5514 Nov 29 j 15:09 0°×7 -5516 Jun 17 j 02:17  $0^{\circ}\Upsilon$ 0°궁 -5514 Dec 24 j 11:59 0°8 -5513 Jan 19 j 05:04 -5516 Jul 12 j 21:06 0°≈ -5516 Aug 05 j 15:55 28°**8**46'58 -5513 Jan 21 j 07:08 2°≈22'05 asc node asc. node -5513 Feb 15 j 17:03 -5516 Aug 06 j 15:43 0°П 0°**∀** -5516 Aug 30 j 19:58 0°9 -5513 Feb 28 j 00:31 12°**升** 15′08 45°04'24 evening max el -5516 Sep 23 j 16:56 0° $\Omega$ -5513 Mar 20 j 21:13  $0^{\circ}$ -5516 Oct 17 j 12:15 0° m greatest brilliancy -5513 Apr 06 j 12:36 9°**Y**16′37 -4.7m 11°**Y**15'36 -5513 Apr 17 j 02:49 morning set -5516 Nov 08 j 06:29 27° m 19'56 retrograde -5513 May 02 j 03:32 -5516 Nov 10 j 09:36 0∘**⊽** evening set 6°**Y**57′59 desc. node -5516 Nov 25 j 16:13 19°**♀**05'20 inferior conj -5513 May 08 j 10:29 3°**Υ**16'15 1°09'14 -5516 Dec 04 j 10:25  $0^{\circ}$ M minimum elong -5513 May 08 j 13:01 3°Υ12'23 1°08'30 min. Earth dist. -5513 May 09 j 05:46 2°**Y**46'38 0.28623 AU superior conj -5516 Dec 20 j 06:46 19°M41'16 -0°52'26 -5513 May 13 j 10:24 0°Y16'15 desc. node -5516 Dec 19 j 20:12 19°M08'30 0°52'15 -5513 May 13 j 21:53 30°**₹**₩ minimum elong max. Earth dist. -5516 Dec 24 j 10:46 24°M51'06 1.72460 AU -5513 May 14 j 21:47 29°¥27'03 morning rise -5516 Dec 28 j 14:33 -5513 May 30 j 04:23 25°**₩**00'51 0°×7 direct -5515 Jan 21 j 21:27 0°る -5513 Jun 10 j 10:29 27°**)** 17'34 greatest brilliancy -4.8m -5515 Jan 28 j 17:07 8°る23'49 -5513 Jun 16 j 06:39  $0^{\circ}\Upsilon$ evening rise -5513 Jul 18 j 23:55 26°Υ18'51 46°25'17 -5515 Feb 15 j 07:09 morning max el greatest brilliancy -5515 Feb 20 i 20:32 6°**≈**48'26 -3.9m -5513 Jul 22 j 16:22 0°8 -5515 Mar 11 j 20:28 0°**)**€ -5513 Aug 19 i 06:42  $0^{\circ}II$ asc. node -5515 Mar 18 i 05:18 7° **)** 44'33 asc. node -5513 Sep 03 i 03:37 17°**Ⅲ**20'42 -5515 Apr 05 j 14:42  $0^{\circ}\Upsilon$ -5513 Sep 13 j 17:26 0ಂತಾ -5515 Apr 30 j 15:27 0°8 -5513 Oct 08 j 06:20  $0^{\circ}\Omega$ -5515 May 26 j 01:38  $0^{\circ}II$ -5513 Nov 01 j 10:55 O° m -5515 Jun 21 j 04:11 0ಂತಾ -5513 Nov 25 j 14:30 0∘Ω -5515 Jul 08 j 06:36 18°952'45 desc node -5513 Dec 19 j 20:20 oom. -5515 Jul 18 j 19:11  $0^{\circ}\Omega$ -5513 Dec 24 j 04:58 5°M22'45 desc. node -5515 Jul 25 j 19:57 7°**Ω**07'27 47°14'29 -5512 Jan 13 j 04:46 0°×7 evening max el 0° m -5512 Jan 23 j 22:50 13° **₹** 12'53 -5515 Aug 21 j 01:05 morning set greatest brilliancy -5515 Sep 05 j 05:45 8° Mp 11'00 -4.9m -5512 Feb 06 j 14:49 0°궁 retrograde -5515 Sep 14 j 09:30 9° m/47'18 -5512 Mar 01 j 18:55 29°る40'04 -1°18'10 evening set -5515 Sep 30 j 07:25 4° m 49'56 superior conj inferior conj -5515 Oct 05 j 00:09 2° m 01'40 -5°41'30 minimum elong -5512 Mar 02 j 00:24 29°**る**56'55 1°18'23 minimum elong -5515 Oct 05 j 10:30 1° m/45'51 5°38'43 max. Earth dist. -5512 Mar 01 j 16:40 29°る33'11 1.73683 AU -5515 Oct 04 j 23:12 2° Mp 03'07 0.26450 AU -5512 Mar 02 j 01:24 0°≈ min. Earth dist. -5515 Oct 08 j 08:46 30°R€ -5512 Mar 26 j 12:02 0°**)**€ morning rise -5515 Oct 10 j 13:36 28°**Ω**44'56 evening rise -5512 Apr 07 j 00:20 14°**)** 07'57 direct -5515 Oct 25 j 04:31 24°**Ω**26′20 asc. node -5512 Apr 14 j 17:58 23°**X**37'29 -5512 Apr 19 j 22:39  $0^{\circ}\Upsilon$ asc. node -5515 Oct 28 j 23:34 24°**Ω**43'42 26°**Ω**24'41 -4.9m -5512 May 14 j 09:31 0°8 greatest brilliancy -5515 Nov 04 j 08:18

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5512 Jun 07 j 21:16  $0^{\circ}\Pi$ desc. node -5509 Jan 20 i 17:11 21°M56'35 -5512 Jul 02 j 11:27 0ಂತಾ -5509 Jan 27 j 09:03 0°×7 -5512 Jul 27 j 06:51  $0^{\circ}\Omega$ -5509 Feb 21 j 03:31 0°궁 -5509 Mar 17 j 19:44 10°**Ω**08'44 desc. node -5512 Aug 04 j 18:08 0°≈≈ 0° m -5512 Aug 21 j 12:40 morning set -5509 Apr 02 j 21:48 19°≈38'20 0∘**⊽** -5509 Apr 11 j 08:55 -5512 Sep 16 j 16:27 0°**)**€ -5512 Oct 06 j 03:17 evening max el 20°**♀**52'23 47°30'38 max. Earth dist. -5509 May 04 j 20:27 28°**₭**51'36 1.73327 AU  $0^{\circ}\Upsilon$ -5512 Oct 15 j 08:47  $0^{\circ}$ M -5509 May 05 j 18:39 -5512 Nov 15 j 11:28 22°M41'31 greatest brilliancy -4.9m  $3^{\circ}$ Y24'32  $-0^{\circ}$ 11'05 asc. node -5512 Nov 25 j 10:47 24°M54'35 superior conj -5509 May 08 j 12:59 retrograde -5512 Nov 26 j 06:28 24°M55'25 minimum elong -5509 May 08 j 15:07 3°**Ƴ**31′07 0°10'59 2°**Y**41'43 evening set -5512 Dec 11 j 11:23 20°M11'56 behind sun begin -5509 May 07 j 23:06 4°**Y**20'32 min. Earth dist. -5512 Dec 16 j 02:57 17°M20'51 0.27830 AU behind sun end -5509 May 09 j 07:08 inferior conj -5512 Dec 17 j 05:06 16°M39'12 4°58'24 asc. node -5509 May 13 j 06:51 9°Y15'52 minimum elong -5512 Dec 16 j 20:27  $16^{\circ}$ M $_52'59$ 4°56'05 -5509 May 30 j 01:00 0°8 morning rise -5512 Dec 22 j 06:29 13°M32'27 evening rise -5509 Jun 13 j 04:20 17°833'08 direct -5511 Jan 07 j 00:45  $8^{\circ}$ MJ38'21-5509 Jun 23 j 04:33  $0^{\circ}\Pi$ greatest brilliancy -5511 Jan 15 j 17:39  $10^{\circ}$  ML 04'03-4.8m -5509 Jul 17 j 06:37 0ಂತಾ -5511 Feb 15 j 07:00 0°×7 -5509 Aug 10 j 09:11  $0^{\circ}\Omega$ 8°**∡**¹51'57 morning max el -5511 Feb 24 j 22:27 45°57'21 desc. node -5509 Sep 02 j 06:20 28° N 20'30 desc. node -5511 Mar 17 j 14:30 29°**х** 46′25 -5509 Sep 03 j 14:35 0° m -5511 Mar 17 j 19:38 0°궁 -5509 Sep 28 i 01:19 0∘**⊽** -5511 Apr 14 i 03:27 0°≈ -5509 Oct 22 j 21:32 0°M -5511 May 10 j 03:41 0°**)**€ -5509 Nov 17 j 12:55 0°×7 -5511 Jun 04 j 08:35  $0^{\circ}\Upsilon$ -5509 Dec 15 i 04:26 0°정 -5511 Jun 28 j 23:19 0°8 -5509 Dec 16 j 17:18 1°る32'45 46°06'53 evening max el -5511 Jul 08 j 05:54 11°**8**27'15 -5509 Dec 23 j 21:52 8°る32'20 asc node asc. node -5511 Jul 23 j 03:24 -5508 Jan 21 j 18:41 0°Π 0°≈≈ 28°**Ⅱ**47'50 greatest brilliancy -5508 Jan 24 j 11:52 1°**≈**09'05 greatest brilliancy -5511 Aug 15 j 01:33 -4 8m -3 9m -5511 Aug 16 j 00:26 -5508 Feb 04 j 08:44 3°≈20'42 0°9 retrograde -5508 Feb 17 j 07:02 30°Rる -5511 Aug 20 j 23:29 6°915'45 morning set -5511 Sep 08 j 18:12 -5508 Feb 22 j 01:39 0° $\Omega$ 27°る19'43 evening set -5508 Feb 25 j 20:04 24°る57'32 7°56'43 inferior conj -5511 Sep 30 j 08:58 27°**Ω**18'32 0°58'32 -5508 Feb 26 j 00:03 superior conj minimum elong 24°る51'09 7°56'09 -5511 Sep 30 j 20:34 -5508 Feb 26 j 00:42 24°る50'08 0.29447 AU minimum elong 27°**Ω**55'07 0°58'20 min. Earth dist. -5511 Oct 02 j 12:11 -5508 Feb 29 j 22:29 22°**る**22'51 0° m morning rise max. Earth dist. -5511 Oct 04 j 09:20 2° Mp 22'16 1.70892 AU direct -5508 Mar 18 j 13:03 16°**る**28'57 -5511 Oct 26 j 08:44 0∘**⊽** greatest brilliancy -5508 Mar 28 j 11:03 18°る14'47 -4.7m desc. node -5511 Oct 28 j 05:34 2°**£**20'31 desc. node -5508 Apr 14 j 01:31 27°る17'10 -5511 Nov 12 j 05:47 21°**♀**06'43 -5508 Apr 17 j 17:45 evening rise 0°≈ -5511 Nov 19 j 08:49 0°M morning max el -5508 May 06 j 10:13 16°**≈**14'29 45°54'04 -5511 Dec 13 j 12:48 0°×7 -5508 May 20 j 04:56 0°) -5510 Jan 06 j 21:30 0°る -5508 Jun 16 j 16:35  $0^{\circ}\Upsilon$ -5510 Jan 31 j 13:12 -5508 Jul 12 j 09:50  $0^{\circ}$ 8 -5510 Feb 17 j 19:05 20°≈40'27 -5508 Aug 04 j 18:00 28°816'26 asc. node asc. node -5510 Feb 25 i 16:02 0°**)**€ -5508 Aug 06 i 03:43  $0^{\circ}II$  $0^{\circ}\Upsilon$ -5510 Mar 23 i 12:45 -5508 Aug 30 i 07:35 0ಂತಾ -5510 Apr 19 j 17:08 0°8 -5508 Sep 23 i 04:21  $0^{\circ}\Omega$ -5510 May 10 j 16:04 21°815'18 45°38'45 -5508 Oct 16 j 23:33 0° m evening max el -5510 May 20 j 04:36  $0^{\circ}\Pi$ -5508 Nov 05 j 16:03 24° m 44'25 morning set desc. node -5510 Jun 09 j 21:35 15°**Ⅲ**23'42 -5508 Nov 09 j 20:46 0∘**⊽** -5510 Jun 19 j 02:45 19°**Ⅲ**38′08 -4.8m -5508 Nov 24 j 18:23 18°**£**37'34 greatest brilliancy desc node -5510 Jun 28 j 18:14 21°**Ⅱ**18'49 -5508 Dec 03 j 21:28 0°M retrograde -5510 Jul 15 j 08:22 16°**Ⅱ**12'13 evening set -5510 Jul 19 j 17:12 13°**耳**37′50 -7°53′21 superior conj -5508 Dec 17 j 18:08 17°ML13'37 -0°49'29 inferior conj -5510 Jul 19 j 08:21 13°**耳**51'11 7°51'48 minimum elong -5508 Dec 17 j 07:44 16°ML41'21 0°49'19 minimum elong 13°**II**30'37 0.27262 AU -5510 Jul 19 j 21:59 max. Earth dist. -5508 Dec 21 j 23:15 22°M27'05 1.72400 AU min. Earth dist. -5510 Jul 23 j 08:04 11°**Ⅲ**28′26 -5508 Dec 28 j 01:30 0°**∡**7 morning rise -5510 Aug 09 j 14:34 5°**I**I51'13 -5507 Jan 21 j 08:21 0°ರ direct -5510 Aug 20 j 11:50 -5507 Jan 26 j 08:19 6°る09'21 greatest brilliancy 8°**Ⅲ**02'47 -4.9m evening rise -5510 Sep 20 j 01:15 0ಂತಾ -5507 Feb 14 j 18:07 0°≈ morning max el -5510 Sep 29 j 06:43 9°506'13 46°50'16 -5507 Mar 11 j 07:38 0°**)**€ asc. node -5510 Sep 30 j 14:52 10°9528'52 asc. node -5507 Mar 17 j 07:28 7°**)** 17'05  $0^{\circ}\Upsilon$ -5510 Oct 18 j 15:48 0° $\Omega$ -5507 Apr 05 j 02:16 -5510 Nov 13 j 13:42 0° m -5507 Apr 30 j 03:44 0°8 -5510 Dec 08 j 16:16 0∘**⊽** -5507 May 25 j 15:10 0°Щ

-5507 Jun 20 j 20:05

0ಂತಾ

-5509 Jan 02 j 13:21

0°M

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 80 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomi	cal year style is used: Th	e year -5899 i	n astronomical cou	nting style is the year	5900 BCE in historical co	ounting style.	5
desc. node	-5507 Jul 07 j 08:36	18° <b>5</b> 07'58			-5505 Dec 19 j 07:48	$0^{\circ}$ M	
	-5507 Jul 18 j 16:41	$0^{\circ}\Omega$		desc. node	-5505 Dec 23 j 06:58	4°M53'38	
evening max el	-5507 Jul 23 j 09:13	4° <b>Ω</b> 42'45	47°11'43		-5504 Jan 12 j 16:00	0° <b>∡</b> ¹	
	-5507 Aug 22 j 06:40	0° <b>m</b>		morning set	-5504 Jan 21 j 12:54	10° <b>₹</b> 54′26	
greatest brilliancy	-5507 Sep 02 j 18:05	5° Mp 40′27	-4.9m		-5504 Feb 06 j 01:52	0° <b>ට</b>	
retrograde	-5507 Sep 11 j 22:10	7° <b>m</b> 16'43				<b></b>	
evening set	-5507 Sep 27 j 22:45	2° m 14'44		superior conj	-5504 Feb 28 j 12:20	27° <b>る</b> 32'38	
	-5507 Oct 01 j 17:27	30°R <b>Ω</b>	(00011)	minimum elong	-5504 Feb 28 j 17:18	27° <b>⋜</b> 47'54	
inferior conj	-5507 Oct 02 j 12:12 -5507 Oct 02 j 22:46	29° <b>Ω</b> 31'24 29° <b>Ω</b> 15'17		max. Earth dist.	-5504 Feb 28 j 14:55 -5504 Mar 01 j 12:21	2/° <b>⊘</b> 40′34 0° <b>≈</b>	1.73661 AU
minimum elong min. Earth dist.	-5507 Oct 02 j 22.46		0.26454 AU		-5504 Mar 25 j 22:57	0 <b>≈</b> 0° <b>H</b>	
morning rise	-5507 Oct 02 j 11:50	26° <b>Ω</b> 19'04	0.20434 AO	evening rise	-5504 Apr 04 j 19:20	0 X 12° <b>∺</b> 05'17	
direct	-5507 Oct 22 j 17:10	21° <b>Ω</b> 56'10		asc. node	-5504 Apr 13 j 20:10	23° <b>H</b> 10'28	
asc. node	-5507 Oct 28 j 01:52	22° <b>Ω</b> 30'40		ase. node	-5504 Apr 19 j 09:42	0°Υ	
greatest brilliancy	-5507 Nov 01 j 21:11	23° <b>£</b> 55′20	-4.9m		-5504 May 13 j 20:50	0°8	
,	-5507 Nov 13 j 08:52	0° <b>m</b> )			-5504 Jun 07 j 09:03	$\Pi^{\circ}0$	
morning max el	-5507 Dec 11 j 23:58	24° m/46'54	46°32'05		-5504 Jul 01 j 23:50	0ಂತಾ	
	-5507 Dec 17 j 03:10	0∘ <b>⊽</b>			-5504 Jul 26 j 20:08	$0^{\circ}\Omega$	
	-5506 Jan 13 j 20:05	$0^{\circ}$ M.		desc. node	-5504 Aug 03 j 20:18	9° <b>Ω</b> 34'23	
	-5506 Feb 09 j 03:18	0° <b>∡</b> ¹			-5504 Aug 21 j 03:24	0° <b>m</b>	
desc. node	-5506 Feb 17 j 05:12	9° <b>х¹</b> 22'33			-5504 Sep 16 j 10:10	0∘ <b>ত</b>	
	-5506 Mar 06 j 19:38	0°ප		evening max el	-5504 Oct 03 j 18:35	18° <b>≏</b> 31'52	47°32'01
	-5506 Apr 01 j 02:03	0° <b>≈</b>			-5504 Oct 15 j 11:55	0°M	
	-5506 Apr 26 j 00:02	0° <b>∀</b>		greatest brilliancy	-5504 Nov 13 j 04:28	20°M23'00	-4.9m
	-5506 May 20 j 14:14	0° <b>Υ</b>		retrograde	-5504 Nov 23 j 21:44	22°M35'07	
morning set	-5506 Jun 08 j 14:32	23° <b>Y</b> 27'05		asc. node	-5504 Nov 24 j 12:52	22°M34'37	
asc. node	-5506 Jun 09 j 19:30	24° <b>Ƴ</b> 56'47 0° <b>ප</b>		evening set	-5504 Dec 09 j 00:43	17°M55'24	0.27752 ALL
	-5506 Jun 13 j 21:16 -5506 Jul 07 j 22:21	0°II		min. Earth dist. inferior conj	-5504 Dec 13 j 18:17 -5504 Dec 14 j 20:13	13 IILO1 23 14°ML20'05	0.27752 AU 4°41'27
max. Earth dist.	-5506 Jul 11 j 16:39		1.71650 AU	minimum elong	-5504 Dec 14 j 11:49	14°M33'28	4°39'09
max. Lattii dist.	-5500 Jul 11 j 10.57	<b>4 1142</b> 30	1.71030 AC	morning rise	-5504 Dec 19 j 23:53	11°ML09'57	4 37 07
superior conj	-5506 Jul 15 j 11:20	9° <b>Ⅱ</b> 27'21	1°10'35	direct	-5503 Jan 04 j 15:01	6°M20'41	
minimum elong	-5506 Jul 15 j 02:54	9° <b>Ⅱ</b> 00'51		greatest brilliancy	-5503 Jan 13 j 08:28	7°M46'36	-4.8m
Č	-5506 Jul 31 j 19:32	0ಂತಾ		· ·	-5503 Feb 15 j 10:32	0° <b>∡</b> ¹	
evening rise	-5506 Aug 22 j 22:37	27° <b>©</b> 51'35		morning max el	-5503 Feb 22 j 12:16	6° <b>∡</b> ³34'54	45°58'06
	-5506 Aug 24 j 15:25	$0^{\circ}\Omega$		desc. node	-5503 Mar 16 j 16:43	29° <b>х</b> ¹06′18	
	-5506 Sep 17 j 12:29	0° <b>m</b>			-5503 Mar 17 j 12:53	5°0	
desc. node	-5506 Sep 29 j 18:57	15° <b>m</b> 21'43			-5503 Apr 13 j 17:33	0° <b>≈</b>	
	-5506 Oct 11 j 12:29	0∘ <b>ত</b>			-5503 May 09 j 16:20	0° <b>∀</b>	
	-5506 Nov 04 j 16:45	0° <b>M</b>			-5503 Jun 03 j 20:28	0° <b>Υ</b>	
	-5506 Nov 29 j 03:20	0° <b>∡</b>			-5503 Jun 28 j 10:49	0°8	
	-5506 Dec 24 j 00:55	0° <b>ට</b>		asc. node	-5503 Jul 07 j 07:54	10° <b>8</b> 58′04 0° <b>Ⅱ</b>	
asc. node	-5505 Jan 18 j 19:37 -5505 Jan 20 j 09:14	0° <b>≈</b> 1° <b>≈</b> 46'27		greatest brilliancy	-5503 Jul 22 j 14:44 -5503 Aug 14 j 02:16	0° II 28° II 14'35	2 0m
asc. node	-5505 Feb 15 j 11:51	0° <b>)</b> €		greatest orimancy	-5503 Aug 14 j 02:10	0°9	-3.9111
evening max el	-5505 Feb 25 j 16:45	10° <b>₩</b> 05'57	45°05'00	morning set	-5503 Aug 18 j 12:12	3°5648'49	
evening man er	-5505 Mar 21 j 15:28	0° <b>Υ</b>		morning sec	-5503 Sep 08 j 05:27	0° <b>Ω</b>	
greatest brilliancy	-5505 Apr 04 j 04:21	7° <b>Ƴ</b> 07'29	-4.7m		1 ,		
retrograde	-5505 Apr 14 j 18:18	9° <b>Y</b> 06'00		superior conj	-5503 Sep 27 j 18:45	24° <b>Ω</b> 42'30	1°01'18
evening set	-5505 Apr 29 j 20:45	4° <b>Ƴ</b> 46'32		minimum elong	-5503 Sep 28 j 06:17	25° <b>Ω</b> 18'54	1°01'06
inferior conj	-5505 May 06 j 02:20	1° <b>Y</b> 06'00	1°28'49	max. Earth dist.	-5503 Oct 01 j 09:37	29° <b>Ω</b> 16′27	1.70866 AU
minimum elong	-5505 May 06 j 05:32	1° <b>Y</b> 01'04	1°27'52		-5503 Oct 01 j 23:26	0° <b>m</b>	
min. Earth dist.	-5505 May 06 j 21:52	0° <b>Ƴ</b> 35'52	0.28669 AU		-5503 Oct 25 j 20:00	0∘ <b>ত</b>	
	-5505 May 07 j 21:14	30° <b>₹</b>		desc. node	-5503 Oct 27 j 07:43	1° <b>≙</b> 51'54	
morning rise	-5505 May 12 j 13:39	27° <b>)</b> 16′12		evening rise	-5503 Nov 09 j 14:52	18° <b>£</b> 29'57	
desc. node	-5505 May 12 j 12:38	27° <b>H</b> 17'34			-5503 Nov 18 j 20:09	0°M 0°. <b>7</b>	
direct greatest brilliancy	-5505 May 27 j 20:59 -5505 Jun 08 j 01:43	22° <b>)</b> 49′54 25° <b>)</b> 05′07	-4.8m		-5503 Dec 13 j 00:13 -5502 Jan 06 j 09:05	∇°0 でる	
greatest brillancy	-5505 Jun 17 j 17:45	23 <b>χ</b> 0307 0° <b>Υ</b>	T.0111		-5502 Jan 31 j 01:10	0°≈	
morning max el	-5505 Jul 16 j 15:06	24° <b>Υ</b> 03'15	46°24'02	asc. node	-5502 Feb 16 j 21:15	0 <b>~</b> 20° <b>≈</b> 09'52	
B VI	-5505 Jul 22 j 12:53	0°8			-5502 Feb 25 j 04:47	0° <b>∺</b>	
	-5505 Aug 18 j 22:06	0°II			-5502 Mar 23 j 03:06	0° <b>Υ</b>	
asc. node	-5505 Sep 02 j 05:52	16° <b>Ⅱ</b> 45'21			-5502 Apr 19 j 11:05	0°8	
	-5505 Sep 13 j 06:56	0ංම		evening max el	-5502 May 08 j 04:48	18° <b>8</b> 54'00	45°36'10
	-5505 Oct 07 j 18:55	$0^{\circ}\Omega$			-5502 May 20 j 11:01	$\Pi^{\circ}0$	
	-5505 Oct 31 j 23:00	0° <b>m</b>		desc. node	-5502 Jun 08 j 23:36	13° <b>Ⅱ</b> 52'41	
	-5505 Nov 25 j 02:14	0∘ <b>⊽</b>		greatest brilliancy	-5502 Jun 16 j 14:23	17° <b>Ⅱ</b> 14'16	-4.8m

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5502 Jun 26 j 06:37 18°**Ⅲ**55'53 -5500 Dec 03 j 08:48 retrograde 0°M -5502 Jul 12 j 17:03 13°**I**I54'29 evening set -5502 Jul 17 j 06:09 11°**Ⅱ**14'27 -7°41'47 -5500 Dec 15 j 05:23 14°M44'35 -0°46'28 inferior conj superior conj -5502 Jul 16 j 20:50 -5500 Dec 14 j 19:15 11°**I**I28'29 7°40'04 14°ML13'07 0°46'16 minimum elong minimum elong -5502 Jul 17 j 11:22 -5500 Dec 19 j 12:22 min. Earth dist. 11°**Ⅱ**06'36 0.27303 AU max. Earth dist. 20°M04'06 1.72339 AU -5500 Dec 27 j 12:44 morning rise -5502 Jul 21 j 00:16 9°**Ⅱ**00′27 0°**∡**7 direct -5502 Aug 07 j 03:42 3°**I**I26'38 -5499 Jan 20 j 19:32 0°궁 greatest brilliancy -5502 Aug 18 j 02:49 5°**Ⅲ**39'39 -4.9m evening rise -5499 Jan 23 j 23:32 3°る54'05 -5502 Sep 20 j 03:56 0°00 -5499 Feb 14 j 05:21 0°≈ morning max el -5502 Sep 26 j 20:01 6°938'48 46°50'16 -5499 Mar 10 j 19:05 0°**)**€ asc. node -5502 Sep 29 j 17:05 9°937'07 asc. node -5499 Mar 16 j 09:40 6°**)** 48'44  $0^{\circ}\Upsilon$ -5502 Oct 18 j 09:27  $0^{\circ}\Omega$ -5499 Apr 04 j 14:10 -5502 Nov 13 j 04:25 0° M -5499 Apr 29 j 16:27 0°8 -5502 Dec 08 j 05:34 0∘**⊽** -5499 May 25 j 05:13  $0^{\circ}\Pi$ -5501 Jan 02 j 01:48 0°M -5499 Jun 20 j 12:39 0ಂತಾ desc. node -5501 Jan 19 j 19:20 21°M26'49 desc. node -5499 Jul 06 j 10:49 17°522'00 -5501 Jan 26 j 20:56 0°**√** -5499 Jul 18 j 15:26  $0^{\circ}\Omega$ -5501 Feb 20 j 14:59 0°る evening max el -5499 Jul 20 j 23:20 2°Ω19'16 47°09'02 -5501 Mar 17 j 06:57 0°≈ -5499 Aug 24 j 01:49 0° m morning set -5501 Mar 31 j 16:32 17°≈34'51 greatest brilliancy -5499 Aug 31 j 06:11 3°**m**09'03 -4.9m -5501 Apr 10 j 19:58 0°**∀** retrograde -5499 Sep 09 j 10:47 4° mp 45'11 max. Earth dist. -5501 May 02 j 18:52 26° **)** 58'44 1.73368 AU -5499 Sep 24 i 23:12 30°RΩ -5501 May 05 j 05:41  $0^{\circ}\Upsilon$ -5499 Sep 25 i 14:10 29°**Ω**38'49 evening set -5499 Sep 30 i 00:13 27°Ω00'19 -6°18'14 inferior coni -5501 May 06 i 07:58 1°Y21'02 -0°14'05 -5499 Sep 30 j 10:56 26°Ω44'01 6°15'33 superior conj minimum elong -5501 May 06 j 10:40 1°Υ29'21 0°13'57 -5499 Sep 30 j 00:13 27°**Ω**00′19 min. Earth dist. 0.26458 AU minimum elong -5501 May 06 j 00:13 0°Y57'08 -5499 Oct 05 j 07:47 behind sun begin 23°**Ω**52'35 morning rise -5501 May 06 j 21:07 2°Y01'35 -5499 Oct 20 j 06:01 19°**Ω**25′29 behind sun end direct 8°Y48'05 -5501 May 12 j 08:53 -5499 Oct 27 j 04:01 20°**Ω**22'18 asc. node asc. node -5501 May 29 j 12:06 greatest brilliancy -5499 Oct 30 j 09:39 0°8 21°**Ω**24'40 -4.9m -5501 Jun 10 j 22:46 15°**8**26'35 -5499 Nov 14 j 11:06 evening rise 0° m -5501 Jun 22 j 15:49  $0^{\circ}II$ -5499 Dec 09 j 14:13 22°m/23'29 46°33'15 morning max el -5501 Jul 16 j 18:09 0°9 -5499 Dec 17 j 00:28 0∘ಹ -5501 Aug 09 j 21:05  $0^{\circ}\Omega$ -5498 Jan 13 j 12:05 0°M -5501 Sep 01 j 08:31 27°**Ω**49'18 desc. node -5498 Feb 08 j 17:03 0°×7 -5501 Sep 03 j 02:55 0° m desc. node -5498 Feb 16 j 07:22 8°**х** 50′06 -5501 Sep 27 j 14:16 0∘**⊽** -5498 Mar 06 j 08:10 0°궁 -5501 Oct 22 j 11:24 0°M -5498 Mar 31 j 13:52 0°≈ -5501 Nov 17 j 04:43 0°**√** -5498 Apr 25 j 11:26 0°**)**€ -5501 Dec 14 j 08:49 29° ₹17'38 46°10'12 -5498 May 20 j 01:25  $0^{\circ}\Upsilon$ evening max el -5501 Dec 15 j 01:46 0°ರ -5498 Jun 06 j 08:27 21°Y19'30 morning set -5501 Dec 22 j 24:00 7°る38'52 -5498 Jun 08 j 21:33 24° **Y**28'42 asc. node asc. node -5500 Jan 22 j 04:11 28°る59'58 -5498 Jun 13 j 08:23  $0^{\circ}$ 8 greatest brilliancy -4.8m -5500 Jan 25 j 02:29 -5498 Jul 07 j 09:30 0°≈ max. Earth dist. -5498 Jul 09 j 02:27 2°**Ⅲ**08'14 1.71712 AU retrograde -5500 Feb 02 j 02:34 1°≈13'14 -5500 Feb 09 i 19:48 30°Rる evening set -5500 Feb 19 i 19:46 25°る10'10 superior conj -5498 Jul 13 i 03:11 7°II11'26 1°08'43 -5500 Feb 23 i 13:18 22°る49'20 8°00'50 minimum elong -5498 Jul 12 j 18:31 6°**Ⅱ**44'16 1°08'46 inferior conj -5500 Feb 23 i 16:42 22°る43'54 8°00'21 -5498 Jul 31 i 06:47 0ಂತಾ minimum elong -5500 Feb 23 j 16:24 22°₹44'23 0.29437 AU -5498 Aug 20 j 10:16 25°921'21 min. Earth dist. evening rise morning rise -5500 Feb 27 j 13:42 20°る17'53 -5498 Aug 24 j 02:49  $0^{\circ}\Omega$ -5500 Mar 16 j 05:48 14°る20'53 -5498 Sep 17 j 00:02 direct O° m 16°る05'43 -4.7m -5498 Sep 28 j 21:01 greatest brilliancy -5500 Mar 26 j 02:14 desc node 14° m 51'52 -5500 Apr 13 j 03:44 26°る09'26 -5498 Oct 11 j 00:12 0∘∙თ desc. node -5500 Apr 18 j 03:54 0°≈ -5498 Nov 04 j 04:43 0°M -5500 May 04 j 03:33 morning max el 14°≈07'33 45°53'29 -5498 Nov 28 j 15:43 0°×7 -5500 May 19 j 23:12 0°) -5498 Dec 23 j 14:05 0°정  $0^{\circ}\Upsilon$ -5500 Jun 16 j 07:11 -5497 Jan 18 j 10:29 0°≈ 0°8 -5500 Jul 11 j 22:54 asc. node -5497 Jan 19 j 11:31 1°≈10'35 asc. node -5500 Aug 03 j 20:15 27°**8**45'32 -5497 Feb 15 j 07:19 0°**)**€ -5500 Aug 05 j 16:00  $\Pi$ °0 evening max el -5497 Feb 23 j 08:27 7°**¥**55'02 45°05'42 -5500 Aug 29 j 19:27 0 $\circ$  $\odot$ -5497 Mar 22 j 16:25  $0^{\circ}\Upsilon$ -5500 Sep 22 j 16:01 0° $\Omega$ greatest brilliancy -5497 Apr 01 j 20:25  $4^{\circ}$ **Y**58'40 -4.7m -5500 Oct 16 j 11:06 0° m retrograde -5497 Apr 12 j 09:27 6°**Y**56'35 morning set -5500 Nov 03 j 01:43 22° m 08'13 evening set -5497 Apr 27 j 14:08 2°**Y**34'55 -5500 Nov 09 j 08:13 0∘**⊽** -5497 May 02 j 00:42 30°R **₩** 18°**≏**08'13 -5497 May 03 j 18:18 28°\\$55'56 1°47'59 desc. node -5500 Nov 23 j 20:21 inferior conj

-	ical year style is used: Th		•	, , , , , , , , , , , , , , , , , , ,			50 02
minimum elong	-5497 May 03 j 22:09	28° <b>)</b> 49′58		8 - 9 9	-5495 Oct 25 j 07:16	0。 <b>ಹ</b>	
min. Earth dist.	-5497 May 04 j 14:20	28° <b>)</b> 24′57	0.28719 AU	desc. node	-5495 Oct 26 j 09:43	1° <b>≏</b> 22'54	
morning rise	-5497 May 10 j 05:27	25° <b>)</b> €05'38		evening rise	-5495 Nov 06 j 23:23	15° <b>≏</b> 51'26	
desc. node	-5497 May 11 j 14:38	24° <b>)</b> €22'00			-5495 Nov 18 j 07:26	$0^{\circ}$ M	
direct	-5497 May 25 j 13:12	20° <b>)</b> 39′00			-5495 Dec 12 j 11:33	0° <b>∡</b> ¹	
greatest brilliancy	-5497 Jun 05 j 17:31	22° <b>)</b> 53′13	-4.8m		-5494 Jan 05 j 20:34	0°ರ	
	-5497 Jun 18 j 18:53	$0^{\circ}\Upsilon$			-5494 Jan 30 j 13:01	0° <b>≈</b>	
morning max el	-5497 Jul 14 j 05:38	21° <b>Y</b> 45'33	46°22'37	asc. node	-5494 Feb 15 j 23:26	19° <b>≈</b> 39'40	
	-5497 Jul 22 j 08:59	$9^{\circ}$ 8			-5494 Feb 24 j 17:27	0° <b>∀</b>	
	-5497 Aug 18 j 13:32	$\Pi$ $^{\circ}0$			-5494 Mar 22 j 17:25	$0$ ° $\mathbf{\gamma}$	
asc. node	-5497 Sep 01 j 08:00	16° <b>Ⅱ</b> 09'15			-5494 Apr 19 j 05:12	0° <b>8</b>	
	-5497 Sep 12 j 20:34	0ංම		evening max el	-5494 May 05 j 18:29	16° <b>8</b> 36'02	45°33'44
	-5497 Oct 07 j 07:39	$0$ $^{\circ}\Omega$			-5494 May 20 j 19:24	$\Pi^{\circ}0$	
	-5497 Oct 31 j 11:10	0° <b>m</b>		desc. node	-5494 Jun 08 j 01:50	12° <b>Ⅱ</b> 19'56	
	-5497 Nov 24 j 14:01	0∘ <b>⊽</b>		greatest brilliancy	-5494 Jun 14 j 01:35	14° <b>Ⅱ</b> 51'25	-4.8m
	-5497 Dec 18 j 19:17	0°M		retrograde	-5494 Jun 23 j 19:42	16° <b>Ⅱ</b> 34'42	
desc. node	-5497 Dec 22 j 09:06	4°M24'55		evening set	-5494 Jul 10 j 02:02	11° <b>II</b> 38'14	<b>500000</b>
	-5496 Jan 12 j 03:16	0° <b>∡</b> 7		inferior conj	-5494 Jul 14 j 19:18	8°II52'40	
morning set	-5496 Jan 19 j 02:50	8° <b>∡</b> ³35′21		minimum elong	-5494 Jul 14 j 09:34	9° <b>I</b> 107'17	
	-5496 Feb 05 j 12:57	0° <b>ප</b>		min. Earth dist.	-5494 Jul 15 j 00:36		0.27346 AU
	5406 E-1- 26:05:40	250725117	1920/01	morning rise	-5494 Jul 18 j 16:45	6° <b>Ⅱ</b> 34'05	
superior conj minimum elong	-5496 Feb 26 j 05:48 -5496 Feb 26 j 10:15	25° <b>ප්</b> 25'17 25° <b>ප්</b> 38'54		direct greatest brilliancy	-5494 Aug 04 j 17:42 -5494 Aug 15 j 17:31	1° <b>Ⅱ</b> 03'47 3° <b>Ⅱ</b> 17'48	-4.9m
max. Earth dist.	-5496 Feb 26 j 11:23		1.73637 AU	greatest billiancy	-5494 Sep 20 j 04:53	ელ1740 0°©	-4.9111
max. Earth dist.	-5496 Feb 29 j 23:19	23 <b>⊙</b> 42 24	1.73037 AU	morning max el	-5494 Sep 24 j 10:17	4°9314'56	46°40'50
	-5496 Mar 25 j 09:54	0° <b>∺</b>		asc. node	-5494 Sep 28 j 19:14	8°946'55	40 47 37
evening rise	-5496 Apr 02 j 14:25	10° <b>∺</b> 02'50		asc. node	-5494 Oct 18 j 02:31	0° <b>Ω</b>	
asc. node	-5496 Apr 12 j 22:13	22° <b>)</b> (42'57			-5494 Nov 12 j 18:51	0° <b>m</b> )	
use. Houe	-5496 Apr 18 j 20:46	0° <b>Υ</b>			-5494 Dec 07 j 18:40	0∘ <b>ಹ</b> ಂ.ಗ	
	-5496 May 13 j 08:11	0°8			-5493 Jan 01 j 14:04	0° <b>M</b>	
	-5496 Jun 06 j 20:52	0°II		desc. node	-5493 Jan 18 j 21:33	20°M57'46	
	-5496 Jul 01 j 12:19	0°9			-5493 Jan 26 j 08:36	0° <b>∡</b> 7	
	-5496 Jul 26 j 09:36	$0^{\circ}\Omega$			-5493 Feb 20 j 02:13	0°ರ	
desc. node	-5496 Aug 02 j 22:28	8° <b>Ω</b> 59'31			-5493 Mar 16 j 17:53	0° <b>≈</b>	
	-5496 Aug 20 j 18:28	0° <b>m</b>		morning set	-5493 Mar 29 j 11:15	15° <b>≈</b> 32'09	
	-5496 Sep 16 j 04:27	0∘ <b>⊽</b>			-5493 Apr 10 j 06:46	0° <b>)</b> €	
evening max el	-5496 Oct 01 j 09:06	16° <b>≏</b> 08'48	47°33'29	max. Earth dist.	-5493 Apr 30 j 18:05	25° <b>)</b> 09′14	1.73407 AU
	-5496 Oct 15 j 16:56	$0^{\circ}$ M.					
greatest brilliancy	-5496 Nov 10 j 21:45	18°ML04'15	-4.9m	superior conj	-5493 May 04 j 03:06	29° <b>)</b> 18′52	-0°17'02
retrograde	-5496 Nov 21 j 12:46	20°M14'27		minimum elong	-5493 May 04 j 06:21	29° <b>∺</b> 28'53	0°16'55
asc. node	-5496 Nov 23 j 14:58	20°M08'58			-5493 May 04 j 16:27	$0$ ° $\mathbf{\Upsilon}$	
evening set	-5496 Dec 06 j 14:06	15°M38'04		asc. node	-5493 May 11 j 11:00	8° <b>Y</b> 21′24	
min. Earth dist.	-5496 Dec 11 j 09:50	12°M41'15	0.27672 AU		-5493 May 28 j 22:57	0° <b>8</b>	
inferior conj	-5496 Dec 12 j 11:16	12°M00'42	4°24'03	evening rise	-5493 Jun 08 j 17:34	13° <b>8</b> 22'03	
minimum elong	-5496 Dec 12 j 03:11	12°M13'36	4°21'45		-5493 Jun 22 j 02:50	0°II	
morning rise	-5496 Dec 17 j 17:11	8°M47'18			-5493 Jul 16 j 05:24	0°©	
direct	-5495 Jan 02 j 04:39	4°M02'36	4.0		-5493 Aug 09 j 08:40	0°N	
greatest brilliancy	-5495 Jan 10 j 23:40	5°M29'26	-4.8m	desc. node	-5493 Aug 31 j 10:36	27° <b>Ω</b> 18'42	
,	-5495 Feb 15 j 12:27	0°⊀ <sup>7</sup>	45050157		-5493 Sep 02 j 14:58	0° Mp	
morning max el	-5495 Feb 20 j 02:04	4°×717'50	45°58'57		-5493 Sep 27 j 02:56	0∘ <b>™</b>	
desc. node	-5495 Mar 15 j 18:49	28°∤26'41 0°පි			-5493 Oct 22 j 01:07	0° <b>M</b> 0° <b>∡</b> 1	
	-5495 Mar 17 j 05:41 -5495 Apr 13 j 07:23	0°≈		evening max el	-5493 Nov 16 j 20:31 -5493 Dec 12 j 01:19	0 <b>x</b> . 27° <b>∡</b> 705′21	46°13'30
		0 <b>≈</b>		evening max er	-5493 Dec 12 j 01.19 -5493 Dec 14 j 23:42	27 <b>メ</b> ・03 21	40 13 30
	-5495 May 09 j 04:47 -5495 Jun 03 j 08:12	0° <b>Υ</b>		asc. node	-5493 Dec 14 j 25.42 -5493 Dec 22 j 02:18	0 ਠ 6° <b>ਠ</b> 45'16	
	-5495 Jun 27 j 22:10	0°8		greatest brilliancy	-5492 Jan 19 j 20:39	6 ප්310 26°ප්51'22	-4.8m
asc. node	-5495 Jul 06 j 10:12	10° <b>8</b> 30'16		retrograde	-5492 Jan 30 j 20:32	20 පි31 22 29°පි05'56	T.0111
ase. node	-5495 Jul 22 j 01:56	0° <b>I</b>		evening set	-5492 Feb 17 j 13:39	23°る03'30	
greatest brilliancy	-5495 Aug 13 j 03:00	27° <b>∏</b> 41'41	-3.9m	inferior conj	-5492 Feb 21 j 06:30	20°පි41'30	8°04'23
G- Tarrat Orimine's	-5495 Aug 14 j 22:52	0°9	<del></del>	minimum elong	-5492 Feb 21 j 09:16	20°る37'05	8°03'58
morning set	-5495 Aug 16 j 01:04	1° <b>5</b> 22'41		min. Earth dist.	-5492 Feb 21 j 07:50	20° <b>ට</b> 39'23	0.29419 AU
-0	-5495 Sep 07 j 16:38	0°Ω		morning rise	-5492 Feb 25 j 05:00	18° <b>ප</b> 13'02	
	.r j			direct	-5492 Mar 13 j 22:52	12° <b>ප</b> 13'30	
superior conj	-5495 Sep 25 j 04:19	22° <b>Ω</b> 05′50	1°03'55	greatest brilliancy	-5492 Mar 23 j 16:46	13° <b>⋜</b> 56'41	-4.7m
minimum elong	-5495 Sep 25 j 15:42		1°03'47	desc. node	-5492 Apr 12 j 05:48	25° <b>ට</b> 04'08	
max. Earth dist.	-5495 Sep 28 j 09:05	26° <b>Ω</b> 08′02	1.70850 AU		-5492 Apr 18 j 10:57	0° <b>≈</b>	
	-5495 Oct 01 j 10:40	0°m/		morning max el	-5492 May 01 j 20:55	12° <b>≈</b> 01'53	45°52'55

Planetary Pheno		£000 :			5000 DOE: 1: / : 1		
Attention, astronom	ical year style is used: Th	-	in astronomical co	unting style is the year			
	-5492 May 19 j 16:40	0° <b>)</b> €			-5490 Dec 23 j 02:58	0°ਰ	
	-5492 Jun 15 j 21:15	0° <b>Υ</b>		1	-5489 Jan 18 j 01:10	0°≈ 0°≈ -2.4150	
	-5492 Jul 11 j 11:31	0°8		asc. node	-5489 Jan 18 j 13:37	0° <b>≈</b> 34'59 0° <b>米</b>	
asc. node	-5492 Aug 02 j 22:21	27° <b>႘</b> 15'18 0°Ⅱ			-5489 Feb 15 j 03:01 -5489 Feb 20 j 23:26	5° <b>∺</b> 43'10	4500(122
	-5492 Aug 05 j 03:53 -5492 Aug 29 j 06:57	0°©		evening max el	-5489 Mar 24 j 03:03	5 <del>χ</del> 45 10 0° <b>Υ</b>	43 00 23
	-5492 Sep 22 j 03:19	0° <b>U</b>		greatest brilliancy	-5489 Mar 30 j 12:37	2° <b>Υ</b> '50'45	-4.7m
	-5492 Oct 15 j 22:16	0°m)		retrograde	-5489 Apr 10 j 00:40	4° <b>Υ</b> '48'23	- <del></del>
morning set	-5492 Oct 31 j 11:44	19° Mp 34'15		evening set	-5489 Apr 25 j 07:44	0° <b>Υ</b> 24'02	
morning see	-5492 Nov 08 j 19:18	0∘ <del>⊽</del>		evening sec	-5489 Apr 26 j 01:14	30° <b>R</b> ₩	
desc. node	-5492 Nov 22 j 22:32	17° <b>≏</b> 40'40		inferior conj	-5489 May 01 j 10:25		2°06'51
	-5492 Dec 02 j 19:48	0° <b>M</b>		minimum elong	-5489 May 01 j 14:53	26° <b>)</b> 40′05	
	,			min. Earth dist.	-5489 May 02 j 07:09		0.28768 AU
superior conj	-5492 Dec 12 j 16:24	12°M15'41	-0°43'19	morning rise	-5489 May 07 j 21:14	22° <b>¥</b> 56'32	
minimum elong	-5492 Dec 12 j 06:37	11° <b>M</b> 45'17	0°43'06	desc. node	-5489 May 10 j 16:53	21° <b>¥</b> 30'31	
max. Earth dist.	-5492 Dec 17 j 03:01	17° <b>M</b> 46'41	1.72283 AU	direct	-5489 May 23 j 05:09	18° <b>¥</b> 29'05	
	-5492 Dec 26 j 23:39	0° <b>∡</b> ¹		greatest brilliancy	-5489 Jun 03 j 10:03	20° <b>)</b> 43′12	-4.8m
	-5491 Jan 20 j 06:25	ರ°0			-5489 Jun 19 j 12:59	$0^{\circ}$ Y	
evening rise	-5491 Jan 21 j 14:23	1° <b>る</b> 38'27		morning max el	-5489 Jul 11 j 20:08	19° <b>Ƴ</b> 28'47	46°21'19
	-5491 Feb 13 j 16:18	0° <b>≈</b> ≈			-5489 Jul 22 j 04:11	$0^{\circ}$ 8	
	-5491 Mar 10 j 06:16	0° <b>)</b>			-5489 Aug 18 j 04:28	$\Pi$ °0	
asc. node	-5491 Mar 15 j 11:43	6° <b>∺</b> 20'50		asc. node	-5489 Aug 31 j 10:07	15° <b>Ⅱ</b> 34'14	
	-5491 Apr 04 j 01:48	$0^{\circ}$ Y			-5489 Sep 12 j 09:49	$0$ $\circ$	
	-5491 Apr 29 j 04:52	$0^{\circ}$ 8			-5489 Oct 06 j 20:04	$0$ $^{\circ}$ $\Omega$	
	-5491 May 24 j 19:03	$\Pi$ °0			-5489 Oct 30 j 23:04	0° <b>™</b>	
	-5491 Jun 20 j 05:10	$0$ $\circ$			-5489 Nov 24 j 01:33	0∘ <b>⊽</b>	
desc. node	-5491 Jul 05 j 13:02	16° <b>5</b> 36'28			-5489 Dec 18 j 06:31	0°M₊	
evening max el	-5491 Jul 18 j 13:41	29° <b>9</b> 57'31	47°06'08	desc. node	-5489 Dec 21 j 11:17	3° <b>M</b> 57′05	
	-5491 Jul 18 j 14:41	$0$ $^{\circ}$ $\Omega$			-5488 Jan 11 j 14:16	0° <b>∡</b> ¹	
	-5491 Aug 26 j 22:44	0° <b>m</b> )		morning set	-5488 Jan 16 j 16:52	6° <b>∡</b> 17'13	
greatest brilliancy	-5491 Aug 28 j 18:46	0°m/39'43	-4.9m		-5488 Feb 04 j 23:47	0°ಕ	
retrograde	-5491 Sep 06 j 23:11	2° m 15'02				<b></b>	
	-5491 Sep 17 j 11:08	30°R€		superior conj	-5488 Feb 23 j 23:26	23° <b>る</b> 19'07	
evening set	-5491 Sep 23 j 05:46	27° <b>Ω</b> 04'38		minimum elong	5/188 Feb 2/11/03:17	23° <b>る</b> 30'56	1°21'03
			600 510 5	_	-5488 Feb 24 j 03:17		
inferior conj	-5491 Sep 27 j 12:23	24° <b>Ω</b> 30′57		max. Earth dist.	-5488 Feb 24 j 07:04	23° <b>る</b> 42'34	1.73615 AU
minimum elong	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06	24° <b>Ω</b> 30'57 24° <b>Ω</b> 14'35	6°32'50	_	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03	23° <b>ප්</b> 42'34 0°≋	
minimum elong min. Earth dist.	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54	24° Ω30'57 24° Ω14'35 24° Ω30'08		max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39	23° <b>♂</b> 42'34 0° <b>≈</b> 0° <b>米</b>	
minimum elong min. Earth dist. morning rise	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34	24° \Omega 30'57 24° \Omega 14'35 24° \Omega 30'08 21° \Omega 27'52	6°32'50	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34	23° <b>云</b> 42'34 0° <b>≈</b> 0° <b>米</b> 8° <b>米</b> 01'13	
minimum elong min. Earth dist. morning rise direct	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46	24° \Omega 30'57 24° \Omega 14'35 24° \Omega 30'08 21° \Omega 27'52 16° \Omega 56'37	6°32'50	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22	23°⋜42'34 0°≈ 0°升 8°升01'13 22°升16'15	
minimum elong min. Earth dist. morning rise direct asc. node	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07	24° \Omega 30'57 24° \Omega 14'35 24° \Omega 30'08 21° \Omega 27'52 16° \Omega 56'37 18° \Omega 20'44	6°32'50 0.26459 AU	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40	23°₹42'34 0°≈ 0°¥ 8°¥01'13 22°¥16'15 0°Υ	
minimum elong min. Earth dist. morning rise direct	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24	24° \( \Omega 30'57\) 24° \( \Omega 14'35\) 24° \( \Omega 30'08\) 21° \( \Omega 27'52\) 16° \( \Omega 56'37\) 18° \( \Omega 20'44\) 18° \( \Omega 55'42\)	6°32'50	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23	23°⋜42'34 0°≈ 0°¥ 8°¥01'13 22°¥16'15 0°Ƴ 0°8	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42	24° \( \Omega 30'57\) 24° \( \Omega 14'35\) 24° \( \Omega 20'52\) 16° \( \Omega 56'37\) 18° \( \Omega 20'44\) 18° \( \Omega 55'42\) 0° \( \Omega 60'75)	6°32'50 0.26459 AU -4.9m	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jun 06 j 08:32	23°♂42'34 0°≈ 0°ℋ 8°ℋ01'13 22°ℋ16'15 0°Ψ 0°℧	
minimum elong min. Earth dist. morning rise direct asc. node	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39	24° \( \Omega 30'57\) 24° \( \Omega 14'35\) 24° \( \Omega 20'08\) 21° \( \Omega 27'52\) 16° \( \Omega 56'37\) 18° \( \Omega 20'44\) 18° \( \Omega 55'42\) 0° \( \omega \) 19° \( \omega 59'09\)	6°32'50 0.26459 AU	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jun 06 j 08:32 -5488 Jul 01 j 00:40	23°♂42'34 0°≈ 0°ℋ 8°ℋ01'13 22°ℋ16'15 0°Ƴ 0°℧ 0°ℍ 0°ℱ	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33	24° № 30'57 24° № 14'35 24° № 30'08 21° № 27'52 16° № 55'42 0° № 19° № 59'09 0° Ω	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jun 06 j 08:32 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57	23°♂42'34 0°≈ 0° H 8° H01'13 22° H16'15 0° Y 0° B 0° II 0° © 0° Ω	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° № 19° № 59'09 0° € 0° №	6°32'50 0.26459 AU -4.9m	max. Earth dist.	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jun 06 j 08:32 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32	23°♂42'34 0°≈ 0° H 8° H01'13 22° H16'15 0° Y 0° B 0° B 0° B 0° A 8° \$\Omega 24'44	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33	24° № 30'57 24° № 14'35 24° № 30'08 21° № 27'52 16° № 55'42 0° № 19° № 59'09 0° Ω	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jun 06 j 08:32 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57	23°♂42'34 0°≈ 0° H 8° H01'13 22° H16'15 0° Y 0° B 0° II 0° © 0° Ω	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° m 19° m 59'09 0° € 0° m 0° €	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 06 j 08:32 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29	23°♂42'34 0°≈ 0° H 8° H01'13 22° H16'15 0° Y 0° B 0° B 0° C 8° \Omega 24'44 0° M	
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° m 19° m 59'09 0° • • • • • • • • • • • • • • • • • • •	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 06 j 08:32 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00	23° る42'34 0° ≈ 0° ℋ 8° ℋ01'13 22° ℋ16'15 0° ℋ 0° ℋ 0° ℋ 0° ℛ 8° ℋ24'44 0° ℷ 0° ℷ 13° ♀45'22	1.73615 AU
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° m 19° m 59'09 0° □ 0° ™ 0° ₹ 8° ₹ 18'26 0° ₹	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19	23°♂42'34 0°≈ 0° H 8° H01'13 22° H16'15 0° Y 0° B 0° B 0° B 8° Q24'44 0° M 0° Ω	1.73615 AU 47°34'46
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 21'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\mathre{m}\$ 19° \$\mathre{m}\$ 59'09 0° \$\omega\$ 0° \$\mathre{m}\$ 8° \$\nall 18'26 0° \$\omega\$ 0° \$\incide{m}\$	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52	23° ₹42'34 0° ≈ 0° ₩ 8° ₩01'13 22° ₩16'15 0° Ψ 0° ₩ 0° ₩ 0° Φ 13° \$\textbf{\Omega}\$45'22 0° \$\textbf{\Omega}\$	1.73615 AU 47°34'46
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Apr 24 j 22:32	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° № 19° № 59'09 0° № 0° № 8° ₹ 18'26 0° ₹ 0° ★ 0° ★	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42	23° ₹42'34 0° ≈ 0° ¥ 8° ¥01'13 22° ¥16'15 0° Y 0° B 0° II 0° © 0° Ω 8° Ω24'44 0° M 0° Ω 13° Ω45'22 0° M 15° M44'57	1.73615 AU 47°34'46
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\Omega 19° \$\Omega 59'09 0° \$\Omega 00' \$\omega 18'26 0° \$\omega 00' \$\omega 00	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46	23° ₹42'34 0° ≈ 0° ¥ 8° ¥01'13 22° ¥16'15 0° Ŷ 0° B 0° II 0° © 0° Ω 8° Ω24'44 0° M 0° Ω 13° Ω45'22 0° M 15° M44'57 17° M53'49	1.73615 AU 47°34'46
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27	24° \$\alpha\$ 30'57 24° \$\alpha\$ 14'35 24° \$\alpha\$ 30'08 21° \$\alpha\$ 27'52 16° \$\alpha\$ 56'37 18° \$\alpha\$ 20'44 18° \$\alpha\$ 55'42 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 59'09 0° \$\mathred{\Omega}\$ 0° \$\mathred{m}\$ 0° \$\mathred{\Sigma}\$ 18'26 0° \$\mathred{\Sigma}\$ 19° \$\mathred{\Sigma}\$ 13'19	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde asc. node	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20	23° ₹42'34 0° ≈ 0° ¥ 8° ¥01'13 22° ¥16'15 0° ¥ 0° B 0° B 0° Ω 8° Ω24'44 0° \$\mathbf{m}\$ 0° \$\mathbf{n}\$ 13° \$\mathbf{L}\$45'22 0° \$\mathbf{m}\$ 15° \$\mathbf{L}\$44'57 17° \$\mathbf{L}\$3'49 17° \$\mathbf{L}\$37'48	1.73615 AU 47°34'46
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 12 j 19:09 -5490 Jul 06 j 14:02	24° \$\alpha\$ 30'57 24° \$\alpha\$ 14'35 24° \$\alpha\$ 30'08 21° \$\alpha\$ 27'52 16° \$\alpha\$ 56'37 18° \$\alpha\$ 20'44 18° \$\alpha\$ 55'42 0° \$\mathbf{m}\$ 19° \$\mathbf{m}\$ 59'09 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 8° \$\mathbf{m}\$ 18'26 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 0° \$\mathbf{m}\$ 19° \$\mathbf{m}\$ 13'19 24° \$\mathbf{m}\$ 13'19	6°32'50 0.26459 AU -4.9m	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde asc. node evening set	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29	23° ₹42'34 0° ≈ 0° ¥ 8° ¥01'13 22° ¥16'15 0° ¥ 0° B 0° B 0° B 8° £024'44 0° \$\mathbf{m}\$ 0° \$\mathbf{n}\$ 13° \$\mathbf{n}\$45'22 0° \$\mathbf{m}\$ 15° \$\mathbf{m}\$44'57 17° \$\mathbf{m}\$3'49 17° \$\mathbf{m}\$3'48 13° \$\mathbf{m}\$20'10	1.73615 AU 47°34'46 -4.9m
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Mar 05 j 20:20 -5490 Apr 24 j 22:32 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 12 j 19:09	24° € 30'57 24° € 14'35 24° € 30'08 21° € 25'52 16° € 56'37 18° € 20'44 18° € 55'42 0° № 19° № 59'09 0° № 0° № 0° № 0° № 0° № 0° № 19° № 13'19 24° № 13'19	6°32'50 0.26459 AU -4.9m 46°34'21	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde asc. node evening set min. Earth dist. inferior conj minimum elong	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30	23° ₹42'34 0° № 0° ₩ 8° ₩01'13 22° ₩16'15 0° Ψ 0° ₩ 0° ₩ 0° Ω 8° £24'44 0° № 0° Ω 13° £45'22 0° № 15° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 153'31	1.73615 AU 47°34'46 -4.9m 0.27594 AU
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 12 j 19:09 -5490 Jul 06 j 12:19	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 59'09 0° \$\omega \\ 0° \$\nabla \\ 0° \$\nabla \\ 0° \$\mathred{m}\$ 29° \$\mathred{m}\$ 40'21 0° \$\mathred{m}\$	6°32'50 0.26459 AU -4.9m 46°34'21	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde asc. node evening set min. Earth dist. inferior conj minimum elong morning rise	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30 -5488 Dec 09 j 18:30 -5488 Dec 09 j 18:30	23° ₹42'34 0° ≈ 0° ℋ 8° ℋ01'13 22° ℋ16'15 0° ℉ 0° ℋ 0° ℋ 0° ℒ 0° ℛ 8° ℛ24'44 0° ℔ 0° № 13° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 53'31 6° № 24'46	1.73615 AU  47°34'46  -4.9m  0.27594 AU 4°05'54
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 06 j 20:19	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\mathref{m}\$ 19° \$\mathref{m}\$ 59'09 0° \$\Omega \\ 0° \$\mathref{m}\$ 29° \$\mathref{m}\$ 40'21 0° \$\mathref{m}\$ 4° \$\mathref{m}\$ 57'33	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 08 j 14:42 -5488 Nov 08 j 14:42 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30 -5488 Dec 09 j 18:30 -5488 Dec 30 j 18:03	23° ₹42'34 0° ≈ 0° ⅓ 8° ⅓01'13 22° ⅓16'15 0° ♈ 0° ⅙ 0° ៕ 0° № 0° № 13° № 45'22 0° ៕ 15° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 53'31 6° № 24'46 1° № 44'10	1.73615 AU  47°34'46  -4.9m  0.27594 AU 4°05'54 4°03'39
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 24 j 22:32 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 06 j 20:19	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\mathref{m}\$ 19° \$\mathref{m}\$ 59'09 0° \$\Omega \\ 10° \$\omega \\ 0° \$\omega \\ 10° \$\omega \\\ 10° \$\omega \\\\ 10° \$\ome	6°32'50 0.26459 AU -4.9m 46°34'21	max. Earth dist.  evening rise asc. node  desc. node  evening max el greatest brilliancy retrograde asc. node evening set min. Earth dist. inferior conj minimum elong morning rise	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30 -5488 Dec 15 j 10:22 -5488 Dec 30 j 18:03 -5487 Jan 08 j 14:56	23° ₹42'34 0° ≈ 0° ℋ 8° ℋ01'13 22° ℋ16'15 0° ℉ 0° ℋ 0° ℋ 0° № 0° № 13° № 45'22 0° № 15° № 44'57 17° № 53'49 17° № 3'49 17° № 3'49 17° № 3'31 6° № 24'46 1° № 44'10 3° № 12'23	1.73615 AU  47°34'46  -4.9m  0.27594 AU 4°05'54
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.  superior conj minimum elong	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 24 j 22:32 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 14:02 -5490 Jul 06 j 12:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 10:30 -5490 Jul 30 j 17:44	24° € 30'57 24° € 14'35 24° € 30'08 21° € 27'52 16° € 56'37 18° € 20'44 18° € 55'42 0° ₱ 19° ₱ 59'09 0° ♣ 0° ₱ 0° ₱ 0° ₱ 0° ₱ 0° ₱ 0° ₱ 19' ₱ 18'26 0° ₱ 0° ₱ 19' ₱ 13'19 24° ₱ 13'19 24° ₱ 10'21 0° ₱ 4° ₱ 57'33 4° ₱ 29'55 0° ₱	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 02 j 00:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30 -5488 Dec 15 j 10:22 -5488 Dec 30 j 18:03 -5487 Jan 08 j 14:56 -5487 Feb 15 j 12:54	23° ₹42'34 0° ≈ 0° ℋ 8° ℋ01'13 22° ℋ16'15 0° ℉ 0° ℋ 0° ℋ 0° Ք 0° ℳ 8° ℳ24'44 0° № 0° ഛ 13° ഛ45'22 0° ℳ 15° ℳ44'57 17° ℳ53'49 17° ℳ37'48 13° ℳ20'10 10° ℳ20'48 9° ℳ41'14 9° ℳ53'31 6° ℳ24'46 1° ℳ44'10 3° ℳ12'23 0° ズ	1.73615 AU  47°34'46  -4.9m  0.27594 AU  4°05'54  4°03'39  -4.8m
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 24 j 22:32 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 10 j 19:19 -5490 Jul 10 j 10:30 -5490 Jul 30 j 17:44 -5490 Aug 17 j 22:22	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\Omega 19° \$\Omega 59'09 0° \$\Omega 60' \$\O	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Oct 15 j 23:52 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 18:30 -5488 Dec 15 j 10:22 -5488 Dec 30 j 18:03 -5487 Feb 15 j 12:54 -5487 Feb 15 j 12:54	23° ₹42'34 0° ≈ 0° ⅓ 8° ⅓01'13 22° ⅓16'15 0° ♈ 0° ⅙ 0° ៕ 0° № 0° № 13° № 45'22 0° ៕ 15° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 53'31 6° № 24'46 1° № 44'10 3° № 12'23 0° ৵ 2° ৵ 02'37	1.73615 AU  47°34'46  -4.9m  0.27594 AU 4°05'54 4°03'39
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.  superior conj minimum elong	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 10:30 -5490 Jul 30 j 17:44 -5490 Aug 23 j 13:56	24° \$\Omega 30'57 24° \$\Omega 14'35 24° \$\Omega 30'08 21° \$\Omega 27'52 16° \$\Omega 56'37 18° \$\Omega 20'44 18° \$\Omega 55'42 0° \$\Omega 19° \$\Omega 59'09 0° \$\Omega 20' \$\Omega 18'26 0° \$\Omega 20' \$\Omega 18'26 0° \$\Omega 20' \$\Omega 53'35 0° \$\Omega 20' \$\Omega 53'35	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 21 j 00:22 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 02 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 10 j 02:13 -5488 Dec 09 j 18:30 -5488 Dec 30 j 18:03 -5487 Feb 15 j 12:54 -5487 Feb 17 j 16:30 -5487 Mar 14 j 20:56	23° ₹42'34 0° ≈ 0° ⅓ 8° ⅓01'13 22° ⅓16'15 0° ♈ 0° ⅙ 0° ៕ 0° № 0° № 13° № 45'22 0° ៕ 15° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 53'31 6° № 24'46 1° № 44'10 3° № 12'23 0° ৵ 2° ৵ 02'37 27° ৵ 48'00	1.73615 AU  47°34'46  -4.9m  0.27594 AU  4°05'54  4°03'39  -4.8m
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.  superior conj minimum elong evening rise	-5491 Sep 27 j 12:23 -5491 Sep 27 j 23:06 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Apr 24 j 22:32 -5490 May 19 j 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 10:30 -5490 Jul 30 j 17:44 -5490 Aug 23 j 13:56 -5490 Sep 16 j 11:18	24° \$\alpha\$ 30'57 24° \$\alpha\$ 14'35 24° \$\alpha\$ 30'08 21° \$\alpha\$ 25'52 16° \$\alpha\$ 56'37 18° \$\alpha\$ 20'44 18° \$\alpha\$ 55'42 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 59'09 0° \$\alpha\$ 0° \$\mathred{m}\$ 29° \$\mathred{m}\$ 40'21 0° \$\mathred{m}\$ 4° \$\mathred{m}\$ 57'33 4° \$\mathred{m}\$ 29'55 0° \$\mathred{m}\$ 22° \$\mathred{m}\$ 53'35 0° \$\alpha\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 21 j 00:22 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 09 j 01:20 -5488 Dec 15 j 10:22 -5488 Dec 15 j 10:22 -5488 Dec 30 j 18:03 -5487 Jan 08 j 14:56 -5487 Feb 15 j 12:54 -5487 Feb 17 j 16:30 -5487 Mar 14 j 20:56 -5487 Mar 16 j 22:00	23° ₹42'34 0° ≈ 0° ⅓ 8° ⅓01'13 22° ⅓16'15 0° ♈ 0° ♉ 0° ៕ 0° ♋ 0° ៕ 0° ㎠ 13° ㎠45'22 0° ៕ 15° ♏44'57 17° ♏53'49 17° ♏37'48 13° ♏20'10 10° ♏20'48 9° ♏41'14 9° ∭53'31 6° ∭24'46 1° ∭44'10 3° ∭12'23 0° ♐ 2° ♐02'37 27° ♐48'00 0° ♂	1.73615 AU  47°34'46  -4.9m  0.27594 AU  4°05'54  4°03'39  -4.8m
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minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.  superior conj minimum elong evening rise	-5491 Sep 27 j 12:23 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Feb 15 j 09:26 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 31 j 01:22 -5490 Mar 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 20:19 -5490 Jul 06 j 14:02 -5490 Jul 06 j 14:02 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 30 j 17:44 -5490 Aug 23 j 13:56 -5490 Sep 16 j 11:18 -5490 Sep 27 j 23:04 -5490 Oct 10 j 11:39	24° \$\alpha\$ 30'57 24° \$\alpha\$ 14'35 24° \$\alpha\$ 30'08 21° \$\alpha\$ 25'52 16° \$\alpha\$ 56'37 18° \$\alpha\$ 20'44 18° \$\alpha\$ 55'42 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 59'09 0° \$\alpha\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 13'19 24° \$\mathred{m}\$ 13'19 24° \$\mathred{m}\$ 21'10 0° \$\mathred{m}\$ 29° \$\mathred{m}\$ 40'21 0° \$\mathred{m}\$ 22° \$\mathred{m}\$ 53'35 0° \$\alpha\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 14° \$\mathred{m}\$ 22'47 0° \$\mathred{m}\$	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 12 j 00:22 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 10 j 02:13 -5488 Dec 10 j 02:13 -5488 Dec 10 j 02:13 -5488 Dec 30 j 18:03 -5487 Feb 15 j 12:54 -5487 Feb 17 j 16:30 -5487 Mar 16 j 22:00 -5487 Apr 12 j 20:58 -5487 May 08 j 17:05	23° ₹42'34 0° ≈ 0° € 8° € 0' € 8° € 0' € 16'15 0° ♥ 0° € 0° € 0° € 13° € 45'22 0° € 15° € 45'22 0° € 15° € 45'22 0° € 15° € 44'57 17° € 53'49 17° € 37'48 13° € 20'10 10° € 20'48 9° € 41'14 9° € 53'31 6° € 24'46 1° € 44'10 3° € 12'23 0° ₹ 2° ₹ 02'37 27° ₹ 48'00 0° ₹ 0° ≈ 0° €	1.73615 AU  47°34'46  -4.9m  0.27594 AU  4°05'54  4°03'39  -4.8m
minimum elong min. Earth dist. morning rise direct asc. node greatest brilliancy morning max el  desc. node  morning set asc. node  max. Earth dist.  superior conj minimum elong evening rise	-5491 Sep 27 j 12:23 -5491 Sep 27 j 12:54 -5491 Oct 02 j 16:34 -5491 Oct 17 j 18:46 -5491 Oct 26 j 06:07 -5491 Oct 27 j 22:24 -5491 Nov 15 j 05:42 -5491 Dec 07 j 03:39 -5491 Dec 16 j 20:33 -5491 Dec 16 j 20:33 -5490 Jan 13 j 03:25 -5490 Feb 08 j 06:20 -5490 Mar 05 j 20:20 -5490 Mar 31 j 01:22 -5490 Mar 31 j 01:22 -5490 Mar 12:17 -5490 Jun 04 j 02:27 -5490 Jun 07 j 23:47 -5490 Jun 06 j 20:19 -5490 Jul 06 j 14:02 -5490 Jul 06 j 20:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 19:19 -5490 Jul 10 j 10:30 -5490 Jul 30 j 17:44 -5490 Aug 23 j 13:56 -5490 Sep 16 j 11:18 -5490 Sep 27 j 23:04	24° \$\alpha\$ 30'57 24° \$\alpha\$ 14'35 24° \$\alpha\$ 30'08 21° \$\alpha\$ 25'52 16° \$\alpha\$ 56'37 18° \$\alpha\$ 20'44 18° \$\alpha\$ 55'42 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 59'09 0° \$\alpha\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 19° \$\mathred{m}\$ 18'26 0° \$\mathred{m}\$ 0° \$\mathred{m}\$ 29° \$\mathred{m}\$ 40'21 0° \$\mathred{m}\$ 22° \$\mathred{m}\$ 53'35 0° \$\mathred{a}\$ 0° \$\mathred{m}\$ 14° \$\mathred{m}\$ 22'47	6°32'50 0.26459 AU -4.9m 46°34'21 1.71777 AU 1°06'45	max. Earth dist.  evening rise asc. node  desc. node  evening max el  greatest brilliancy retrograde asc. node  evening set min. Earth dist. inferior conj minimum elong morning rise direct greatest brilliancy	-5488 Feb 24 j 07:04 -5488 Feb 29 j 10:03 -5488 Mar 24 j 20:39 -5488 Mar 31 j 09:34 -5488 Apr 12 j 00:22 -5488 Apr 18 j 07:40 -5488 May 12 j 19:23 -5488 Jul 01 j 00:40 -5488 Jul 25 j 22:57 -5488 Aug 20 j 00:32 -5488 Aug 20 j 09:29 -5488 Sep 15 j 23:00 -5488 Sep 28 j 23:19 -5488 Nov 08 j 14:42 -5488 Nov 19 j 03:46 -5488 Nov 22 j 17:20 -5488 Dec 04 j 03:29 -5488 Dec 09 j 01:20 -5488 Dec 10 j 02:13 -5488 Dec 09 j 18:30 -5488 Dec 15 j 10:22 -5488 Dec 30 j 18:03 -5487 Feb 15 j 12:54 -5487 Feb 17 j 16:30 -5487 Mar 14 j 20:56 -5487 Mar 16 j 22:00 -5487 Apr 12 j 20:58	23° ₹42'34 0° ≈ 0° ¥ 8° ¥01'13 22° ¥16'15 0° ♀ 0° ₩ 0° ₩ 0° № 13° № 45'22 0° № 15° № 44'57 17° № 53'49 17° № 37'48 13° № 20'10 10° № 20'48 9° № 41'14 9° № 53'31 6° № 24'46 1° № 44'10 3° № 12'23 0° ₹ 2° ₹02'37 27° ₹48'00 0° ₹ 0° ≈	1.73615 AU  47°34'46  -4.9m  0.27594 AU  4°05'54  4°03'39  -4.8m

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5487 Jul 05 j 12:18 10°**8**01'57 -5485 Dec 21 j 04:25 5°₹49'18 asc. node asc. node -5487 Jul 21 j 13:06  $0^{\circ}\Pi$ -5484 Jan 17 j 13:28 24°る42'07 greatest brilliancy -4.8m -5487 Aug 12 j 04:11 greatest brilliancy 27°**Ⅱ**10′25 -5484 Jan 28 j 14:11 26°**ප**57'13 -3.9m retrograde -5484 Feb 15 j 07:16 morning set -5487 Aug 13 j 14:06 28°**Ⅲ**57′20 20°る51'49 evening set -5484 Feb 18 j 23:35 -5487 Aug 14 j 09:58 0ಂತಾ inferior conj 18°**る**32'25 8°07'23 -5487 Sep 07 j 03:45 0° $\Omega$ minimum elong -5484 Feb 19 j 01:43 18°**る**29'01 8°06'59 min. Earth dist. -5484 Feb 18 j 23:12 18°る33'01 0.29396 AU superior conj -5487 Sep 22 j 13:57 19°**Ω**29'33 1°06'23 morning rise -5484 Feb 22 j 20:19 16°**る**06'33 minimum elong -5487 Sep 23 j 01:05 20°**Ω**04'41 1°06'18 direct -5484 Mar 11 j 16:01 10°る05'02 max. Earth dist. -5487 Sep 25 j 12:36 23°**Ω**12'30 1.70840 AU greatest brilliancy -5484 Mar 21 j 07:00 11°る46'07 -4.7m -5487 Sep 30 j 21:50 0° m desc. node -5484 Apr 11 j 08:01 23°る59'53 -5487 Oct 24 j 18:30 0∘**⊽** -5484 Apr 18 j 16:17 0°≈ desc. node -5487 Oct 25 j 11:53 0°**£**54'27 morning max el -5484 Apr 29 j 13:37 9°≈53'48 45°52'30 evening rise -5487 Nov 04 j 07:50 13°**£**12'47 -5484 May 19 j 10:03 0°**)**€ -5487 Nov 17 j 18:44 0°M -5484 Jun 15 j 11:25  $0^{\circ}\Upsilon$ -5487 Dec 11 j 22:55 0°**√** -5484 Jul 11 j 00:19 0°8 -5486 Jan 05 j 08:05 0°ರ asc. node -5484 Aug 02 j 00:27 26°844'24 -5486 Jan 30 j 00:55 0°≈ -5484 Aug 04 j 16:01  $\Pi^{\circ}0$ asc. node -5486 Feb 15 j 01:33 19°≈09'14 -5484 Aug 28 j 18:45 0ಂತಾ -5486 Feb 24 j 06:10 0°**)**€ -5484 Sep 21 j 14:56  $0^{\circ}\Omega$ -5486 Mar 22 j 07:52  $0^{\circ}\Upsilon$ -5484 Oct 15 j 09:47 0° m -5486 Apr 18 j 23:48 0°8 -5484 Oct 28 i 21:24 16° m 57'58 morning set -5486 May 03 i 08:59 14°**8**20'09 45°31'15 -5484 Nov 08 i 06:44 0∘**⊽** evening max el -5486 May 21 i 06:49  $\Pi$ °0 -5484 Nov 22 i 00:41 17°**2**11'54 desc. node -5486 Jun 07 j 04:03 10°**Ⅱ**43'27 -5484 Dec 02 j 07:07 0°M desc. node -5486 Jun 11 j 12:19 12°**Ⅲ**27'59 -4.8m greatest brilliancy -5486 Jun 21 j 09:01 14°**Ⅱ**13'06 -5484 Dec 10 j 02:56 9°ML44'11 -0°40'02 retrograde superior conj 9°**Ⅲ**21'36 -5484 Dec 09 j 17:36 9°ML15'10 0°39'50 -5486 Jul 07 j 11:07 evening set minimum elong -5484 Dec 14 j 19:15 -5486 Jul 12 j 08:22 6°**Ⅲ**30'26 -7°16'24 max. Earth dist. 15°M33'03 1.72223 AU inferior conj -5484 Dec 26 j 10:53 -5486 Jul 11 j 22:20 6° **1**145'30 7°14'21 0°×7 minimum elong -5483 Jan 19 j 04:55 29°**х¹**20'46 6°**Д**22'42 0.27389 AU -5486 Jul 12 j 13:31 min. Earth dist. evening rise -5486 Jul 16 j 09:14 4°**Ⅱ**07'10 -5483 Jan 19 j 17:39 0°궁 morning rise -5486 Jul 25 j 06:00 30°**₹**8 -5483 Feb 13 j 03:37 0°≈ -5486 Aug 02 j 08:07 28°**8**40'45 -5483 Mar 09 j 17:49 0°\ direct -5486 Aug 10 j 16:28 -5483 Mar 14 j 13:55  $\Pi$  $^{\circ}0$ asc. node 5°**\**52'17  $0^{\circ}\Upsilon$ greatest brilliancy -5486 Aug 13 j 07:37 0°**I**I54'54 -4.9m -5483 Apr 03 j 13:48 -5486 Sep 20 j 04:49 0ಂತಾ -5483 Apr 28 j 17:41 0°8 morning max el -5486 Sep 22 j 00:54 1°951'45 46°49'40 -5483 May 24 j 09:19  $0^{\circ}\Pi$ -5486 Sep 27 j 21:26 7°957'26 -5483 Jun 19 j 22:16 0ಂತಾ asc. node -5486 Oct 17 j 19:23  $0^{\circ}\Omega$ -5483 Jul 04 j 15:04 15°5549'02 desc. node -5486 Nov 12 j 09:12 0° m -5483 Jul 16 j 03:02 27°532'29 47°03'02 evening max el -5486 Dec 07 j 07:46 -5483 Jul 18 j 15:21 0∘**⊽**  $0^{\circ}\Omega$ -5485 Jan 01 j 02:23 -5483 Aug 26 j 07:38 28°**Ω**09'33 0°M greatest brilliancy -4.9m -5485 Jan 17 j 23:31 20°M27'40 -5483 Sep 04 j 10:47 29°**£**43′27 desc. node retrograde -5485 Jan 25 j 20:21 -5483 Sep 20 j 21:17 24°**Ω**28'59 0°×7 evening set -5485 Feb 19 i 13:34 0°정 inferior conj -5483 Sep 25 i 00:27 22°Ω00'14 -6°51'53 -5485 Mar 16 i 04:57 0°≈ minimum elong -5483 Sep 25 i 11:07 21°Ω43'56 6°49'24 -5485 Mar 27 i 06:06 13°≈29'26 min. Earth dist. -5483 Sep 25 i 01:49 21°Ω58'07 0.26469 AU morning set -5485 Apr 09 i 17:41 0°) morning rise -5483 Sep 30 j 01:01 19°**Ω**01'55 -5485 Apr 28 j 17:28 23°¥19'56 1.73441 AU -5483 Oct 15 j 07:01 14°Ω26'03 max. Earth dist. direct -5483 Oct 25 j 08:27 16°Ω22'41 asc. node -5485 May 01 j 22:24 27° ¥ 16'51 -0°19'57 -5483 Oct 25 j 11:45 16°**Ω**25'45 -4.9m superior coni greatest brilliancy -5485 May 02 j 02:11 27°\ 28'30 0°19'49 0° M minimum elong -5483 Nov 15 j 20:19  $0^{\circ}\Upsilon$ -5485 May 04 j 03:21 morning max el -5483 Dec 04 j 16:02 17° Mg 30'22 46°35'26 7°**Y**′54'42 -5485 May 10 j 13:15 asc. node -5483 Dec 16 j 16:36 0∘∙თ -5485 May 28 j 09:57  $0^{\circ}$ 8 -5482 Jan 12 j 19:02 0°M -5485 Jun 06 j 12:30 11°**8**17'33 -5482 Feb 07 j 19:57 0°×7 evening rise -5485 Jun 21 j 14:01  $0^{\circ}\Pi$ -5482 Feb 14 j 11:35 7°**х** 45′58 desc. node 0ಂತಾ 0°정 -5485 Jul 15 j 16:53 -5482 Mar 05 j 08:51

-5482 Mar 30 j 13:14

-5482 Apr 24 j 10:00

-5482 May 18 j 23:30

-5482 Jun 01 j 20:38

-5482 Jun 07 j 01:53

-5482 Jun 12 j 06:17

-5482 Jul 04 j 04:31

-5482 Jul 06 j 07:28

morning set

max. Earth dist.

asc. node

0°**€** 

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17°**Y**06'34

23°**Y**34'13

27°820'32 1.71839 AU

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24° 752'41 46°16'44

26°**Ω**47'17

-5485 Aug 08 j 20:32

-5485 Aug 30 j 12:42

-5485 Sep 02 j 03:18

-5485 Sep 26 j 15:55

-5485 Oct 21 j 15:10

-5485 Nov 16 j 12:49

-5485 Dec 09 j 18:02

-5485 Dec 14 j 22:52

desc. node

evening max el

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 85 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
superior conj	-5482 Jul 08 j 11:49	2° <b>Ⅱ</b> 43'55			-5480 Dec 22 j 23:32	30° <b>₹</b> Ω	
minimum elong	-5482 Jul 08 j 02:53	2° <b>Ⅱ</b> 15'56	1°04'42	direct	-5480 Dec 28 j 07:49	29° <b>≏</b> 24'43	
	-5482 Jul 30 j 04:59	$0$ $\circ$			-5479 Jan 02 j 20:16	$0^{\circ}$ M	
evening rise	-5482 Aug 15 j 11:02	20°\$26'45		greatest brilliancy	-5479 Jan 06 j 06:01	0° <b>M</b> 54′18	-4.8m
	-5482 Aug 23 j 01:21	$0$ $\circ$ $\Omega$		morning max el	-5479 Feb 15 j 07:53	29°M48'39	46°00'54
	-5482 Sep 15 j 22:54	0° <b>m</b>			-5479 Feb 15 j 12:36	0° <b>∡</b> 7	
desc. node	-5482 Sep 27 j 01:16	13° <b>m</b> 53'05		desc. node	-5479 Mar 13 j 23:09	27° <b>₹</b> 09'02	
	-5482 Oct 09 j 23:28	0∘ <b>亚</b>			-5479 Mar 16 j 14:21	0°₹	
	-5482 Nov 03 j 04:30	0°M			-5479 Apr 12 j 10:43	0° <b>≈</b>	
	-5482 Nov 27 j 16:23	0° <b>∡</b> 7			-5479 May 08 j 05:35	0° <b>)</b> €	
,	-5482 Dec 22 j 16:25	0°る			-5479 Jun 02 j 07:41	0° <b>Υ</b>	
asc. node	-5481 Jan 17 j 15:46	29° <b>る</b> 57'51		ī	-5479 Jun 26 j 21:00	0°8	
	-5481 Jan 17 j 16:32	0° <b>≈</b>		asc. node	-5479 Jul 04 j 14:21	9° <b>8</b> 32'53	
	-5481 Feb 14 j 23:55	0° <b>)</b> {	45007110	. ,	-5479 Jul 21 j 00:28	0°Ⅱ 260Ⅲ21155	
evening max el	-5481 Feb 18 j 13:38	3°π2802 0°Υ	45°07'18	morning set	-5479 Aug 11 j 03:16	26° <b>Ⅱ</b> 31'55	
arastast brillianav	-5481 Mar 26 j 09:45 -5481 Mar 28 j 04:14	0° <b>Υ</b> 40'48	-4.7m		-5479 Aug 13 j 21:16	$0$ ಂ ${\cal O}$	
greatest brilliancy	-5481 Apr 07 j 16:07	0 1 40 48 2° <b>Υ</b> 38'56	-4./111		-5479 Sep 06 j 15:03	0 86	
retrograde	-5481 Apr 19 j 09:30	2 13636 30° <b>₹</b>		superior conj	-5479 Sep 19 j 23:56	16° <b>Ω</b> 53'48	1008/43
evening set	-5481 Apr 23 j 01:19	28° <b>)</b> 11′24		minimum elong	-5479 Sep 20 j 10:43	$10^{\circ} \Omega 27'49$	
inferior conj	-5481 Apr 29 j 02:24	24° <b>)</b> (36'36	2°25'38	max. Earth dist.	-5479 Sep 20 j 10:45		1.70825 AU
minimum elong	-5481 Apr 29 j 07:29	24° <b>)</b> 28'44		max. Lartii dist.	-5479 Sep 30 j 09:09	0° m)	1.70023 AC
min. Earth dist.	-5481 Apr 29 j 23:45		0.28817 AU		-5479 Oct 24 j 05:50	0∘ <del>ত</del> الم	
morning rise	-5481 May 05 j 12:47	20° <b>)</b> 46'24	0.2001/ AC	desc. node	-5479 Oct 24 j 14:01	0° <b>ჲ</b> 25'38	
desc. node	-5481 May 09 j 19:05	18° <b>)</b> (41'09		evening rise	-5479 Nov 01 j 16:37	0 <b>_</b> 2336	
direct	-5481 May 20 j 20:58	16° <b>)</b> 17′30		evening rise	-5479 Nov 17 j 06:06	0°M	
greatest brilliancy	-5481 Jun 01 j 02:49	18° <b>)</b> 32'14	-4 8m		-5479 Dec 11 j 10:21	0° <b>×</b> 7	
greatest offinally	-5481 Jun 20 j 03:10	0°Υ			-5478 Jan 04 j 19:43	°ਰ ਹ°ਰ	
morning max el	-5481 Jul 09 j 11:14	17° <b>Υ</b> 12'29	46°20'16		-5478 Jan 29 j 12:59	0° <b>≈</b>	
5 5	-5481 Jul 21 j 23:17	0°8		asc. node	-5478 Feb 14 j 03:44	18° <b>≈</b> 38'28	
	-5481 Aug 17 j 19:33	0°II			-5478 Feb 23 j 19:08	0° <b>\</b>	
asc. node	-5481 Aug 30 j 12:21	14° <b>Ⅱ</b> 58'55			-5478 Mar 21 j 22:41	0° <b>Υ</b>	
	-5481 Sep 11 j 23:16	0ಂತಾ			-5478 Apr 18 j 19:04	0°B	
	-5481 Oct 06 j 08:41	$0^{\circ}\Omega$		evening max el	-5478 May 01 j 00:01	12° <b>8</b> 05'14	45°28'53
	-5481 Oct 30 j 11:11	0° <b>m</b>			-5478 May 21 j 22:13	$\Pi^{\circ}$	
	-5481 Nov 23 j 13:22	0∘ <b>⊽</b>		desc. node	-5478 Jun 06 j 06:03	9° <b>Ⅱ</b> 02'58	
	-5481 Dec 17 j 18:06	$0^{\circ}$ M		greatest brilliancy	-5478 Jun 08 j 23:23	10° <b>Ⅱ</b> 04'59	-4.8m
desc. node	-5481 Dec 20 j 13:15	3°M27'32		retrograde	-5478 Jun 18 j 22:17	11° <b>Ⅱ</b> 51'20	
	-5480 Jan 11 j 01:39	0° <b>∡</b> 7		evening set	-5478 Jul 04 j 20:27	7° <b>Ⅱ</b> 04'57	
morning set	-5480 Jan 14 j 06:14	3° <b>х</b> 55′49		inferior conj	-5478 Jul 09 j 21:29	4° <b>Ⅱ</b> 08'11	-7°02'36
	-5480 Feb 04 j 10:59	5°0		minimum elong	-5478 Jul 09 j 11:14	4° <b>Ⅲ</b> 23'35	7°00'25
				min. Earth dist.	-5478 Jul 10 j 02:29	4° <b>Ⅱ</b> 00'41	0.27431 AU
superior conj	-5480 Feb 21 j 16:30	21° <b>る</b> 10'07	-1°21'26	morning rise	-5478 Jul 14 j 01:45	1° <b>Ⅱ</b> 40′03	
minimum elong	-5480 Feb 21 j 19:44	21° <b>ろ</b> 20'01			-5478 Jul 17 j 03:52	30°₹ <b>႘</b>	
max. Earth dist.	-5480 Feb 22 j 01:36	21° <b>る</b> 38'01	1.73590 AU	direct	-5478 Jul 30 j 22:41	26° <b>8</b> 17'51	
	-5480 Feb 28 j 21:08	0° <b>≈</b>		greatest brilliancy	-5478 Aug 10 j 21:21	28° <b>8</b> 31'22	-4.9m
	-5480 Mar 24 j 07:45	0° <b>∀</b>			-5478 Aug 14 j 06:29	0°Щ	
evening rise	-5480 Mar 29 j 04:19	5° <b>)</b> € 57'28		morning max el	-5478 Sep 19 j 15:07	29° <b>Ⅱ</b> 27'26	46°49'18
asc. node	-5480 Apr 11 j 02:34	21° <b>)</b> (48'38			-5478 Sep 20 j 03:52	0°©	
	-5480 Apr 17 j 18:55	0° <b>Υ</b>		asc. node	-5478 Sep 26 j 23:39	7° <b>©</b> 08'31	
	-5480 May 12 j 06:58	0° <b>8</b>			-5478 Oct 17 j 12:00	0° <b>N</b>	
	-5480 Jun 05 j 20:35	0°II			-5478 Nov 11 j 23:26	0° my	
	-5480 Jun 30 j 13:23	0°©			-5478 Dec 06 j 20:45	0∘ <b>⊽</b>	
	-5480 Jul 25 j 12:40	0° <b>Ω</b>			-5478 Dec 31 j 14:34	0°M,	
desc. node	-5480 Aug 01 j 02:42	7° <b>Ω</b> 49'20		desc. node	-5477 Jan 17 j 01:43	19°M58'36	
	-5480 Aug 20 j 00:56	0° <b>m</b> )			-5477 Jan 25 j 08:00	0° <b>∡</b> ¹	
	-5480 Sep 15 j 18:11	0° <b>⊽</b>	4702702		-5477 Feb 19 j 00:50	0° <b>ට</b>	
evening max el	-5480 Sep 26 j 13:48	11° <b>Ω</b> 22'21	47°36'02	manmi	-5477 Mar 15 j 15:58	0°≈	
grantast builli	-5480 Oct 16 j 09:31	0°M	4.000	morning set	-5477 Mar 25 j 00:53	11° <b>≈</b> 26'41	
greatest brilliancy	-5480 Nov 06 j 06:53	13°M24'10	-4.9m	may Earth dist	-5477 Apr 09 j 04:35	0° <b>₩</b> 21° <b>₩</b> 25'05	1 72 47 4 411
retrograde	-5480 Nov 16 j 19:02	15°M32'37		max. Earth dist.	-5477 Apr 26 j 15:01	Z1 πZ5'U5	1.73474 AU
asc. node	-5480 Nov 21 j 19:23	15°M00'43		superior comi	5477 Apr 20: 17:25	25° <b>)</b> 14'36	0022152
evening set min. Earth dist.	-5480 Dec 01 j 16:58 -5480 Dec 06 j 16:32	11° <b>ጤ</b> 01'08 7° <b>ጤ</b> 59'51	0.27522 AU	superior conj minimum elong	-5477 Apr 29 j 17:35 -5477 Apr 29 j 21:52	25° <del>X</del> 14'36 25° <del>X</del> 27'48	
inferior conj	-5480 Dec 06 j 16:32	7°M20'52		minimum ciong	-5477 May 03 j 14:13	25°π2/48 0° <b>Υ</b>	0 4443
minimum elong	-5480 Dec 07 j 09:49	7°M32'27		asc. node	-5477 May 09 j 15:17	7° <b>Υ</b> 27'21	
morning rise	-5480 Dec 07 j 09:49	4°M 01'40	5 77 50	use. Houc	-5477 May 09 j 13.17	0°8	
	5 100 Dec 15 J 05.29	1 11001 70			517, 141ay 21 J 20.54	v <b>O</b>	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 86 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	ie year -5899 i	in astronomical cou	unting style is the year	5900 BCE in historical c	ounting style.	5
evening rise	-5477 Jun 04 j 07:17	9° <b>8</b> 12'45			-5474 Feb 07 j 09:08	0° <b>∡</b> ¹	
	-5477 Jun 21 j 01:10	0°П		desc. node	-5474 Feb 13 j 13:44	7° <b>∡</b> 14'42	
	-5477 Jul 15 j 04:19	0°©			-5474 Mar 04 j 20:57	5°0	
11-	-5477 Aug 08 j 08:22	0° <b>Ω</b> 26° <b>Ω</b> 16'13			-5474 Mar 30 j 00:40	0° <b>₩</b>	
desc. node	-5477 Aug 29 j 14:53 -5477 Sep 01 j 15:38	26°3(16°13			-5474 Apr 23 j 21:02 -5474 May 18 j 10:20	0° <del>Υ</del> 0°Υ	
	-5477 Sep 01 j 13.38 -5477 Sep 26 j 04:56	0∘ <del>ত</del> المار		morning set	-5474 May 30 j 14:58	15° <b>Υ</b> 01'29	
	-5477 Oct 21 j 05:16	0° <b>™</b>		asc. node	-5474 Jun 06 j 03:58	23° <b>Y</b> '07'15	
	-5477 Nov 16 j 05:14	0° <b>∡</b> 7		use. noue	-5474 Jun 11 j 17:04	0°8	
evening max el	-5477 Dec 07 j 10:23	22° <b>∡</b> ³39'30	46°20'03	max. Earth dist.	-5474 Jul 01 j 20:42		1.71907 AU
-	-5477 Dec 14 j 22:47	ರ∘ರ			-5474 Jul 05 j 18:19	$\Pi^{\circ}0$	
asc. node	-5477 Dec 20 j 06:33	4°₹53'04					
greatest brilliancy	-5476 Jan 15 j 06:59	22° <b>る</b> 34'37	-4.8m	superior conj	-5474 Jul 06 j 04:20	0° <b>Ⅲ</b> 31′21	1°02'33
retrograde	-5476 Jan 26 j 07:37	24° <b>ろ</b> 49'36		minimum elong	-5474 Jul 05 j 19:20	0° <b>Ⅱ</b> 03'12	1°02'32
evening set	-5476 Feb 13 j 00:52	18° <b>る</b> 43'57			-5474 Jul 29 j 15:59	0ංම	
inferior conj	-5476 Feb 16 j 16:53	16°る24'40		evening rise	-5474 Aug 12 j 23:47	18°901'05	
minimum elong	-5476 Feb 16 j 18:22	16°る22'17			-5474 Aug 22 j 12:29	0° <b>Q</b>	
min. Earth dist.	-5476 Feb 16 j 14:58		0.29368 AU	JJ.	-5474 Sep 15 j 10:12	0°M)	
morning rise direct	-5476 Feb 20 j 12:02 -5476 Mar 09 j 09:10	14°る00'57 7°る58'00		desc. node	-5474 Sep 26 j 03:20 -5474 Oct 09 j 10:59	13° <b>™</b> 23'52 0° <b>⊆</b>	
greatest brilliancy	-5476 Mar 18 j 21:39	9° <b>る</b> 37'01	-4.7m		-5474 Nov 02 j 16:20	0° <b>™</b>	
desc. node	-5476 Apr 10 j 10:11	22°る58'02	- <del></del>		-5474 Nov 27 j 04:41	0° <b>⊼</b>	
dese. Hode	-5476 Apr 18 j 19:28	0°≈			-5474 Dec 22 j 05:37	0°ਤ	
morning max el	-5476 Apr 27 j 05:36	7° <b>≈</b> 44'39	45°51'56	asc. node	-5473 Jan 16 j 18:02	29° <b>ට</b> 21'52	
C	-5476 May 19 j 02:54	0° <b>∀</b>			-5473 Jan 17 j 07:43	0° <b>≈</b>	
	-5476 Jun 15 j 01:18	$0^{\circ}$ Y			-5473 Feb 14 j 21:00	0° <b>)</b>	
	-5476 Jul 10 j 12:53	0°8		evening max el	-5473 Feb 16 j 04:21	1° <b>¥</b> 15'32	45°08'32
asc. node	-5476 Aug 01 j 02:44	26° <b>8</b> 14'36		greatest brilliancy	-5473 Mar 25 j 19:34	28° <b>∺</b> 32'32	-4.7m
	-5476 Aug 04 j 03:55	$\Pi$ °0			-5473 Mar 31 j 00:28	0° <b>Υ</b>	
	-5476 Aug 28 j 06:19	0°99		retrograde	-5473 Apr 05 j 08:29	0° <b>Y</b> 31'53	
	-5476 Sep 21 j 02:20	0° <b>N</b>			-5473 Apr 10 j 13:30	30° <b>₹</b> ₩	
marning gat	-5476 Oct 14 j 21:06	0°M)		evening set	-5473 Apr 20 j 19:19	26° <b> </b>	2042154
morning set	-5476 Oct 26 j 06:59 -5476 Nov 07 j 17:57	14° <b>™</b> 21'57 0° <b>⊆</b>		inferior conj minimum elong	-5473 Apr 26 j 18:42 -5473 Apr 27 j 00:20	22° <b>H</b> 28°24 22° <b>H</b> 19'40	
desc. node	-5476 Nov 21 j 02:39	0 <b>==</b> 16° <b>£</b> 43'11		min. Earth dist.	-5473 Apr 27 j 16:14		0.28866 AU
dese. Hode	-5476 Dec 01 j 18:14	0°M		morning rise	-5473 May 03 j 04:32	18° <b>X</b> 38'58	0.26600 AC
	- · · · · - · · · · · · · · · · · · · ·			desc. node	-5473 May 08 j 21:04	15° <b>¥</b> 58'47	
superior conj	-5476 Dec 07 j 13:27	7° <b>M</b> ₊13'09	-0°36'40	direct	-5473 May 18 j 13:19	14° <b>¥</b> 08'18	
minimum elong	-5476 Dec 07 j 04:40	6° <b>M</b> 45′50	0°36'28	greatest brilliancy	-5473 May 29 j 19:26	16° <b>¥</b> 23'22	-4.7m
max. Earth dist.	-5476 Dec 12 j 10:50	13°M17'59	1.72157 AU		-5473 Jun 20 j 12:58	$0^{\circ}$ Y	
	-5476 Dec 25 j 21:54	0° <b>∡</b> ¹		morning max el	-5473 Jul 07 j 03:23	15° <b>Y</b> 00′28	46°18'58
evening rise	-5475 Jan 16 j 19:27	27° <b>∡</b> 03'47			-5473 Jul 21 j 17:25	0°8	
	-5475 Jan 19 j 04:37	0°ප		_	-5473 Aug 17 j 10:05	0°II	
	-5475 Feb 12 j 14:38	0° <b>≈</b>		asc. node	-5473 Aug 29 j 14:30	14° <b>Ⅱ</b> 24'31	
,	-5475 Mar 09 j 05:03	0° <b>\</b> 5° <b>\</b> (242€			-5473 Sep 11 j 12:19	0° <b>©</b>	
asc. node	-5475 Mar 13 j 16:06	5° <b>)</b> 24'36 0° <b>Υ</b>			-5473 Oct 05 j 20:58 -5473 Oct 29 j 23:00	0° <b>Ω</b> 0° <b>m</b>	
	-5475 Apr 03 j 01:31 -5475 Apr 28 j 06:17	0°8			-5473 Nov 23 j 00:51	0∘ <b>ত</b> المال	
	-5475 May 23 j 23:28	0°II			-5473 Dec 17 j 05:20	0° <b>m</b>	
	-5475 Jun 19 j 15:29	0°©		desc. node	-5473 Dec 19 j 15:26	2°M59'39	
desc. node	-5475 Jul 03 j 17:16	15° <b>©</b> 02'00			-5472 Jan 10 j 12:40	0° <b>∡</b> ¹	
evening max el	-5475 Jul 13 j 15:22	25° <b>©</b> 05'39	46°59'54	morning set	-5472 Jan 11 j 19:20	1° <b>∡</b> ³34'27	
	-5475 Jul 18 j 16:59	$0^{\circ}\Omega$			-5472 Feb 03 j 21:50	ರ∘ರ	
greatest brilliancy	-5475 Aug 23 j 20:43	25° <b>Ω</b> 40′26	-4.9m				
retrograde	-5475 Sep 01 j 21:57	27° <b>Ω</b> 12′50		superior conj	-5472 Feb 19 j 09:30	19° <b>ට</b> 01'51	
evening set	-5475 Sep 18 j 12:44	21° <b>Ω</b> 54'05		minimum elong	-5472 Feb 19 j 12:06	19° <b>る</b> 09'48	
inferior conj	-5475 Sep 22 j 12:30	19° <b>Ω</b> 30′25		max. Earth dist.	-5472 Feb 19 j 20:19		1.73564 AU
minimum elong	-5475 Sep 22 j 23:02	19° <b>Ω</b> 14'20	7°05'00		-5472 Feb 28 j 07:53	0° <b>≈</b>	
min. Earth dist.	-5475 Sep 22 j 14:54	19° <b>Ω</b> 26'46	0.26481 AU	avaniei	-5472 Mar 23 j 18:30	0° <del>)(</del>	
morning rise	-5475 Sep 27 j 09:18	16° <b>Ω</b> 37'10 11° <b>Ω</b> 56'07		evening rise	-5472 Mar 26 j 23:13	3° <b>¥</b> 55'16 21° <b>¥</b> 21'42	
direct greatest brilliancy	-5475 Oct 12 j 18:50 -5475 Oct 23 j 01:30	$13^{\circ} \Omega 55'07$	-4.9m	asc. node	-5472 Apr 10 j 04:37 -5472 Apr 17 j 05:48	21° <b>π</b> 21′42 0° <b>Υ</b>	
asc. node	-5475 Oct 24 j 10:33	$13^{\circ} 03708$ $14^{\circ} \Omega 29'59$	~ <del>~</del> ,7111		-5472 Apr 17 j 05:48 -5472 May 11 j 18:09	0°8	
ase. Hode	-5475 Nov 16 j 06:56	0° m)			-5472 Jun 05 j 08:15	0°II	
morning max el	-5475 Dec 02 j 04:10	15° Mp 01'30	46°36'35		-5472 Jun 30 j 01:47	0° <b>©</b>	
Ç	-5475 Dec 16 j 11:45	0∘ <mark>⊽</mark>			-5472 Jul 25 j 02:10	0°N	
	-5474 Jan 12 j 10:06	0° <b>M</b> ₊		desc. node	-5472 Jul 31 j 04:52	7° <b>Ω</b> 14'40	

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5472 Aug 19 j 16:20 0° m -5469 Jan 24 i 19:35 0°×7 -5472 Sep 15 j 13:44 0∘**⊽** -5469 Feb 18 j 12:02 0°궁 -5472 Sep 24 j 05:08 9°**2**01'54 47°37'05 -5469 Mar 15 j 02:55 0°**≈** evening max el -5472 Oct 16 j 22:21 oom. -5469 Mar 22 j 19:15 9°≈22'54 morning set greatest brilliancy -5472 Nov 03 j 22:24 11°ML02'19 -4.9m -5469 Apr 08 j 15:24 0°**∀** 19°**米**26′17 1.73504 AU retrograde -5472 Nov 14 j 10:27 13°M 10'45 max. Earth dist. -5469 Apr 24 j 11:11 asc. node -5472 Nov 20 j 21:33 12°M17'30 evening set -5472 Nov 29 j 06:18 8°M41'17 superior conj -5469 Apr 27 j 12:37 23°**)** 12'11 -0°25'45 min. Earth dist. -5472 Dec 04 j 07:08 5°M38'33 0.27449 AU minimum elong -5469 Apr 27 j 17:23 23°**¥**26'53 0°25'36  $0^{\circ}\Upsilon$ inferior conj -5472 Dec 05 j 07:39 4°**™**59'48 3°27'45 -5469 May 03 j 01:02 minimum elong -5472 Dec 05 j 00:49  $5^{\circ}\text{IL}10^{\prime}36$ 3°25'40 asc. node -5469 May 08 j 17:24 7°**Y**00′30 -5469 May 27 j 07:48 morning rise -5472 Dec 10 j 20:13 1°M38'09 0°8 -5472 Dec 13 j 23:25 30°**₽**Ω evening rise -5469 Jun 02 j 02:07 7°**8**08'24 direct -5472 Dec 25 j 21:45 27°**♀**04'48 -5469 Jun 20 j 12:14  $0^{\circ}\Pi$ greatest brilliancy -5471 Jan 03 j 20:15 28°**♀**35'12 -4.8m -5469 Jul 14 j 15:40 0ಂತಾ -5471 Jan 07 j 13:45 0°M -5469 Aug 07 j 20:05  $0^{\circ}\Omega$ morning max el -5471 Feb 12 j 23:27 27°M35'48 46°01'52 desc. node -5469 Aug 28 j 16:57 25°**Ω**45'19 -5471 Feb 15 j 11:03 0°**∡**7 -5469 Sep 01 j 03:50 0° m desc. node -5471 Mar 13 j 01:15 26°**х** 31′01 -5469 Sep 25 j 17:50 0°Ω -5471 Mar 16 j 06:08 0°る -5469 Oct 20 j 19:22 0°M -5471 Apr 12 j 00:02 0°≈ -5469 Nov 15 j 21:56 0°×7 -5471 May 07 i 17:43 0°**)**€ -5469 Dec 05 i 01:42 20°×23'13 46°23'09 evening max el -5471 Jun 01 j 19:10  $0^{\circ}\Upsilon$ -5469 Dec 15 i 00:03 0°궁 -5471 Jun 26 i 08:08 0°8 -5469 Dec 19 j 08:51 3°る55'30 asc. node -5471 Jul 03 j 16:37 9°**8**05'40 -5468 Jan 13 j 00:50 20°る26'21 asc. node greatest brilliancy -4.8m-5471 Jul 20 j 11:27  $0^{\circ}II$ -5468 Jan 24 j 00:25 22°ろ40'40 retrograde -5471 Aug 08 j 16:55 24°**Ⅲ**09'10 -5468 Feb 10 j 17:56 16°**ප**35'14 morning set evening set 0ಂತಾ -5468 Feb 14 j 09:56 14°る15'43 8°11'11 -5471 Aug 13 j 08:13 inferior conj -5471 Sep 06 j 02:03  $0^{\circ}\Omega$ -5468 Feb 14 j 10:44 14°る14'27 8°10'52 minimum elong -5468 Feb 14 j 06:49 14°る20'44 0.29338 AU min. Earth dist. -5471 Sep 17 j 10:07 14°Ω19'27 1°10'52 -5468 Feb 18 j 03:43 11°**る**53'47 superior conj morning rise -5468 Mar 07 j 01:33 -5471 Sep 17 j 20:24 14°**Ω**51'57 1°10'51 5°**る**49'43 minimum elong direct -5471 Sep 20 j 00:14 max. Earth dist. 17°**Ω**35'35 1.70820 AU -5468 Mar 16 j 12:37 7°**る**27'16 -4.7m greatest brilliancy -5471 Sep 29 j 20:14 -5468 Apr 09 j 12:15 0° m desc. node 21°**る**56'56 -5471 Oct 23 j 16:01 29° m 56'57 -5468 Apr 18 j 21:23 desc. node 0°≈ 5°≈32'26 45°51'30 -5471 Oct 23 j 17:00 0∘**⊽** morning max el -5468 Apr 24 j 20:29 evening rise -5471 Oct 30 j 00:53 7°**£**55'35 -5468 May 18 j 19:31 0°**₩** -5471 Nov 16 j 17:19 0°M -5468 Jun 14 j 15:06  $0^{\circ}\Upsilon$ -5471 Dec 10 j 21:38 0°**√** -5468 Jul 10 j 01:26 0°8 -5470 Jan 04 j 07:11 0°ರ -5468 Jul 31 j 04:46 25°844'04 asc. node -5470 Jan 29 j 00:54 0°**≈** -5468 Aug 03 j 15:49  $\Pi^{\circ}0$ -5470 Feb 13 j 05:54 18°≈08'06 -5468 Aug 27 j 17:52 0ಂತಾ asc. node -5470 Feb 23 j 07:59 0°**)**€ -5468 Sep 20 j 13:43  $0^{\circ}\Omega$ -5470 Mar 21 j 13:29  $0^{\circ}\Upsilon$ -5468 Oct 14 j 08:22 0° M -5470 Apr 18 j 14:39  $0^{\circ}$ 8 morning set -5468 Oct 23 j 17:01 11°Mp47'18 evening max el -5470 Apr 28 i 15:13 9°**8**51'33 45°26'40 -5468 Nov 07 i 05:07 0∘**⊽** -5470 May 22 j 18:10  $\mathbb{I}^{\circ 0}$ desc. node -5468 Nov 20 i 04:50 16°**£**15′13 desc. node -5470 Jun 05 i 08:19 7°**Ⅲ**20′16 -5468 Dec 01 j 05:20 0°M -5470 Jun 06 j 11:26 7°**Ⅱ**44'30 -4.8m greatest brilliancy -5470 Jun 16 j 11:21 9°**Ⅲ**31'13 -5468 Dec 04 i 23:59 4°ML42'06 -0°33'14 retrograde superior coni -5470 Jul 02 j 06:13 4°**I**150'01 -5468 Dec 04 i 15:50 4°ML16'44 0°33'01 evening set minimum elong -5470 Jul 07 j 10:52 1°**II**47'54 -6°48'09 -5468 Dec 10 j 01:17 10°ML59'13 1.72097 AU inferior coni max. Earth dist. -5470 Jul 07 j 00:29 2°**I**03'34 6°45'52 -5468 Dec 25 j 08:58 0°×7 minimum elong min. Earth dist. -5470 Jul 07 j 15:57 1°**Д**40'15 0.27468 AU evening rise -5467 Jan 14 j 09:35 24°**х** 45′10 -5470 Jul 10 j 11:07 30°R₩ -5467 Jan 18 j 15:42 0°정 -5470 Jul 11 j 18:27 29°**8**14'47 -5467 Feb 12 j 01:49 0°≈ morning rise -5470 Jul 28 j 13:13 23°**8**57'02 -5467 Mar 08 j 16:29 0°**)**€ direct -5470 Aug 08 j 11:15 26°**8**09'40 -5467 Mar 12 j 18:08 4° **\(**55'54 greatest brilliancy -4.9m asc. node  $0^{\circ}\Upsilon$ -5470 Aug 16 j 05:40  $\Pi$ °0 -5467 Apr 02 j 13:28 -5470 Sep 17 j 04:21 27°**I**101'45 46°48'42 -5467 Apr 27 j 19:09 0°8 morning max el  $0^{\circ}\Pi$ -5470 Sep 20 j 01:36 0ಂತಾ -5467 May 23 j 13:59 asc. node -5470 Sep 26 j 01:46 6°921'12 -5467 Jun 19 j 09:17 0ಂತಾ -5470 Oct 17 j 04:04 0° $\Omega$ desc. node -5467 Jul 02 j 19:29 14°9513'41 -5470 Nov 11 j 13:23 0° m evening max el -5467 Jul 11 j 02:52 22°936'26 46°56'48 -5470 Dec 06 j 09:35 0∘**⊽** -5467 Jul 18 j 20:17 0° $\Omega$ -5470 Dec 31 j 02:41 0°M 23°**Q**10′53 -4.9m greatest brilliancy -5467 Aug 21 j 09:45 desc. node -5469 Jan 16 j 03:52 19°M29'32 -5467 Aug 30 j 09:21 retrograde 24°**Ω**42'16

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5467 Sep 16 j 04:09 19°**Ω**18'52 -5464 Feb 27 j 18:52 0°≈ evening set -5467 Sep 20 j 00:34 17°Ω00'26 -7°21'53 -5464 Mar 23 j 05:31 0°**₩** inferior conj 1°**)** 52′21 -5467 Sep 20 j 10:51 -5464 Mar 24 j 18:10 16°**Ω**44'45 7°19'44 minimum elong evening rise -5467 Sep 20 j 03:54 16°**Ω**55'20 0.26493 AU -5464 Apr 09 j 06:46 20° ¥ 54'06 min. Earth dist. asc. node  $0^{\circ}\Upsilon$ -5467 Sep 24 j 17:29 -5464 Apr 16 j 17:01 morning rise 14°**Ω**12'45 -5464 May 11 j 05:42 direct -5467 Oct 10 j 06:31 9°**£**25′51 0°8 greatest brilliancy -5467 Oct 20 j 15:19 11°**Ω**28'35 -4.9m -5464 Jun 04 j 20:19  $0^{\circ}\Pi$ asc. node -5467 Oct 23 j 12:41 12°**Ω**41'44 -5464 Jun 29 j 14:36 0°9 -5467 Nov 16 j 14:45 0° m -5464 Jul 24 j 16:08 0 $^{\circ}$  $\Omega$ morning max el -5467 Nov 29 j 16:47 12° Mp 33'40 46°37'49 desc. node -5464 Jul 30 j 06:54 6°**Ω**38'22 -5467 Dec 16 j 06:26 0∘**⊽** -5464 Aug 19 j 08:19 0° M -5466 Jan 12 j 01:04 0°M -5464 Sep 15 j 10:14 0∘**⊽** -5466 Feb 06 j 22:22 0°**∡**¹ evening max el -5464 Sep 21 j 21:13 6°**2**42'23 47°38'02 desc. node -5466 Feb 12 j 15:47 6°**х** 42'43 -5464 Oct 17 j 16:00 0°M -5466 Mar 04 j 09:13 0°ರ greatest brilliancy -5464 Nov 01 j 13:49 8°M39'18 -4.9m -5466 Mar 29 j 12:20 0°**≈** retrograde -5464 Nov 12 j 02:04 10°ML47'31 -5466 Apr 23 j 08:19 0°**)**€ asc. node -5464 Nov 19 j 23:52 9°M27'40 -5466 May 17 j 21:25  $0^{\circ}\Upsilon$ evening set -5464 Nov 26 j 19:49 6°M20'09 morning set -5466 May 28 j 09:05 12°Y55'05 min. Earth dist. -5464 Dec 01 j 21:34 3°M16'11 0.27372 AU asc. node -5466 Jun 05 j 06:11 22° Y 39'55 inferior conj -5464 Dec 02 j 22:05 2°M37'30 3°07'50 -5466 Jun 11 j 04:06 0°8 minimum elong -5464 Dec 02 j 15:48 2°M47'25 3°05'53 max. Earth dist. -5466 Jun 29 j 14:12 22°**8**57'07 1.71972 AU -5464 Dec 07 i 04:23 30°R<u>₽</u> -5464 Dec 08 i 12:46 29°**₽**13'30 morning rise -5466 Jul 03 i 20:43 28°**8**17'41 1°00'18 -5464 Dec 23 i 11:57 24°**₽**43'56 superior conj direct -5466 Jul 03 j 11:43 27°**8**49'32 1°00'16 greatest brilliancy -5463 Jan 01 j 10:00 26°**₽**14'28 minimum elong -4.8m-5466 Jul 05 j 05:24  $0^{\circ}II$ -5463 Jan 09 j 20:58 o°m. -5466 Jul 29 j 03:12 0ಂತಾ -5463 Feb 10 j 14:54 25°M-21'55 46°02'54 morning max el -5463 Feb 15 j 08:53 -5466 Aug 10 j 12:42 15°935'16 0°×7 evening rise -5466 Aug 21 j 23:52  $0^{\circ}\Omega$ -5463 Mar 12 j 03:21 25° ₹ 52'48 desc node -5466 Sep 14 j 21:46 0° m -5463 Mar 15 j 21:53 0°궁 0°≈ -5466 Sep 25 j 05:23 12° m 53'53 -5463 Apr 11 j 13:29 desc. node -5466 Oct 08 j 22:44 0∘ଫ -5463 May 07 j 06:04 0° <del>)(</del>  $0^{\circ}\Upsilon$ -5466 Nov 02 j 04:21 0°M -5463 Jun 01 j 06:57  $0^{\circ}$ 8 -5466 Nov 26 j 17:10 -5463 Jun 25 j 19:38 0° **₹** -5463 Jul 02 j 18:41 -5466 Dec 21 j 19:01 0°궁 asc. node 8°**8**36'37 asc. node -5465 Jan 15 j 20:06 28°**る**44'36 -5463 Jul 19 j 22:48  $0^{\circ}\Pi$ 21°II45'00 -5465 Jan 16 j 23:17 0°≈ morning set -5463 Aug 06 j 06:27 -5465 Feb 13 j 19:46 29°**≈**03'57 45°09'40 -5463 Aug 12 j 19:32 0ಂತಾ evening max el -5465 Feb 14 j 19:13 0°**)**€ -5463 Sep 05 j 13:23  $0^{\circ}\Omega$ greatest brilliancy -5465 Mar 23 j 10:34 26°**)**€22'46 -4.7m -5465 Apr 03 j 01:04 28°**¥**23'22 superior conj -5463 Sep 14 j 20:20 11°Ω44'16 1°12'51 retrograde -5465 Apr 18 j 13:19 23°**)**(49'02 -5463 Sep 15 j 06:04 12°Ω15'01 1°12'53 evening set minimum elong -5465 Apr 24 j 10:51 20°\ 18'42 3°01'54 -5463 Sep 17 j 04:37 14°Ω41'58 1.70812 AU inferior conj max. Earth dist. 20°**₭**09'09 3°00'12 -5463 Sep 29 j 07:37 minimum elong -5465 Apr 24 j 17:02 0° M -5465 Apr 25 j 08:17 19°**)**45'32 0.28917 AU min. Earth dist. desc. node -5463 Oct 22 j 18:12 29° m 27'51 morning rise -5465 Apr 30 j 20:00 16°**)** € 30'19 -5463 Oct 23 i 04:27 0∘**⊽** desc. node -5465 May 07 j 23:20 13°¥18'56 evening rise -5463 Oct 27 i 08:59 5°**£**14'53 direct -5465 May 16 i 05:58 11°**)** 57'41 -5463 Nov 16 i 04:49 0°M greatest brilliancy -5465 May 27 j 11:22 14°**)**€ 12'27 -5463 Dec 10 j 09:13 0°×7 -4.7m -5465 Jun 20 j 20:43  $0^{\circ}\Upsilon$ -5462 Jan 03 j 18:58 0°궁 -5465 Jul 04 j 20:06 12°Υ48'54 46°17'42 -5462 Jan 28 j 13:07 morning max el 0°≈ -5465 Jul 21 j 11:33 0°8 -5462 Feb 12 j 07:59 17°≈36'51 asc node  $\mathbb{I}^{\circ 0}$ 0°\ -5465 Aug 17 j 00:48 -5462 Feb 22 j 21:08  $0^{\circ}\Upsilon$ -5465 Aug 28 j 16:36 13°**Ⅱ**49'18 -5462 Mar 21 j 04:40 asc. node -5465 Sep 11 j 01:35 0000 -5462 Apr 18 j 11:04 0°8 -5465 Oct 05 j 09:28  $0^{\circ}\Omega$ -5462 Apr 26 j 05:46 7°**8**35'41 45°24'16 evening max el -5465 Oct 29 j 11:03 0° m  $0^{\circ}\Pi$ -5462 May 23 j 21:51 0∘**⊽** 5°**I**I23'51 -4.8m -5465 Nov 22 j 12:34 greatest brilliancy -5462 Jun 04 j 00:02 0°M -5465 Dec 16 j 16:48 desc. node -5462 Jun 04 j 10:28 5°**Ⅲ**32'35 7°**Ⅲ**10′22 desc. node -5465 Dec 18 j 17:34 2°M30'51 retrograde -5462 Jun 13 j 23:51 29°M12'55 morning set -5464 Jan 09 j 08:38 evening set -5462 Jun 29 j 16:07 2°**Ⅲ**34′02 -5464 Jan 09 j 23:55 0°**∡** -5462 Jul 04 j 02:21 30°R₩

inferior conj

minimum elong

min. Earth dist.

morning rise

direct

-5462 Jul 05 j 00:17

-5462 Jul 04 j 13:49

-5462 Jul 05 j 05:56

-5462 Jul 09 j 11:09

-5462 Jul 26 j 03:16

29°**8**26'53 -6°33'03

6°30'39

0.27511 AU

29°**8**42'42

29°**8**18'22

26°**8**48'43

21°**8**35'10

-5464 Feb 03 j 08:54

-5464 Feb 17 j 02:35

-5464 Feb 17 j 04:31

-5464 Feb 17 j 17:20

superior conj

minimum elong

max. Earth dist.

0°궁

16°る53'06 -1°22'22

16°る59'02 1°22'40

17°る38'23 1.73540 AU

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 89 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	ical year style is used: Th	e year -5899 i	n astronomical cou	inting style is the year	5900 BCE in historical co	ounting style.	
greatest brilliancy	-5462 Aug 06 j 01:53	23° <b>8</b> 47'38	-4.9m	asc. node	-5459 Mar 11 j 20:21	4° <b>)</b> €27'32	
	-5462 Aug 17 j 14:15	$\Pi^{\circ}0$			-5459 Apr 02 j 01:29	$0$ ° $\Upsilon$	
morning max el	-5462 Sep 14 j 16:53	24° <b>Ⅲ</b> 33′02	46°48'12		-5459 Apr 27 j 08:05	$9^{\circ}$ 8	
	-5462 Sep 19 j 23:03	$0$ $\circ$ $\odot$			-5459 May 23 j 04:35	$\Pi$ °0	
asc. node	-5462 Sep 25 j 03:58	5° <b>©</b> 33'35			-5459 Jun 19 j 03:21	$0$ $\circ$	
	-5462 Oct 16 j 20:17	$0^{\circ}\Omega$		desc. node	-5459 Jul 01 j 21:30	13° <b>©</b> 24'32	
	-5462 Nov 11 j 03:31	0° <b>m</b>		evening max el	-5459 Jul 08 j 14:35	20° <b>©</b> 08'23	46°53'36
	-5462 Dec 05 j 22:36	0∘ <b>⊽</b>			-5459 Jul 19 j 01:08	$0 {\circ} \Omega$	
	-5462 Dec 30 j 14:59	0°M₊		greatest brilliancy	-5459 Aug 18 j 22:02	20° <b>Ω</b> 40'46	-4.9m
desc. node	-5461 Jan 15 j 05:51	18°M59'15		retrograde	-5459 Aug 27 j 21:08	22° <b>Ω</b> 11'55	
	-5461 Jan 24 j 07:21	0° <b>∡</b> ¹		evening set	-5459 Sep 13 j 19:27	16° <b>Ω</b> 43'32	
	-5461 Feb 17 j 23:25	0°ಕ		inferior conj	-5459 Sep 17 j 12:35	14° <b>Ω</b> 30′15	
	-5461 Mar 14 j 14:03	0° <b>≈</b>		minimum elong	-5459 Sep 17 j 22:33	14° <b>Ω</b> 15′05	
morning set	-5461 Mar 20 j 13:56	7° <b>≈</b> 19'29		min. Earth dist.	-5459 Sep 17 j 16:35	14° <b>Ω</b> 24'10	0.26516 AU
	-5461 Apr 08 j 02:23	0° <b>∀</b>		morning rise	-5459 Sep 22 j 01:34	11° <b>Ω</b> 48′28	
max. Earth dist.	-5461 Apr 22 j 07:43	17° <b>∺</b> 28'11	1.73534 AU	direct	-5459 Oct 07 j 18:37	6° <b>Ω</b> 55'10	
				greatest brilliancy	-5459 Oct 18 j 04:57	8° <b>Ω</b> 59'29	-4.9m
superior conj	-5461 Apr 25 j 08:07	21° <b>∺</b> 10′50		asc. node	-5459 Oct 22 j 15:00	10° <b>Ω</b> 57'33	
minimum elong	-5461 Apr 25 j 13:21	21° <b>∺</b> 26′56	0°28'24		-5459 Nov 16 j 20:33	0°Щ	
	-5461 May 02 j 11:59	$0^{\circ}$ $\Upsilon$		morning max el	-5459 Nov 27 j 06:28	10° <b>™</b> 07'50	46°38'58
asc. node	-5461 May 07 j 19:38	6° <b>Ƴ</b> 33'32			-5459 Dec 16 j 00:51	0∘ <b>⊽</b>	
	-5461 May 26 j 18:51	$9^{\circ}$ 8			-5458 Jan 11 j 15:58	0°M	
evening rise	-5461 May 30 j 21:24	5° <b>8</b> 05'02			-5458 Feb 06 j 11:34	0°⊀	
	-5461 Jun 19 j 23:31	$\Pi$ °0		desc. node	-5458 Feb 11 j 17:58	6° <b>⊀</b> 11′09	
	-5461 Jul 14 j 03:18	$0$ $\circ$ $\odot$			-5458 Mar 03 j 21:25	0° <b>ට</b>	
	-5461 Aug 07 j 08:08	$0^{\circ}\Omega$			-5458 Mar 28 j 23:54	0° <b>≈</b>	
desc. node	-5461 Aug 27 j 19:03	25° <b>Ω</b> 13'25			-5458 Apr 22 j 19:31	0° <b>∀</b>	
	-5461 Aug 31 j 16:24	0° <b>m</b> )			-5458 May 17 j 08:24	$0$ ° $\mathbf{\Upsilon}$	
	-5461 Sep 25 j 07:07	0∘ <b>⊽</b>		morning set	-5458 May 26 j 03:43	10° <b>Ƴ</b> 50'38	
	-5461 Oct 20 j 09:54	0°M		asc. node	-5458 Jun 04 j 08:15	22° <b>Υ</b> 12'25	
	-5461 Nov 15 j 15:13	0° <b>∡</b> ¹			-5458 Jun 10 j 15:01	$9^{\circ}$ 8	
evening max el	-5461 Dec 02 j 16:18	18° <b>₹</b> ′04'21	46°26'28	max. Earth dist.	-5458 Jun 27 j 07:41	20° <b>8</b> 47'38	1.72030 AU
	-5461 Dec 15 j 02:58	0°ಕ					
asc. node	-5461 Dec 18 j 10:55	2° <b>る</b> 55'39		superior conj	-5458 Jul 01 j 13:44	26° <b>8</b> 06'31	0°58'00
greatest brilliancy	-5460 Jan 10 j 18:50	18° <b>る</b> 17'47	-4.8m	minimum elong	-5458 Jul 01 j 04:48	25° <b>8</b> 38'36	0°57'56
retrograde	-5460 Jan 21 j 17:21	20° <b>ට</b> 31'45			-5458 Jul 04 j 16:22	$\Pi^{\circ}0$	
evening set	-5460 Feb 08 j 10:54	14° <b>පි</b> 26'41			-5458 Jul 28 j 14:16	0ಂ <b>ತಾ</b>	
inferior conj	-5460 Feb 12 j 03:10	12° <b>る</b> 06'45	8°12'11	evening rise	-5458 Aug 08 j 02:23	13°5512'26	
minimum elong	-5460 Feb 12 j 03:16	12° <b>る</b> 06'35	8°11'52		-5458 Aug 21 j 11:05	$0^{\circ}\Omega$	
min. Earth dist.	-5460 Feb 11 j 23:01	12° <b>る</b> 13'26	0.29304 AU		-5458 Sep 14 j 09:11	0° <b>m</b>	
morning rise	-5460 Feb 15 j 19:48	9° <b>ට</b> 46'24		desc. node	-5458 Sep 24 j 07:35	12° <b>m</b> 24'43	
direct	-5460 Mar 04 j 17:40	3°₹41'18			-5458 Oct 08 j 10:26	0∘ <b>⊽</b>	
greatest brilliancy	-5460 Mar 14 j 04:11	5° <b>ප</b> 18'06	-4.7m		-5458 Nov 01 j 16:23	$0^{\circ}$ M	
desc. node	-5460 Apr 08 j 14:29	20°る57'30			-5458 Nov 26 j 05:43	0°⊀	
	-5460 Apr 18 j 22:04	0° <b>≈</b>			-5458 Dec 21 j 08:34	5°0	
morning max el	-5460 Apr 22 j 11:39	3° <b>≈</b> 20'46	45°51'19	asc. node	-5457 Jan 14 j 22:17	28° <b>ප</b> 07'16	
-	-5460 May 18 j 11:52	0° <b>∀</b>			-5457 Jan 16 j 15:06	0° <b>≈</b>	
	-5460 Jun 14 j 04:48	$0^{\circ}$ Y		evening max el	-5457 Feb 11 j 11:58	26°≈54'25	45°11'05
	-5460 Jul 09 j 13:57	$9^{\circ}$ 8			-5457 Feb 14 j 18:18	0° <b>)</b> €	
asc. node	-5460 Jul 30 j 06:54	25° <b>8</b> 13'41		greatest brilliancy	-5457 Mar 21 j 01:52	24° <b>)</b> 14′01	-4.7m
	-5460 Aug 03 j 03:46	$\Pi^{\circ}0$		retrograde	-5457 Mar 31 j 17:41	26° <b>升</b> 15′28	
	-5460 Aug 27 j 05:33	0°©		evening set	-5457 Apr 16 j 07:35	21° <b>)</b> 37′55	
	-5460 Sep 20 j 01:16	$0^{\circ}\Omega$		inferior conj	-5457 Apr 22 j 03:08	18° <b>)</b> €09'47	3°19'36
	-5460 Oct 13 j 19:50	0° <b>m</b> )		minimum elong	-5457 Apr 22 j 09:47	17° <b>¥</b> 59′29	3°17'47
morning set	-5460 Oct 21 j 02:36	9° m 10'27		min. Earth dist.	-5457 Apr 23 j 00:13	17° <b>)</b> 37′06	0.28961 AU
	-5460 Nov 06 j 16:29	0∘ <b>⊽</b>		morning rise	-5457 Apr 28 j 11:22	14° <b>)</b> 22'33	
desc. node	-5460 Nov 19 j 06:58	15° <b>≙</b> 46'27		desc. node	-5457 May 07 j 01:31	10° <b>)</b> 44′32	
	-5460 Nov 30 j 16:37	0° <b>M</b> .		direct	-5457 May 13 j 23:03	9° <b>)</b> 48′04	
	,			greatest brilliancy	-5457 May 25 j 02:42	12° <b>)</b> €01'37	-4.7m
superior conj	-5460 Dec 02 j 10:00	2°M08'51	-0°29'40	,	-5457 Jun 21 j 01:57	$0^{\circ}\Upsilon$	
minimum elong	-5460 Dec 02 j 02:32	1°ML45'37		morning max el	-5457 Jul 02 j 12:59	10° <b>Ƴ</b> 38'40	46°16'30
max. Earth dist.	-5460 Dec 07 j 12:49	8°M30'55	1.72031 AU	Č	-5457 Jul 21 j 05:00	0°8	
	-5460 Dec 24 j 20:11	0° <b>∡</b> ¹			-5457 Aug 16 j 15:04	0°II	
evening rise	-5459 Jan 11 j 23:26	22° <b>∡</b> ¹25'20		asc. node	-5457 Aug 27 j 18:50	13° <b>Ⅲ</b> 15'32	
Č	-5459 Jan 18 j 02:54	0°ಕ			-5457 Sep 10 j 14:29	0°9	
	-5459 Feb 11 j 13:06	0° <b>≈</b>			-5457 Oct 04 j 21:39	$0^{\circ}\Omega$	
	-5459 Mar 08 j 04:00	0° <b>∀</b>			-5457 Oct 28 j 22:49	0° mp	
					,		

-	cal year style is used: Th		•	· · ·			50 70
recention, doctronomi	-5457 Nov 22 j 00:05	0° <b>⊡</b>	ii ustronomicui cou	greatest brilliancy	-5454 Jun 01 j 12:57	3° <b>I</b> 04'38	-4.8m
	-5457 Dec 16 j 04:06	0° <b>M</b>		desc. node	-5454 Jun 03 j 12:31	3° <b>Ⅱ</b> 41'41	
desc. node	-5457 Dec 17 j 19:33	2°ML02'04		retrograde	-5454 Jun 11 j 12:20	4° <b>I</b> 51′03	
morning set	-5456 Jan 06 j 21:22	26°M49'57		evening set	-5454 Jun 27 j 02:16	0° <b>Ⅱ</b> 18'59	
morning set	-5456 Jan 09 j 11:01	0° <b>⊼</b>		evening set	-5454 Jun 27 j 16:08	30°R <b>8</b>	
	-5456 Feb 02 j 19:50	0°ਤ ਹ ×		inferior conj	-5454 Jul 02 j 13:49	27° <b>8</b> 07'20	-6°17'23
	-3430 FC0 02 j 19.30	0.0		minimum elong	-5454 Jul 02 j 03:21	27° <b>8</b> 23'10	
superior conj	-5456 Feb 14 j 19:04	14° <b>る</b> 42'48	-1°22'40	min. Earth dist.	-5454 Jul 02 j 20:20		0.27553 AU
minimum elong	-5456 Feb 14 j 20:17	14°る46'33		morning rise	-5454 Jul 07 j 03:56	24° <b>8</b> 24'14	0.27333 AO
max. Earth dist.	-5456 Feb 15 j 14:40		1.73510 AU	direct	-5454 Jul 23 j 16:56	19° <b>8</b> 14'33	
max. Earm dist.	-5456 Feb 27 i 05:42	0°≈	1.73310 AU	greatest brilliancy	-5454 Aug 03 j 17:13	21° <b>8</b> 27'48	4.0m
evening rise	-5456 Mar 22 j 12:43	0 ≈ 29°≈48'46		greatest offinality	-5454 Aug 18 j 13:10	0°Ⅱ	-4.9111
evening rise	-5456 Mar 22 j 16:23	0° <b>)</b> €		morning max el	-5454 Sep 12 j 05:22	22° <b>I</b> 05'22	16017113
asc. node	-5456 Apr 08 j 08:58	20° <b>∺</b> 27'15		morning max cr	-5454 Sep 19 j 19:23	0°9	40 47 43
asc. node	-5456 Apr 16 j 04:03	20 <b>γ</b> (2713		asc. node	-5454 Sep 24 j 06:11	4°9347'49	
	-5456 May 10 j 17:04	0°8		asc. node	-5454 Oct 16 j 11:52	0°Ω	
	-5456 Jun 04 j 08:11	0°II			-5454 Nov 10 j 17:09	0° <b>m</b> )	
	-5456 Jun 29 j 03:12	0°©			-5454 Dec 05 j 11:10	0∘ <del>ত</del> مالا	
	-5456 Jul 24 j 05:54	0° <b>U</b>			-5454 Dec 30 j 02:50	0° <b>™</b>	
desc. node	-5456 Jul 29 j 09:06	6° <b>Ω</b> 03'21		desc. node	-5453 Jan 14 j 08:03	18°MJ30'53	
desc. node	v			desc. node	,	18 IIL3033	
	-5456 Aug 19 j 00:08	0° <b>m</b> )			-5453 Jan 23 j 18:43	0°중	
	-5456 Sep 15 j 06:53	0° <b>亞</b>	47020145		-5453 Feb 17 j 10:27		
evening max el	-5456 Sep 19 j 13:28	4° <b>£</b> 24'37	47°38'45	. ,	-5453 Mar 14 j 00:53	0°≈	
4 41 311	-5456 Oct 18 j 14:54	0°M	4.0	morning set	-5453 Mar 18 j 08:18	5°≈15'57	
greatest brilliancy	-5456 Oct 30 j 05:33	6°M17'54	-4.9m	E d Ed	-5453 Apr 07 j 13:07	0° <b>∺</b>	1.72565 ATT
retrograde	-5456 Nov 09 j 17:29	8°M25'10		max. Earth dist.	-5453 Apr 20 j 03:43	15° <b>X</b> 29°13	1.73565 AU
asc. node	-5456 Nov 19 j 01:55	6°M33'57			5452 4 22:02.20	1001/00122	0021122
evening set	-5456 Nov 24 j 09:36	3°M59'57	0.07201 ATT	superior conj	-5453 Apr 23 j 03:20	19° <b>¥</b> 09′23	
min. Earth dist.	-5456 Nov 29 j 12:17		0.27301 AU	minimum elong	-5453 Apr 23 j 09:00	19° <b>¥</b> 26′50	0°31'12
inferior conj	-5456 Nov 30 j 12:34	0°M16'12			-5453 May 01 j 22:43	0° <b>Υ</b>	
minimum elong	-5456 Nov 30 j 06:52	0°M25'11	2°45'39	asc. node	-5453 May 06 j 21:40	6° <b>Y</b> 06'40	
	-5456 Nov 30 j 22:50	30°R <b>≏</b>			-5453 May 26 j 05:40	0°8	
morning rise	-5456 Dec 06 j 05:13	26° <b>£</b> 49'46		evening rise	-5453 May 28 j 16:26	3° <b>8</b> 01'49	
direct	-5456 Dec 21 j 02:17	22° <b>£</b> 24'07			-5453 Jun 19 j 10:33	0°Ⅱ	
greatest brilliancy	-5456 Dec 30 j 00:03	23° <b>£</b> 54'39	-4.8m		-5453 Jul 13 j 14:38	0°9	
	-5455 Jan 11 j 08:24	0°M	1.0002112		-5453 Aug 06 j 19:54	0°N	
morning max el	-5455 Feb 08 j 05:45	23°M06'58	46°03'43	desc. node	-5453 Aug 26 j 21:15	24° <b>Ω</b> 42'46	
	-5455 Feb 15 j 05:44	0° ⊀ <sup>7</sup>			-5453 Aug 31 j 04:42	0° <b>m</b> )	
desc. node	-5455 Mar 11 j 05:34	25° <b>∡</b> 15'40			-5453 Sep 24 j 20:10	0∘ <b>亚</b>	
	-5455 Mar 15 j 13:14	0° <b>ට</b>			-5453 Oct 20 j 00:15	0°M 0°. <b>₹</b>	
	-5455 Apr 11 j 02:39	0° <b>≈</b>			-5453 Nov 15 j 08:29	0° <b>∡</b> 7	46020152
	-5455 May 06 j 18:08	0° <b>∀</b>		evening max el	-5453 Nov 30 j 06:46	15° <b>∡</b> 746′05	46°29'52
	-5455 May 31 j 18:26	0°Υ		,	-5453 Dec 15 j 07:05	0°る	
1	-5455 Jun 25 j 06:48	0°8		asc. node	-5453 Dec 17 j 13:08	1°る55'45	4.0
asc. node	-5455 Jul 01 j 20:45	8° <b>8</b> 08'35		greatest brilliancy	-5452 Jan 08 j 12:14	16°る09'20	-4.8m
. ,	-5455 Jul 19 j 09:50	0°II		retrograde	-5452 Jan 19 j 10:31	18°る23'48	
morning set	-5455 Aug 03 j 20:12	19° <b>Ⅱ</b> 22'33		evening set	-5452 Feb 06 j 03:31	12° <b>ろ</b> 19'14	0012122
	-5455 Aug 12 j 06:32	0° <b>⊙</b>		inferior conj	-5452 Feb 09 j 20:20	9° <b>る</b> 58'34	8°12'23
	-5455 Sep 05 j 00:24	$0$ $\circ$ $\Omega$		minimum elong	-5452 Feb 09 j 19:46	9°る59'29	8°12'03
	5455 0 10:07.04	00 0 1 1147	1014141	min. Earth dist.	-5452 Feb 09 j 15:05	10°る07'01	0.29271 AU
superior conj	-5455 Sep 12 j 07:04		1°14'41	morning rise	-5452 Feb 13 j 12:09	7° <b>る</b> 39'29	
minimum elong	-5455 Sep 12 j 16:12	9° <b>Ω</b> 40'35		direct	-5452 Mar 02 j 09:33	1°る33'32	4.7
max. Earth dist.	-5455 Sep 14 j 05:53		1.70805 AU	greatest brilliancy	-5452 Mar 11 j 19:50	3° <b>ろ</b> 09'55	-4.7m
1 1	-5455 Sep 28 j 18:41	0°M)		desc. node	-5452 Apr 07 j 16:38	20° <b>ප</b> 00'01	
desc. node	-5455 Oct 21 j 20:19	28° m 59'42			-5452 Apr 18 j 21:19	0°≈	45051102
	-5455 Oct 22 j 15:33	ე₀ <b>౮</b>		morning max el	-5452 Apr 20 j 03:35	1°≈11'36	45*51*03
evening rise	-5455 Oct 24 j 17:22	2° <b>₽</b> 36'03			-5452 May 18 j 03:44	0° <b>∀</b> 0° <b>Υ</b>	
	-5455 Nov 15 j 15:57	0°M			-5452 Jun 13 j 18:13		
	-5455 Dec 09 j 20:27	0°⊀ 0°=		aaa	-5452 Jul 09 j 02:15	0°8	
	-5454 Jan 03 j 06:27	0°る		asc. node	-5452 Jul 29 j 09:10	24° <b>8</b> 44'20	
	-5454 Jan 28 j 01:07	0° <b>≈</b>			-5452 Aug 02 j 15:29	0°II	
asc. node	-5454 Feb 11 j 10:12	17°≈06'33			-5452 Aug 26 j 16:59	0°ಅ	
	-5454 Feb 22 j 10:09	0° <b>∀</b>			-5452 Sep 19 j 12:33	0° <b>N</b>	
	-5454 Mar 20 j 19:50	0° <b>Ƴ</b>			-5452 Oct 13 j 07:01	0°M)	
	-5454 Apr 18 j 07:55	0° <b>8</b>	4500000	morning set	-5452 Oct 18 j 12:14	6° Mp 34'27	
evening max el	-5454 Apr 23 j 19:33	5° <b>8</b> 18'48	45~22'07	4 1	-5452 Nov 06 j 03:36	0° <b>亞</b>	
	-5454 May 25 j 12:27	$\Pi$ °0		desc. node	-5452 Nov 18 j 08:57	15° <b>≏</b> 17'57	

,	ical year style is used: Th		•	//		, ,	50 71
superior conj	-5452 Nov 29 j 19:53	29° <b>≙</b> 35'47		greatest brilliancy	-5449 May 22 j 17:44	9° <b>¥</b> 50'48	-4.7m
minimum elong	-5452 Nov 29 j 13:11	29° <b>≙</b> 14'56	0°25'51		-5449 Jun 21 j 05:22	$0^{\circ}$ $\Upsilon$	
-	-5452 Nov 30 j 03:39	$0^{\circ}$ M.		morning max el	-5449 Jun 30 j 05:10	8° <b>Y</b> 26'52	46°15'06
max. Earth dist.	-5452 Dec 04 j 21:40	5°M54'54	1.71967 AU		-5449 Jul 20 j 22:10	$9^{\circ}$ 8	
	-5452 Dec 24 j 07:10	0° <b>∡</b> ¹			-5449 Aug 16 j 05:21	$\Pi^{\circ}0$	
evening rise	-5451 Jan 09 j 13:15	20° <b>∡</b> ¹06'04		asc. node	-5449 Aug 26 j 20:59	12° <b>Ⅱ</b> 41'10	
	-5451 Jan 17 j 13:52	0°ಕ			-5449 Sep 10 j 03:28	0ංම	
	-5451 Feb 11 j 00:08	0° <b>≈</b>			-5449 Oct 04 j 09:58	$0$ $^{\circ}$ $\Omega$	
_	-5451 Mar 07 j 15:18	0° <b>\</b>			-5449 Oct 28 j 10:43	0° <b>m</b> )	
asc. node	-5451 Mar 10 j 22:33	3° <b>)</b> 59′50			-5449 Nov 21 j 11:41	0∘ <b>亚</b>	
	-5451 Apr 01 j 13:20	0°Υ •••		JJ.	-5449 Dec 15 j 15:28	0°M₁	
	-5451 Apr 26 j 20:57 -5451 May 22 j 19:17	0°¤ 8°0		desc. node morning set	-5449 Dec 16 j 21:45 -5448 Jan 04 j 09:59	1°M33'46 24°M26'21	
	-5451 Jun 18 j 21:48	0°©		morning set	-5448 Jan 08 j 22:11	24 11 <b>6</b> 20 21 0° <b>√</b>	
desc. node	-5451 Jun 30 j 23:44	12° <b>©</b> 35'09			-5448 Feb 02 j 06:51	0°ਤ	
evening max el	-5451 Jul 06 j 03:23		46°50'29		5440 1 <b>CO</b> 02 J 00.51	<b>° O</b>	
evening man er	-5451 Jul 19 j 07:57	0° <b>Ω</b>	10 20 2	superior conj	-5448 Feb 12 j 11:30	12° <b>පි</b> 32'00	-1°22'49
greatest brilliancy	-5451 Aug 16 j 09:39	18° <b>Ω</b> 10'18	-4.9m	minimum elong	-5448 Feb 12 j 12:00	12° <b>ට</b> 33'34	
retrograde	-5451 Aug 25 j 09:24	19° <b>Ω</b> 41'50		max. Earth dist.	-5448 Feb 13 j 12:23	13° <b>る</b> 48'29	1.73479 AU
evening set	-5451 Sep 11 j 10:38	14° <b>Ω</b> 08'32			-5448 Feb 26 j 16:39	0° <b>≈</b>	
inferior conj	-5451 Sep 15 j 00:31	12° <b>Ω</b> 00′15	-7°48'13	evening rise	-5448 Mar 20 j 07:18	27° <b>≈</b> 44'53	
minimum elong	-5451 Sep 15 j 10:07	11° <b>Ω</b> 45'42	7°46'24		-5448 Mar 22 j 03:22	0° <b>)</b> €	
min. Earth dist.	-5451 Sep 15 j 04:45	11° <b>Q</b> 53′50	0.26537 AU	asc. node	-5448 Apr 07 j 11:01	19° <b>¥</b> 59'37	
morning rise	-5451 Sep 19 j 09:30	9° <b>£</b> 24'34			-5448 Apr 15 j 15:12	0° <b>Υ</b>	
direct	-5451 Oct 05 j 07:10	4° <b>Ω</b> 24'55			-5448 May 10 j 04:33	0₀ <b>႙</b>	
greatest brilliancy	-5451 Oct 15 j 17:51	6° <b>Ω</b> 30'02	-4.9m		-5448 Jun 03 j 20:11	0° <b>Ⅱ</b>	
asc. node	-5451 Oct 21 j 17:06	9° <b>Ω</b> 17'33			-5448 Jun 28 j 16:01	0° <b>©</b>	
	-5451 Nov 17 j 00:16	0° Mp	46940100	JJ.	-5448 Jul 23 j 20:00	0°Ω 5°Ω27118	
morning max el	-5451 Nov 24 j 20:55 -5451 Dec 15 j 18:39	7° <b>™</b> 44'30 0° <b>⊆</b>	46*40'00	desc. node	-5448 Jul 28 j 11:15	5° <b>Ω</b> 27'18 0° <b>m</b>	
	-5450 Jan 11 j 06:33	0° <b>™</b>			-5448 Aug 18 j 16:32 -5448 Sep 15 j 04:42	0∘ <b>⊽</b>	
	-5450 Feb 06 j 00:32	0° <b>⊼</b> ¹		evening max el	-5448 Sep 17 j 05:12	0 <b>=</b> 2° <b>ჲ</b> 04'12	47°39'11
desc. node	-5450 Feb 10 j 20:06	5° <b>∡</b> 139'58		evening max er	-5448 Oct 19 j 23:43	0° <b>M</b>	1, 3, 11
	-5450 Mar 03 j 09:26	0°ප		greatest brilliancy	-5448 Oct 27 j 21:47	3°M55'24	-4.9m
	-5450 Mar 28 j 11:20	0° <b>≈</b>		retrograde	-5448 Nov 07 j 08:10	6°ML00'44	
	-5450 Apr 22 j 06:34	0° <b>∀</b>		asc. node	-5448 Nov 18 j 04:06	3°M32'57	
	-5450 May 16 j 19:18	$0^{\circ}$ Y		evening set	-5448 Nov 21 j 23:18	1°MJ37'41	
morning set	-5450 May 23 j 22:23	8° <b>Y</b> 46'38			-5448 Nov 24 j 17:45	30° <b>₹</b> Ω	
asc. node	-5450 Jun 03 j 10:23	21° <b>Y</b> 45'22		min. Earth dist.	-5448 Nov 27 j 03:11	28° <b>ჲ</b> 30′29	0.27227 AU
	-5450 Jun 10 j 01:53	0° <b>8</b>		inferior conj	-5448 Nov 28 j 02:48	27° <b>£</b> 53'11	2°26'32
max. Earth dist.	-5450 Jun 24 j 23:05	18° <b>8</b> 31'45	1.72095 AU	minimum elong	-5448 Nov 27 j 21:44	28° <b>≙</b> 01'10	2°24'55
	5450 X 20:0620	220 4 5 5100	0055126	morning rise	-5448 Dec 03 j 21:16	24° <b>£</b> 24'17	
superior conj	-5450 Jun 29 j 06:39	23° <b>8</b> 55'09 23° <b>8</b> 27'37	0°55'36 0°55'31	direct	-5448 Dec 18 j 15:58	20° <b>♀</b> 02'40 21° <b>♀</b> 33'33	-4.8m
minimum elong	-5450 Jun 28 j 21:50 -5450 Jul 04 j 03:20	23 <b>G</b> 2/3/	0 33 31	greatest brilliancy	-5448 Dec 27 j 14:19 -5447 Jan 12 j 10:05	21 <b>=</b> 33 33 0° <b>M</b>	-4.0111
	-5450 Jul 28 j 01:21	0ಂಣ ೧ H		morning max el	-5447 Feb 05 j 19:29	20°M48'23	46°04'41
evening rise	-5450 Aug 05 j 15:53	10°9548'55		morning max cr	-5447 Feb 15 j 02:09	0° <b>⊼</b> ¹	40 0441
<i>5</i>	-5450 Aug 20 j 22:20	$0^{\circ}\Omega$		desc. node	-5447 Mar 10 j 07:41	24° <b>∡</b> ³38′02	
	-5450 Sep 13 j 20:39	0° <b>m</b> )			-5447 Mar 15 j 04:33	0°ರ	
desc. node	-5450 Sep 23 j 09:39	11° <b>m</b> 55'07			-5447 Apr 10 j 15:55	0° <b>≈</b>	
	-5450 Oct 07 j 22:08	0∘ <b>⊽</b>			-5447 May 06 j 06:21	0° <b>∀</b>	
	-5450 Nov 01 j 04:25	$0^{\circ}$ M.			-5447 May 31 j 06:05	$0^{\circ}$ Y	
	-5450 Nov 25 j 18:17	0° <b>∡</b> ⊓			-5447 Jun 24 j 18:09	$0^{\circ}$ 8	
_	-5450 Dec 20 j 22:10	0°る		asc. node	-5447 Jun 30 j 23:03	7° <b>8</b> 40'39	
asc. node	-5449 Jan 14 j 00:33	27° <b>る</b> 29'56			-5447 Jul 18 j 21:03	0°II	
avanie 1	-5449 Jan 16 j 07:09	0°≈ 24°a a46'04	45010120	morning set	-5447 Aug 01 j 10:16	17° <b>Ⅱ</b> 00'31	
evening max el	-5449 Feb 09 j 04:40 -5449 Feb 14 j 18:24	24° <b>≈</b> 46'04 0° <b>)</b> €	45°12'32		-5447 Aug 11 j 17:44	0°Ω 0∞©	
greatest brilliancy	-5449 Feb 14 j 18:24 -5449 Mar 18 j 17:48	0° <del>X</del> 22° <b>∺</b> 06'19	-4.7m		-5447 Sep 04 j 11:41	0 86	
retrograde	-5449 Mar 29 j 10:04	24°\(\cdot\)00'19	7./111	superior conj	-5447 Sep 09 j 17:57	6° <b>Ω</b> 38'54	1°16'21
evening set	-5449 Apr 14 j 02:04	19° <b>\(\frac{1}{27}\)</b> 18		minimum elong	-5447 Sep 10 j 02:22	7° <b>Ω</b> 05'28	1°16'27
inferior conj	-5449 Apr 19 j 19:32	16° <b>∺</b> 01'23	3°36'54	max. Earth dist.	-5447 Sep 11 j 05:23		1.70811 AU
minimum elong	-5449 Apr 20 j 02:37	15° <b>)</b> € 50'22	3°34'59		-5447 Sep 28 j 06:03	0° <b>m</b> )	
min. Earth dist.	-5449 Apr 20 j 16:17	15° <b>∺</b> 29'08	0.29003 AU	desc. node	-5447 Oct 20 j 22:19	28° <b>m</b> 30'11	
morning rise	-5449 Apr 26 j 02:40	12° <b>¥</b> 15'19		evening rise	-5447 Oct 22 j 01:19	29° <b>m</b> 54'45	
desc. node	-5449 May 06 j 03:31	8° <b>¥</b> 15'17			-5447 Oct 22 j 02:59	0∘ <b>⊽</b>	
direct	-5449 May 11 j 16:16	7° <b>∺</b> 39'08			-5447 Nov 15 j 03:27	0° <b>M</b>	

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5447 Dec 09 i 08:03 0°×7 -5444 May 17 j 19:41 0°) -5446 Jan 02 j 18:16 0°궁 -5444 Jun 13 j 07:50  $0^{\circ}\Upsilon$ -5446 Jan 27 j 13:27 -5444 Jul 08 j 14:46 0°8 0°≈≈ 24°**8**13'26 -5446 Feb 10 j 12:21 16°≈35'05 -5444 Jul 28 j 11:12 asc. node asc. node 0°**)**€  $\Pi^{\circ}0$ -5446 Feb 21 j 23:33 -5444 Aug 02 j 03:28  $0^{\circ}\Upsilon$ -5446 Mar 20 j 11:32 -5444 Aug 26 j 04:41 0°9  $0^{\circ}$ 8 -5446 Apr 18 j 05:50 -5444 Sep 19 j 00:05 0° $\Omega$ evening max el -5446 Apr 21 j 09:07 3°**8**00'48 45°20'09 -5444 Oct 12 j 18:26 0° m -5446 May 28 j 01:25  $0^{\circ}\Pi$ morning set -5444 Oct 15 j 22:24 3° m 59'21 greatest brilliancy -5446 May 30 j 01:40  $0^{\circ} \Pi 44'56$ -4.8m -5444 Nov 05 j 14:57 0°Ω desc. node -5446 Jun 02 j 14:48 1°**Ⅱ**46′18 desc. node -5444 Nov 17 j 11:10 14°**₽**49'29 retrograde -5446 Jun 09 j 01:15 2°**Ⅲ**31'59 -5446 Jun 20 j 13:06 30°₽₩ superior conj -5444 Nov 27 j 05:51 27°**♀**02'04 -0°22'20 evening set -5446 Jun 24 j 12:47 28°**8**03'30 minimum elong -5444 Nov 27 j 00:00 26°**△**43'50 0°22'11 inferior conj -5446 Jun 30 j 03:33 24°847'51 -6°01'03 -5444 Nov 29 j 14:57 0°M minimum elong -5446 Jun 29 j 17:08 25°803'34 5°58'30 max. Earth dist. -5444 Dec 02 j 07:31 3°M21'05 1.71910 AU min. Earth dist. -5446 Jun 30 j 10:51 24°**8**36'48 0.27596 AU -5444 Dec 23 j 18:26 0°**⊼** morning rise -5446 Jul 04 j 20:55 22°**8**00'04 evening rise -5443 Jan 07 j 02:58 17°**∡**¹45'32 direct -5446 Jul 21 j 06:47 16°**8**53'51 -5443 Jan 17 j 01:08 0°정 greatest brilliancy -5446 Aug 01 j 09:00 19°**8**08'31 -4.9m -5443 Feb 10 j 11:29 0°≈ -5446 Aug 19 j 06:20  $0^{\circ}\Pi$ -5443 Mar 07 j 02:56 0°**)**€ morning max el -5446 Sep 09 i 18:29 19°**Ⅱ**38'56 46°47'11 asc. node -5443 Mar 10 j 00:34 3°\;\;30'37 -5446 Sep 19 i 15:20 0ಂತಾ -5443 Apr 01 i 01:32  $0^{\circ}\Upsilon$ asc. node -5446 Sep 23 j 08:19 4°9501'50 -5443 Apr 26 j 10:12 0°8 -5446 Oct 16 i 03:31  $0^{\circ}\Omega$ -5443 May 22 j 10:26  $\Pi^{\circ}0$ -5446 Nov 10 j 07:01 0°m -5443 Jun 18 j 17:01 0ಂತಾ -5446 Dec 05 j 00:02 0∘**⊽** -5443 Jun 30 j 01:55 11°9544'00 desc. node -5443 Jul 03 j 17:06 15°520'02 46°47'16 -5446 Dec 29 j 15:04 oom. evening max el -5445 Jan 13 j 10:12 18°M01'05 -5443 Jul 19 j 17:35 desc node  $0^{\circ}\Omega$ -5443 Aug 13 j 20:54 15°**Q**39'02 -4.9m -5445 Jan 23 j 06:28 0°×7 greatest brilliancy 0°정 -5445 Feb 16 j 21:51 -5443 Aug 22 j 21:49 17°**Ω**11'04 retrograde -5445 Mar 13 j 12:02 0°≈ -5443 Sep 09 j 01:45 11°**Ω**33'14 evening set -5445 Mar 16 j 02:25 3°≈10'39 -5443 Sep 12 j 12:26 9°**Ω**29'39 -7°59'54 morning set inferior conj 0°\ -5443 Sep 12 j 21:34 9°**Ω**15'50 7°58'17 -5445 Apr 07 j 00:08 minimum elong -5443 Sep 12 j 16:41 max. Earth dist. -5445 Apr 18 j 01:22 13°**)** 34'23 1.73595 AU min. Earth dist. 9°**Ω**23'14 0.26557 AU 7°**Ω**00'04 morning rise -5443 Sep 16 j 17:20 -5445 Apr 20 j 22:32 superior conj 17°**₭**06'59 -0°34'08 direct -5443 Oct 02 j 20:09 1°**Ω**54'18 -5445 Apr 21 j 04:37 17°**¥**25'42 0°33'57 greatest brilliancy -5443 Oct 13 j 06:17 3°**Ω**59'25 -4.9m minimum elong -5445 May 01 j 09:44  $0^{\circ}\Upsilon$ -5443 Oct 20 j 19:15 7°**Ω**40'45 asc. node -5445 May 05 j 23:48 5°Y39'13 -5443 Nov 17 j 02:37 0° m asc. node -5445 May 25 j 16:48  $0^{\circ}$ 8 morning max el -5443 Nov 22 j 11:17 5° m/20'26 46°41'03 -5445 May 26 j 11:42 0°858'26 -5443 Dec 15 j 12:14 0°**⊽** evening rise -5445 Jun 18 j 21:54  $\mathbb{I}^{\circ 0}$ -5442 Jan 10 j 21:08 0°M -5445 Jul 13 j 02:18 0ಂತಾ -5442 Feb 05 j 13:37 0°×7 5°**∡**¹08'04 -5445 Aug 06 j 07:57  $0^{\circ}\Omega$ desc. node -5442 Feb 09 j 22:09 desc. node -5445 Aug 25 i 23:18 24°Ω10'51 -5442 Mar 02 j 21:38 0°궁 -5445 Aug 30 i 17:17 0° m -5442 Mar 27 i 22:57 0°≈ -5445 Sep 24 i 09:34 0∘**⊽** -5442 Apr 21 i 17:50 0°) -5445 Oct 19 i 15:04 0°M -5442 May 16 j 06:23  $0^{\circ}\Upsilon$ -5445 Nov 15 j 02:32 0°×7 -5442 May 21 j 17:01 6°**Y**42'04 morning set -5445 Nov 27 j 21:55 13°×728'14 46°33'07 -5442 Jun 02 j 12:35 21°Y17'58 evening max el asc. node -5442 Jun 09 j 12:56 0°궁 0°8 -5445 Dec 15 j 13:54 -5442 Jun 22 j 13:43 0°る53'06 max. Earth dist. asc node -5445 Dec 16 j 15:25 16°**8**13'15 1.72158 AU greatest brilliancy -5444 Jan 06 j 05:02 13°**る**58'21 -4.8m 21°**8**43'45 0°53'07 -5444 Jan 17 j 03:59 16°**る**13'56 superior conj -5442 Jun 26 j 23:39 retrograde -5444 Feb 03 j 19:43 10°る10'13 -5442 Jun 26 j 15:00 21°**8**16'45 0°53'02 evening set minimum elong -5444 Feb 07 j 13:22 7°**る**48'27 8°11'47 -5442 Jul 03 j 14:26  $0^{\circ}II$ inferior conj 7°る50'28 -5442 Jul 27 j 12:36 0ಂತಾ minimum elong -5444 Feb 07 j 12:06 8°11'28 7°**る**59'00 0.29235 AU 8°9525'47 min. Earth dist. -5444 Feb 07 j 06:47 evening rise -5442 Aug 03 j 05:38 5°**る**30'18 morning rise -5444 Feb 11 j 04:40 -5442 Aug 20 j 09:46 0 $^{\circ}$  $\Omega$ -5444 Feb 23 j 13:47 30°₹**҂**7 -5442 Sep 13 j 08:17 0° m direct -5444 Feb 29 j 01:29 29°**х** 23′52 desc. node -5442 Sep 22 j 11:43 11° m 25'00 -5444 Mar 05 j 17:45 0°궁 -5442 Oct 07 j 10:01 0∘**⊽** greatest brilliancy -5444 Mar 09 j 11:07 0°**る**59'52 -4.7m -5442 Oct 31 j 16:37 0°M desc. node -5444 Apr 06 j 18:43 19°**る**02'29 -5442 Nov 25 j 07:00 0°**∡**7 29°る03'01 45°50'53 0°る morning max el -5444 Apr 17 j 20:10 -5442 Dec 20 j 11:57

-5444 Apr 18 j 20:04

-5441 Jan 13 j 02:37

asc. node

26°**る**51'34

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 93 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronom	nical year style is used: Th	ie year -5899 i	in astronomical co	unting style is the year	5900 BCE in historical c	ounting style.	
	-5441 Jan 15 j 23:31	0° <b>≈</b>			-5439 Jul 18 j 08:09	$\Pi$ °0	
evening max el	-5441 Feb 06 j 20:51	22° <b>≈</b> 36′08	45°13'54	morning set	-5439 Jul 30 j 00:20	14° <b>Ⅱ</b> 38'52	
	-5441 Feb 14 j 19:50	0° <b>∀</b>			-5439 Aug 11 j 04:49	0ංම	
greatest brilliancy	-5441 Mar 16 j 10:22	19° <b>¥</b> 59'01	-4.7m		-5439 Sep 03 j 22:48	$0^{\circ}\Omega$	
retrograde	-5441 Mar 27 j 02:04	22° <b>₭</b> 00'06					
evening set	-5441 Apr 11 j 20:43	17° <b>)</b> 16′26		superior conj	-5439 Sep 07 j 04:54	4°Ω06'45	
inferior conj	-5441 Apr 17 j 12:03	13° <b>)</b> ₹52'56		minimum elong	-5439 Sep 07 j 12:34	4° <b>Ω</b> 30'57	
minimum elong	-5441 Apr 17 j 19:31	13° <b>)</b> 41′16		max. Earth dist.	-5439 Sep 08 j 06:29		1.70819 AU
min. Earth dist.	-5441 Apr 18 j 08:42	13° <b>)</b> € 20'42	0.29045 AU		-5439 Sep 27 j 17:14	0° m)	
morning rise	-5441 Apr 23 j 17:51	10° <b>)</b> €08'04		evening rise	-5439 Oct 19 j 09:20	27° Mp 14'16	
desc. node	-5441 May 05 j 05:49	5° <b>¥</b> 50'16		desc. node	-5439 Oct 20 j 00:31	28° <b>™</b> 01'49 0° <b>₽</b>	
direct	-5441 May 09 j 09:14	5° <b>)</b> € 30'09	4.7		-5439 Oct 21 j 14:14		
greatest brilliancy	-5441 May 20 j 09:13	7° <b>)</b> (40′10 0° <b>Υ</b> ′	-4./m		-5439 Nov 14 j 14:46	0° <b>™</b> 0° <i>≯</i> 7	
marning may al	-5441 Jun 21 j 07:24 -5441 Jun 27 j 20:31	6° <b>Υ</b> 12'48	16012115		-5439 Dec 08 j 19:30	0° <b>⋜</b>	
morning max el	-5441 Jul 20 j 15:04	0° <b>8</b>	40 13 43		-5438 Jan 02 j 05:58 -5438 Jan 27 j 01:40	0°≈	
	-5441 Aug 15 j 19:29	0°II		asc. node	-5438 Feb 09 j 14:28	0 ≈ 16°≈04'02	
asc. node	-5441 Aug 25 j 23:05	12° <b>Ⅱ</b> 06'53		asc. node	-5438 Feb 21 j 12:50	0° <b>)</b> €	
asc. Houc	-5441 Sep 09 j 16:23	0°95			-5438 Mar 20 j 03:10	0°Υ	
	-5441 Oct 03 j 22:14	0° <b>U</b>			-5438 Apr 18 j 04:16	0°8	
	-5441 Oct 27 j 22:37	0°m)		evening max el	-5438 Apr 18 j 22:46	0° <b>8</b> 44'02	45°18'17
	-5441 Nov 20 j 23:19	0° <del>ت</del>		greatest brilliancy	-5438 May 27 j 13:41	28° <b>8</b> 25'17	
	-5441 Dec 15 j 02:51	0° <b>m</b> .		desc. node	-5438 Jun 01 j 16:54	29° <b>8</b> 46'52	7.7111
desc. node	-5441 Dec 15 j 23:51	1°M 05'02		desc. Hode	-5438 Jun 03 j 02:44	0°II	
morning set	-5440 Jan 01 j 22:38	22°M02'44		retrograde	-5438 Jun 06 j 14:38	0° <b>Ⅱ</b> 13'49	
morning sec	-5440 Jan 08 j 09:20	0° <b>⊼</b>		101105111110	-5438 Jun 10 j 01:19	30°R8	
	-5440 Feb 01 j 17:50	0° <b>ਰ</b>		evening set	-5438 Jun 21 j 23:26	25° <b>8</b> 48'23	
	21.0100 01,17.20	• •		inferior conj	-5438 Jun 27 j 17:13	22° <b>8</b> 28'53	-5°44'08
superior conj	-5440 Feb 10 j 03:58	10° <b>ට</b> 21'27	-1°22'52	minimum elong	-5438 Jun 27 j 06:57	22° <b>8</b> 44'23	
minimum elong	-5440 Feb 10 j 03:45	10° <b>る</b> 20'47		min. Earth dist.	-5438 Jun 28 j 01:02		0.27644 AU
max. Earth dist.	-5440 Feb 11 j 10:08		1.73443 AU	morning rise	-5438 Jul 02 j 13:51	19° <b>8</b> 36'42	
	-5440 Feb 26 j 03:34	0° <b>≈</b>		direct	-5438 Jul 18 j 21:02	14° <b>8</b> 33'37	
evening rise	-5440 Mar 18 j 01:52	25° <b>≈</b> 41'03		greatest brilliancy	-5438 Jul 30 j 00:37	16° <b>8</b> 49'41	-4.9m
greatest brilliancy	-5440 Mar 18 j 08:03	26° <b>≈</b> 00'01	-3.9m	,	-5438 Aug 19 j 19:02	$\Pi^{\circ}0$	
,	-5440 Mar 21 j 14:20	0° <b>∀</b>		morning max el	-5438 Sep 07 j 08:39	17° <b>Ⅱ</b> 15'44	46°46'37
asc. node	-5440 Apr 06 j 13:12	19° <b>)</b> 32′25		C	-5438 Sep 19 j 10:34	0°©	
	-5440 Apr 15 j 02:22	$0^{\circ}$ Y		asc. node	-5438 Sep 22 j 10:31	3°917'05	
	-5440 May 09 j 16:03	0°B			-5438 Oct 15 j 18:45	$0^{\circ}\Omega$	
	-5440 Jun 03 j 08:14	$\Pi^{\circ}0$			-5438 Nov 09 j 20:32	0° <b>m</b> )	
	-5440 Jun 28 j 04:53	0ಂಣ			-5438 Dec 04 j 12:35	0∘ <b>⊽</b>	
	-5440 Jul 23 j 10:11	$0^{\circ}\Omega$			-5438 Dec 29 j 02:58	$0^{\circ}$ M	
desc. node	-5440 Jul 27 j 13:18	4° <b>Ω</b> 50'51		desc. node	-5437 Jan 12 j 12:11	17° <b>M</b> 31'39	
	-5440 Aug 18 j 09:07	0° <b>m</b>			-5437 Jan 22 j 17:56	0° <b>∡</b> ¹	
evening max el	-5440 Sep 14 j 19:48	29° <b>m</b> 41'01	47°39'26		-5437 Feb 16 j 08:59	ರ°0	
	-5440 Sep 15 j 03:16	0∘ <b>⊽</b>			-5437 Mar 12 j 22:56	0° <b>≈</b> ≈	
	-5440 Oct 22 j 00:36	$0^{\circ}$ M		morning set	-5437 Mar 13 j 20:28	1° <b>≈</b> 05'49	
greatest brilliancy	-5440 Oct 25 j 14:15	1°M32'54	-4.9m		-5437 Apr 06 j 10:54	0° <b>)</b> €	
retrograde	-5440 Nov 04 j 22:13	3°M35'56		max. Earth dist.	-5437 Apr 16 j 00:33	11° <b>)</b> 45′07	1.73619 AU
asc. node	-5440 Nov 17 j 06:25	0°M26'31					
	-5440 Nov 18 j 03:21	30° <b>₹</b> Ω		superior conj	-5437 Apr 18 j 17:47	15° <b>∺</b> 05'37	
evening set	-5440 Nov 19 j 13:01	29° <b>≙</b> 14'38		minimum elong	-5437 Apr 19 j 00:16	15° <b>∺</b> 25'32	0°36'39
min. Earth dist.	-5440 Nov 24 j 18:20	26° <b>≏</b> 05'31	0.27157 AU		-5437 Apr 30 j 20:28	0° <b>Υ</b>	
inferior conj	-5440 Nov 25 j 16:54	25° <b>≏</b> 29'53	2°05'11	asc. node	-5437 May 05 j 02:01	5° <b>Y</b> 12'55	
minimum elong	-5440 Nov 25 j 12:31	25° <b>≏</b> 36'48	2°03'44	evening rise	-5437 May 24 j 07:08	28° <b>Y</b> ′56'34	
morning rise	-5440 Dec 01 j 13:01	21° <b>≏</b> 58'36			-5437 May 25 j 03:39	0°B	
direct	-5440 Dec 16 j 05:00	17° <b>≏</b> 40'37			-5437 Jun 18 j 08:59	0°II	
greatest brilliancy	-5440 Dec 25 j 05:08	19° <b>≏</b> 12'39	-4.8m		-5437 Jul 12 j 13:45	0°99	
_	-5439 Jan 13 j 05:02	0° <b>™</b>			-5437 Aug 05 j 19:50	0°Ω	
morning max el	-5439 Feb 03 j 08:46	18° <b>™</b> 28'39	46°05'53	desc. node	-5437 Aug 25 j 01:25	23° <b>Ω</b> 39'36	
	-5439 Feb 14 j 21:51	0° <b>⊼</b> ¹			-5437 Aug 30 j 05:44	0° m)	
desc. node	-5439 Mar 09 j 09:47	24° <b>∡</b> *01′02			-5437 Sep 23 j 22:50	0∘ <b>⊽</b>	
	-5439 Mar 14 j 19:32	0°ප			-5437 Oct 19 j 05:49	0° <b>M</b> ₊	
	-5439 Apr 10 j 04:56	0° <b>≈</b>			-5437 Nov 14 j 20:43	0° <b>∡</b> ¹	1.000.000
	-5439 May 05 j 18:23	0° <b>)</b> €		evening max el	-5437 Nov 25 j 13:46	11° 🗷 12'56	46°36'30
	-5439 May 30 j 17:36	0° <b>Υ</b>		asc. node	-5437 Dec 15 j 17:27	29° <b>∡</b> ¹49'08	
1	-5439 Jun 24 j 05:23	0°8		4 . 4 . 1991	-5437 Dec 15 j 22:51	0°る	4.0
asc. node	-5439 Jun 30 j 01:05	7° <b>8</b> 12'14		greatest brilliancy	-5436 Jan 03 j 21:16	11° <b>る</b> 47'19	-4.8M

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 94 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.								
retrograde	-5436 Jan 14 j 21:37	14° <b>ට</b> 04'27		max. Earth dist.	-5434 Jun 20 j 03:56	13° <b>8</b> 54'18	1.72219 AU	
evening set	-5436 Feb 01 j 11:33	8° <b>ට</b> 01'54						
inferior conj	-5436 Feb 05 j 06:14	5° <b>る</b> 38'37	8°10'38	superior conj	-5434 Jun 24 j 16:59	19° <b>8</b> 34'18	0°50'36	
minimum elong	-5436 Feb 05 j 04:18	5° <b>ರ</b> 41'44	8°10'15	minimum elong	-5434 Jun 24 j 08:33	19° <b>8</b> 08'00	0°50'30	
min. Earth dist.	-5436 Feb 04 j 22:00	5° <b>る</b> 51'49	0.29196 AU	_	-5434 Jul 03 j 01:16	$\Pi^{\circ}0$		
morning rise	-5436 Feb 08 j 21:15	3° <b>⋜</b> 21′09			-5434 Jul 26 j 23:33	0°ಅ		
Ü	-5436 Feb 15 j 00:29	30°R <b>✓</b>		evening rise	-5434 Jul 31 j 19:54	6° <b>©</b> 05'16		
direct	-5436 Feb 26 j 17:52	27° <b>∡</b> 14'38		C	-5434 Aug 19 j 20:53	$0^{\circ}\Omega$		
greatest brilliancy	-5436 Mar 07 j 01:47	28° <b>х</b> 49′46	-4.7m		-5434 Sep 12 j 19:38	0° <b>m</b> )		
,	-5436 Mar 10 j 05:29	ರ°0		desc. node	-5434 Sep 21 j 13:55	10° <b>m</b> 56'14		
desc. node	-5436 Apr 05 j 20:57	18° <b>ප</b> 07'16			-5434 Oct 06 j 21:39	0∘ <u>⊽</u>		
morning max el	-5436 Apr 15 j 13:16	26° <b>ප</b> 56'37	45°50'48		-5434 Oct 31 j 04:37	0°M		
	-5436 Apr 18 j 17:35	0° <b>≈</b>			-5434 Nov 24 j 19:34	0° <b>∡</b> 7		
	-5436 May 17 j 11:02	0° <b>)</b> €			-5434 Dec 20 j 01:41	0°చ		
	-5436 Jun 12 j 20:58	0°Υ		asc. node	-5433 Jan 12 j 04:47	26° <b>ට</b> 13'29		
	-5436 Jul 08 j 02:52	0°8		use. Houe	-5433 Jan 15 j 16:02	0°≈		
asc. node	-5436 Jul 27 j 13:21	23° <b>8</b> 43'59		evening max el	-5433 Feb 04 j 12:01	20°≈24'00	45°15'28	
use. Houe	-5436 Aug 01 j 15:04	0°II		evening max er	-5433 Feb 14 j 22:31	0° <b>∺</b>	15 15 20	
	-5436 Aug 25 j 16:03	0°9		greatest brilliancy	-5433 Mar 14 j 03:08	17° <b>¥</b> 52′20	-4.7m	
	-5436 Sep 18 j 11:20	0°Ω		retrograde	-5433 Mar 24 j 17:47	19° <b>X</b> 52'54	<del>-4</del> ./III	
	-5436 Oct 12 j 05:37	0° <b>m</b> )		evening set	-5433 Apr 09 j 15:21	15° <b>X</b> 05'49		
morning set	-5436 Oct 13 j 08:15	1° Mp 23'56		inferior conj	-5433 Apr 15 j 04:33	11° <b>)</b> (45'01	4°10'13	
morning set	-5436 Nov 05 j 02:03	0° <b>⊡</b>		minimum elong	-5433 Apr 15 j 12:22	11° <b>X</b> 43'01	4°08'12	
desc. node	-5436 Nov 16 j 13:15	0 <b>==</b> 14° <b>£</b> 21'24		min. Earth dist.	-5433 Apr 16 j 01:20	11° <del>X</del> 12'32	0.29085 AU	
desc. node	-3430 NOV 10 J 13.13	14 == 21 24		morning rise	-5433 Apr 21 j 08:52	8° <b>\(\)</b> 01'33	0.29083 AU	
aumorior comi	5426 Nov. 24 : 15:10	249 0 26156	0010122	•				
superior conj	-5436 Nov 24 j 15:10	24° <b>£</b> 26'56		desc. node	-5433 May 04 j 07:56	3° <b>∺</b> 30′16		
minimum elong	-5436 Nov 24 j 10:14	24° <b>£</b> 11'31	0°18'25	direct	-5433 May 07 j 01:40	3° <b>¥</b> 21′32	4.7	
F 41 11 4	-5436 Nov 29 j 02:00	0°M	1 71050 ATT	greatest brilliancy	-5433 May 18 j 01:12	5° <b>)</b> €30'35	-4.7m	
max. Earth dist.	-5436 Nov 29 j 18:46		1.71850 AU		-5433 Jun 21 j 07:57	0°Υ	4.601.010.5	
	-5436 Dec 23 j 05:25	0° <b>∡</b> 7		morning max el	-5433 Jun 25 j 11:15	3° <b>Y</b> 57'44	46°12'35	
evening rise	-5435 Jan 04 j 16:12	15° <b>₹</b> 24'22			-5433 Jul 20 j 07:29	0°B		
	-5435 Jan 16 j 12:07	5°0			-5433 Aug 15 j 09:17	0°II		
	-5435 Feb 09 j 22:34	0° <b>≈</b>		asc. node	-5433 Aug 25 j 01:18	11° <b>Ⅱ</b> 33'39		
	-5435 Mar 06 j 14:19	0° <b>∀</b>			-5433 Sep 09 j 05:00	0°©		
asc. node	-5435 Mar 09 j 02:47	3° <b>)</b> €02'46			-5433 Oct 03 j 10:13	$0^{\circ}\Omega$		
	-5435 Mar 31 j 13:31	0° <b>Υ</b>			-5433 Oct 27 j 10:15	0° mp		
	-5435 Apr 25 j 23:14	0° <b>Z</b>			-5433 Nov 20 j 10:42	0∘ <b>ত</b>		
	-5435 May 22 j 01:25	$\Pi$ °0			-5433 Dec 14 j 14:03	0°M		
	-5435 Jun 18 j 12:19	$0$ $\circ$ $\odot$		desc. node	-5433 Dec 15 j 01:50	0°M36'33		
desc. node	-5435 Jun 29 j 03:58	10° <b>©</b> 52'47		morning set	-5433 Dec 30 j 10:54	19°M38'15		
evening max el	-5435 Jul 01 j 07:03	12° <b>©</b> 58'37	46°43'57		-5432 Jan 07 j 20:21	0° <b>∡</b> ¹		
	-5435 Jul 20 j 05:45	$0^{\circ}\Omega$			-5432 Feb 01 j 04:43	0°₹		
greatest brilliancy	-5435 Aug 11 j 08:00	13° <b>Ω</b> 09'02	-4.9m					
retrograde	-5435 Aug 20 j 09:50	14° <b>Ω</b> 41'14		superior conj	-5432 Feb 07 j 20:01	8° <b>る</b> 09'51		
evening set	-5435 Sep 06 j 16:42	8° <b>Ω</b> 59'19		minimum elong	-5432 Feb 07 j 19:02	8° <b>る</b> 06'52		
inferior conj	-5435 Sep 10 j 00:20	7° <b>Ω</b> 00'05		max. Earth dist.	-5432 Feb 09 j 05:41		1.73405 AU	
minimum elong	-5435 Sep 10 j 08:54	6° <b>Ω</b> 47'07			-5432 Feb 25 j 14:23	0° <b>≈</b>		
min. Earth dist.	-5435 Sep 10 j 04:32	6° <b>Ω</b> 53'44	0.26581 AU	evening rise	-5432 Mar 15 j 19:59	23° <b>≈</b> 36′12		
morning rise	-5435 Sep 14 j 01:03	4° <b>Ω</b> 36′29		greatest brilliancy	-5432 Mar 16 j 07:35	24° <b>≈</b> 11'43	-3.9m	
	-5435 Sep 25 j 01:34	30° <b>₹</b> 5			-5432 Mar 21 j 01:12	0° <b>∀</b>		
direct	-5435 Sep 30 j 09:12	29° <b>5</b> 24'47		asc. node	-5432 Apr 05 j 15:21	19° <b>∺</b> 05'30		
	-5435 Oct 05 j 19:18	$0 ^{\circ} \Omega$			-5432 Apr 14 j 13:25	$0$ ° $\mathbf{\gamma}$		
greatest brilliancy	-5435 Oct 10 j 18:44	1° <b>Ω</b> 29′28	-4.9m		-5432 May 09 j 03:28	$9^{\circ}$ 8		
asc. node	-5435 Oct 19 j 21:33	6° <b>Ω</b> 08'19			-5432 Jun 02 j 20:15	$\Pi$ °0		
	-5435 Nov 17 j 03:26	0° <b>m</b> )			-5432 Jun 27 j 17:46	$0$ $\circ$		
morning max el	-5435 Nov 20 j 00:47	2° <b>™</b> 54'29	46°41'54		-5432 Jul 23 j 00:26	$0$ $^{\circ}\Omega$		
	-5435 Dec 15 j 05:18	0∘ <b>⊽</b>		desc. node	-5432 Jul 26 j 15:30	4° <b>Ω</b> 14'50		
	-5434 Jan 10 j 11:22	$0^{\circ}$ M			-5432 Aug 18 j 01:53	0° <b>m</b>		
	-5434 Feb 05 j 02:23	0° <b>∡</b>		evening max el	-5432 Sep 12 j 09:35	27° Mp 16'20	47°39'43	
desc. node	-5434 Feb 09 j 00:19	4° <b>₰</b> 37'18			-5432 Sep 15 j 02:32	0∘ <b>⊽</b>		
	-5434 Mar 02 j 09:30	5°0		greatest brilliancy	-5432 Oct 23 j 06:44	29° <b>≙</b> 11'05	-4.9m	
	-5434 Mar 27 j 10:16	0° <b>≈</b>			-5432 Oct 25 j 16:29	$0^{\circ}$ M.		
	-5434 Apr 21 j 04:49	0° <b>∀</b>		retrograde	-5432 Nov 02 j 12:14	1°ML12'11		
	-5434 May 15 j 17:13	$0$ ° $\mathbf{\gamma}$			-5432 Nov 10 j 01:59	30° <b>₹</b> Ω		
morning set	-5434 May 19 j 11:42	4° <b>Ƴ</b> 38'28		asc. node	-5432 Nov 16 j 08:25	27° <b>£</b> 17'14		
asc. node	-5434 Jun 01 j 14:37	20° <b>Y</b> 50′50		evening set	-5432 Nov 17 j 02:59	26° <b>£</b> 51'56		
	-5434 Jun 08 j 23:44	$0^{\circ}$ 8		min. Earth dist.	-5432 Nov 22 j 09:41	23° <b>≏</b> 41'17	0.27091 AU	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5432 Nov 23 i 07:06 23°**♀**07'29 1°43'34 -5429 May 24 j 14:39 inferior coni 0°8 -5432 Nov 23 j 03:27 -5429 Jun 17 j 20:15  $\Pi^{\circ}0$ minimum elong 23°**₽**13'16 1°42'20 -5429 Jul 12 j 01:21 0ಂತಾ -5432 Nov 29 j 04:47 19°**£**34'03 morning rise -5432 Dec 13 j 17:55 15°**♀**19'10 -5429 Aug 05 j 07:54  $0^{\circ}\Omega$ direct greatest brilliancy -5432 Dec 22 j 20:25 16°**♀**52'57 -4.8m desc. node -5429 Aug 24 j 03:35 23°**Ω**07'54 -5431 Jan 13 j 18:55 0°M -5429 Aug 29 j 18:24 0° m morning max el -5431 Jan 31 j 22:27 16°M09'59 46°06'57 -5429 Sep 23 j 12:24 0∘ಹ -5431 Feb 14 j 16:54 0°**∡**¹ -5429 Oct 18 j 20:58 0°M desc. node -5431 Mar 08 j 11:59 23°**х** 24'44 -5429 Nov 14 j 15:35 0°**∡**7 -5431 Mar 14 j 10:18 0°ಕ evening max el -5429 Nov 23 j 06:31 8°**∡**759'16 46°39'56 -5431 Apr 09 j 17:52 0°≈ asc. node -5429 Dec 14 j 19:41 28°**х¹**43'35 -5431 May 05 j 06:22 0°**)**€ -5429 Dec 16 j 11:08 0°ರ  $0^{\circ}\Upsilon$ -5431 May 30 j 05:03 greatest brilliancy -5428 Jan 01 j 13:55 9°**る**36'39 -4.8m -5431 Jun 23 j 16:34  $0^{\circ}$ 8 retrograde -5428 Jan 12 j 15:33 11°る54'49 asc. node -5431 Jun 29 j 03:10 6°844'07 evening set -5428 Jan 30 j 03:25 5°る54'04 -5431 Jul 17 j 19:14  $0^{\circ}II$ inferior conj -5428 Feb 02 j 23:17 3°**る**28'49 8°08'50 morning set -5431 Jul 27 j 14:29 12°**Ⅲ**17'38 minimum elong -5428 Feb 02 j 20:42 3°**る**32'57 8°08'24 -5431 Aug 10 j 15:55 0ಂತಾ min. Earth dist. -5428 Feb 02 j 13:13 3°₹44'58 0.29149 AU -5431 Sep 03 j 09:57  $0^{\circ}\Omega$ morning rise -5428 Feb 06 j 14:15 1°る11'33 -5428 Feb 08 j 14:20 30°R.✓ superior conj -5431 Sep 04 j 16:03 1°**Ω**35'08 1°19'10 direct -5428 Feb 24 j 10:45 25°**х** 05'47 -5431 Sep 04 i 22:56 1°**Ω**56'51 1°19'20 greatest brilliancy -5428 Mar 04 i 16:02 26°**₹**39'17 -4.7m minimum elong max. Earth dist. -5431 Sep 05 i 09:46 2°**Ω**31′04 1.70829 AU -5428 Mar 12 j 10:25 0°궁 -5431 Sep 27 j 04:26 0° m desc. node -5428 Apr 04 j 23:05 17°る12'46 evening rise -5431 Oct 16 j 17:37 24° m 34'37 -5428 Apr 13 i 06:16 24°**る**49'47 45°50'32 morning max el 27° m 33'09 -5428 Apr 18 j 14:28 desc. node -5431 Oct 19 j 02:35 0°≈≈ -5431 Oct 21 j 01:28 0∘**⊽** -5428 May 17 j 02:21 0°\ 0°M -5428 Jun 12 j 10:15  $0^{\circ}\Upsilon$ -5431 Nov 14 j 02:03 0°8 -5431 Dec 08 j 06:53 0°×7 -5428 Jul 07 j 15:12 -5428 Jul 26 j 15:35 0°정 -5430 Jan 01 j 17:38 23°**8**14'06 asc. node -5430 Jan 26 j 13:53 -5428 Aug 01 j 02:56  $\Pi$  $^{\circ}0$ 0°≈ -5430 Feb 08 j 16:39 15°≈33'03 -5428 Aug 25 j 03:39 000 asc. node -5430 Feb 21 j 02:13 0° <del>)(</del> -5428 Sep 17 j 22:48 0° $\Omega$  $0^{\circ}\Upsilon$ -5428 Oct 10 j 18:10 -5430 Mar 19 j 19:08 morning set 28°**Ω**47'58 28°**Y**29'18 45°16'34 evening max el -5430 Apr 16 j 13:18 -5428 Oct 11 j 17:01 0° m -5430 Apr 18 j 03:47  $0^{\circ}$ 8 -5428 Nov 04 j 13:25 0∘ଫ greatest brilliancy -5430 May 25 j 01:28 26°**8**05'36 -4.7m desc. node -5428 Nov 15 j 15:14 13°**£**52'06 -5430 May 31 j 18:58 27°**8**42'41 desc. node -5430 Jun 04 j 04:37 27°**8**55'48 superior conj -5428 Nov 22 j 00:22 21°**2**50'29 -0°14'41 retrograde -5430 Jun 19 j 10:27 23°**8**33'14 -5428 Nov 21 j 20:24 21°**△**38'07 0°14'35 evening set minimum elong -5430 Jun 25 j 06:58 20°810'00 -5°26'47 -5428 Nov 21 j 08:13 21°**♀**00'02 inferior conj behind sun begin -5430 Jun 24 j 20:54 20°**8**25'09 5°24'09 -5428 Nov 22 j 08:36 22°**£**16'11 minimum elong behind sun end -5430 Jun 25 j 14:58 19°**8**57'56 0.27693 AU -5428 Nov 27 j 07:32 28°**2**27'10 1.71790 AU min. Earth dist. max. Earth dist. -5430 Jun 30 j 06:47 -5428 Nov 28 j 13:19 morning rise 17°**8**13'33 -5428 Dec 22 j 16:41 direct -5430 Jul 16 j 11:53 12°**8**13'40 0°×7 greatest brilliancy -5430 Jul 27 j 15:40 14°830'20 -4.9m evening rise -5427 Jan 02 i 05:22 13°**х** 02′02 -5430 Aug 20 j 04:35  $0^{\circ}II$ -5427 Jan 15 i 23:21 0°정 morning max el -5430 Sep 04 i 23:30 14°**Ⅱ**54'19 46°45'55 -5427 Feb 09 i 09:54 0°≈ -5430 Sep 19 i 05:25 0ಂತಾ -5427 Mar 06 i 01:56 0°) -5430 Sep 21 j 12:42 2°932'34 -5427 Mar 08 j 04:58 2° # 34'10 asc node asc node -5430 Oct 15 j 09:55  $0^{\circ}\Omega$ -5427 Mar 31 j 01:45  $0^{\circ}\Upsilon$ 0°m 0°8 -5430 Nov 09 j 10:03 -5427 Apr 25 j 12:37  $0^{\circ}\Pi$ -5430 Dec 04 j 01:09 0∘ഹ -5427 May 21 j 16:54 -5430 Dec 28 j 14:54 0°M -5427 Jun 18 j 08:35 0°9 desc. node -5429 Jan 11 j 14:24 17°ML02'49 desc. node -5427 Jun 28 j 06:12 9°959'58 -5429 Jan 22 j 05:25 0°×7 -5427 Jun 28 j 20:36 10°535'12 46°40'28 evening max el -5429 Feb 15 j 20:09 0°ರ -5427 Jul 20 j 22:30 0° $\Omega$ 29°る00'59 morning set -5429 Mar 11 j 14:36 greatest brilliancy -5427 Aug 08 j 19:40 10°**Ω**38'50 -4.9m -5429 Mar 12 j 09:54 0°≈ retrograde -5427 Aug 17 j 21:27 12°**Ω**10'31 -5429 Apr 05 j 21:46 0°**₩** evening set -5427 Sep 04 j 07:34 6°**Ω**25′04 max. Earth dist. -5429 Apr 14 j 00:06 9°**¥**56'37 1.73644 AU inferior conj -5427 Sep 07 j 12:19 4°**Ω**29'54 -8°20'22 minimum elong -5427 Sep 07 j 20:14 4°**Ω**17'53 8°19'06 min. Earth dist. superior conj -5429 Apr 16 j 13:01 13°**)**€03'48 -0°39'29 -5427 Sep 07 j 16:43 4°**Ω**23'13 0.26605 AU minimum elong -5429 Apr 16 j 19:52 13°**¥**24'49 0°39'19 morning rise -5427 Sep 11 j 08:53 2°**Ω**12′04 -5429 Apr 30 j 07:21  $0^{\circ}\Upsilon$ -5427 Sep 15 j 12:29 30°Rூ -5429 May 04 j 04:01 4°Y45'29 asc. node -5427 Sep 27 j 21:46 26°954'36 26°Y54'04 evening rise -5429 May 22 j 02:30 greatest brilliancy -5427 Oct 08 j 07:34 28°959'05 -4.9m

•	omena of Venus fro		•	, ·			ge 96
Attention, astronom	ical year style is used: Th	-	n astronomical cou	unting style is the year			
,	-5427 Oct 10 j 17:43	0°Ω			-5424 May 08 j 15:08	0° <b>B</b>	
asc. node	-5427 Oct 18 j 23:38	4° <b>Ω</b> 37'56			-5424 Jun 02 j 08:28	0° <b>Ⅱ</b>	
	-5427 Nov 17 j 03:28	0° M)	46°42'42		-5424 Jun 27 j 06:54	$0$ ಂ ${\cal O}$	
morning max el	-5427 Nov 17 j 13:15	0° <b>™</b> 24'49 0° <b>௨</b>	40-42-42	11-	-5424 Jul 22 j 15:02	3° <b>Ω</b> 37'49	
	-5427 Dec 14 j 22:21 -5426 Jan 10 j 01:47	0° <b>™</b>		desc. node	-5424 Jul 25 j 17:39 -5424 Aug 17 j 19:15	3 <b>8 €</b> 3 / 49 0° <b>m</b> )	
	-5426 Feb 04 j 15:23	0° <b>⊼</b> ¹		evening max el	-5424 Aug 17 j 19:15 -5424 Sep 09 j 23:09	24° MD 50'07	47°39'40
desc. node	-5426 Feb 08 j 02:27	4° <b>∡</b> 105'34		evening max er	-5424 Sep 15 j 03:18	ე∘ <u>ი</u>	47 39 40
desc. node	-5426 Mar 01 j 21:37	0°る。		greatest brilliancy	-5424 Oct 20 j 22:34	0 <u>−</u> 26° <u>₽</u> 46'31	-4.9m
	-5426 Mar 26 j 21:49	0° <b>≈</b>		retrograde	-5424 Oct 31 j 02:09	28° <b>Ω</b> 46'19	4.7111
	-5426 Apr 20 j 16:03	0° <b>\</b>		evening set	-5424 Nov 14 j 16:48	24° <b>Ω</b> 26'33	
	-5426 May 15 j 04:17	0° <b>Υ</b>		asc. node	-5424 Nov 15 j 10:40	24° <b>⊆</b> 01'27	
morning set	-5426 May 17 j 06:44	2° <b>Υ</b> 35'16		min. Earth dist.	-5424 Nov 20 j 00:34	21° <b>⊆</b> 14'52	0.27031 AU
asc. node	-5426 May 31 j 16:47	20° <b>Y</b> '23'21		inferior conj	-5424 Nov 20 j 20:59	20° <b>₽</b> 42'47	1°21'20
use. noue	-5426 Jun 08 j 10:47	0°8		minimum elong	-5424 Nov 20 j 18:05	20° <b>Ω</b> 47'22	1°20'21
max. Earth dist.	-5426 Jun 17 j 19:59		1.72288 AU	morning rise	-5424 Nov 26 j 20:09	17° <b>Ω</b> 07'40	1 2021
man zam ust.	5 .20 tan 17 j 19.59	•	1.72200110	direct	-5424 Dec 11 j 06:40	12° <b>⊆</b> 55'17	
superior conj	-5426 Jun 22 j 10:38	17° <b>8</b> 25'03	0°48'01	greatest brilliancy	-5424 Dec 20 j 11:16	14° <b>£</b> 31'00	-4.8m
minimum elong	-5426 Jun 22 j 02:27	16° <b>8</b> 59'33	0°47'54	8	-5423 Jan 14 j 05:53	0°M	
	-5426 Jul 02 j 12:25	0°II		morning max el	-5423 Jan 29 j 12:37	13°M51'17	46°08'09
	-5426 Jul 26 j 10:50	0ಂತಾ			-5423 Feb 14 j 11:49	0° <b>∡</b> ¹	
evening rise	-5426 Jul 29 j 10:25	3°5944'36		desc. node	-5423 Mar 07 j 14:05	22° <b>∡</b> ¹47'35	
8	-5426 Aug 19 j 08:23	$0^{\circ}\Omega$			-5423 Mar 14 j 01:10	0°ਰ	
	-5426 Sep 12 j 07:22	0° m)			-5423 Apr 09 j 06:58	0° <b>≈</b>	
desc. node	-5426 Sep 20 j 15:57	10° m/25'48			-5423 May 04 j 18:31	0° <b>∀</b>	
	-5426 Oct 06 j 09:39	0∘ <u>⊽</u>			-5423 May 29 j 16:39	0° <b>Υ</b>	
	-5426 Oct 30 j 16:59	0° <b>M</b>			-5423 Jun 23 j 03:53	0°8	
	-5426 Nov 24 j 08:34	0° <b>∡</b> ¹		asc. node	-5423 Jun 28 j 05:26	6° <b>8</b> 16'12	
	-5426 Dec 19 j 15:54	ರ°0			-5423 Jul 17 j 06:25	0°II	
asc. node	-5425 Jan 11 j 07:03	25° <b>පි</b> 34'15		morning set	-5423 Jul 25 j 05:20	9° <b>Ⅱ</b> 58'25	
	-5425 Jan 15 j 09:16	0° <b>≈</b>		3	-5423 Aug 10 j 03:06	0ಂತಾ	
evening max el	-5425 Feb 02 j 02:37	18° <b>≈</b> 09'29	45°17'14		<i>C</i> 3		
C	-5425 Feb 15 j 03:19	0° <b>∀</b>		superior conj	-5423 Sep 02 j 03:41	29° <b>©</b> 04'37	1°20'19
greatest brilliancy	-5425 Mar 11 j 20:00	15° <b>¥</b> 45'15	-4.7m	minimum elong	-5423 Sep 02 j 09:42	29° <b>5</b> 23'39	1°20'31
retrograde	-5425 Mar 22 j 09:56	17° <b>¥</b> 45'51		max. Earth dist.	-5423 Sep 02 j 17:21	29° <b>5</b> 47'48	1.70847 AU
evening set	-5425 Apr 07 j 10:17	12° <b>¥</b> 55′00			-5423 Sep 02 j 21:12	$0^{\circ}\Omega$	
inferior conj	-5425 Apr 12 j 21:20	9° <b>)</b> 37′10	4°26'12		-5423 Sep 26 j 15:47	0° <b>m</b> y	
minimum elong	-5425 Apr 13 j 05:26	9° <b>)</b> 24'28	4°24'09	evening rise	-5423 Oct 14 j 01:50	21° Mp 54'06	
min. Earth dist.	-5425 Apr 13 j 18:14	9° <b>)</b> 04′26	0.29122 AU	desc. node	-5423 Oct 18 j 04:38	27° <b>m</b> 03'47	
morning rise	-5425 Apr 19 j 00:02	5° <b>¥</b> 55'30			-5423 Oct 20 j 12:54	0∘ <b>⊽</b>	
desc. node	-5425 May 03 j 09:58	1° <b>¥</b> 15′01			-5423 Nov 13 j 13:34	0°M	
direct	-5425 May 04 j 17:59	1° <b>¥</b> 12'58			-5423 Dec 07 j 18:34	0° <b>∡</b> ¹	
greatest brilliancy	-5425 May 15 j 17:41	3° <b>¥</b> 21'39	-4.7m		-5422 Jan 01 j 05:36	8°0	
	-5425 Jun 21 j 07:33	$0^{\circ}$ Y			-5422 Jan 26 j 02:25	0° <b>≈</b>	
morning max el	-5425 Jun 23 j 02:20	1° <b>Y</b> 43'16	46°11'23	asc. node	-5422 Feb 07 j 18:49	15° <b>≈</b> 01'07	
	-5425 Jul 19 j 23:49	0°B			-5422 Feb 20 j 15:57	0° <b>∀</b>	
	-5425 Aug 14 j 23:15	$\Pi$ °0			-5422 Mar 19 j 11:37	$0^{\circ}\Upsilon$	
asc. node	-5425 Aug 24 j 03:26	10° <b>Ⅱ</b> 59'25		evening max el	-5422 Apr 14 j 04:42	26° <b>Ƴ</b> 16'19	45°15'01
	-5425 Sep 08 j 17:53	$0$ $\circ$			-5422 Apr 18 j 04:38	$0^{\circ}S$	
	-5425 Oct 02 j 22:33	$0$ ° $\Omega$		greatest brilliancy	-5422 May 22 j 13:35	23° <b>8</b> 46'25	-4.7m
	-5425 Oct 26 j 22:14	0° <b>m</b>		desc. node	-5422 May 30 j 21:16	25° <b>8</b> 33'44	
	-5425 Nov 19 j 22:26	0∘ <b>⊽</b>		retrograde	-5422 Jun 01 j 18:51	25° <b>8</b> 37'50	
desc. node	-5425 Dec 14 j 04:04	0° <b>M</b> ₊07'48		evening set	-5422 Jun 16 j 21:53	21° <b>8</b> 18'18	
	-5425 Dec 14 j 01:32	$0^{\circ}$ M		inferior conj	-5422 Jun 22 j 20:50	17° <b>8</b> 51'25	
morning set	-5425 Dec 27 j 22:43	17° <b>M</b> 11'18		minimum elong	-5422 Jun 22 j 11:04	18° <b>8</b> 06'09	
	-5424 Jan 07 j 07:39	0° <b>∡</b> ″		min. Earth dist.	-5422 Jun 23 j 04:54		0.27734 AU
	-5424 Jan 31 j 15:53	0°ಕ		morning rise	-5422 Jun 27 j 23:43	14° <b>8</b> 50'46	
				direct	-5422 Jul 14 j 03:02	9° <b>8</b> 54'22	
superior conj	-5424 Feb 05 j 11:52	5°る56'45		greatest brilliancy	-5422 Jul 25 j 06:00	12° <b>8</b> 10'33	-4.8m
minimum elong	-5424 Feb 05 j 10:08	5°る51'25			-5422 Aug 20 j 11:27	0°II	1001
max. Earth dist.	-5424 Feb 06 j 23:24	7° <b>る</b> 46'01	1.73366 AU	morning max el	-5422 Sep 02 j 14:21	12° <b>Ⅲ</b> 33′22	46°45'11
	-5424 Feb 25 j 01:30	0° <b>≈</b>		_	-5422 Sep 18 j 23:43	0°©	
evening rise	-5424 Mar 13 j 14:09	21°≈30'33		asc. node	-5422 Sep 20 j 14:50	1° <b>5</b> 548'43	
greatest brilliancy	-5424 Mar 14 j 14:11	22° <b>≈</b> 44'13	-3.9m		-5422 Oct 15 j 00:51	0° <b>Q</b>	
_	-5424 Mar 20 j 12:21	0° <b>\</b>			-5422 Nov 08 j 23:28	0° <b>m</b> )	
asc. node	-5424 Apr 04 j 17:24	18° <b>)</b> € 37′28			-5422 Dec 03 j 13:43	0∘ <b>亚</b>	
	-5424 Apr 14 j 00:45	0° <b>Υ</b> ′			-5422 Dec 28 j 02:55	0°M₊	

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. evening max el desc. node -5421 Jan 10 j 16:32 16°MJ33'24 -5419 Jun 26 j 08:59 8°909'32 46°37'00 -5421 Jan 21 j 17:01 0°×7 -5419 Jun 27 j 08:21 9°906'21 desc. node 0°궁 -5419 Jul 21 j 20:29 -5421 Feb 15 j 07:26  $0^{\circ}\Omega$ 26°る54'24 -5421 Mar 09 j 08:15 -5419 Aug 06 j 07:53 8°**Ω**09'52 morning set greatest brilliancy -4.9m -5419 Aug 15 j 08:36 -5421 Mar 11 j 20:57 0°≈ retrograde 9°**Ω**40'35 -5421 Apr 05 j 08:42 0°**)** evening set -5419 Sep 01 j 22:10 3°**£**51′53 max. Earth dist. -5421 Apr 11 j 23:26 8°**₩**07'13 1.73664 AU inferior conj -5419 Sep 05 j 00:17 2°Ω00'35 -8°29'04 minimum elong -5419 Sep 05 j 07:30 1°**Ω**49'38 8°27'59 superior conj -5421 Apr 14 j 07:58 11°\(\pi\)00'55 -0°42'08 min. Earth dist. -5419 Sep 05 j 05:14 1°**£**53′04 0.26626 AU minimum elong -5421 Apr 14 j 15:07 11°\(\mathbf{2}2'54\) 0°41'57 -5419 Sep 08 j 08:48 30°Rூ  $0^{\circ}\Upsilon$ -5421 Apr 29 j 18:17 morning rise -5419 Sep 08 j 16:45 29°5548'27 -5421 May 03 j 06:13 4°Υ18'31 -5419 Sep 25 j 09:46 asc. node direct 24°925'02 24°**Y**51'12 evening rise -5421 May 19 j 21:47 greatest brilliancy -5419 Oct 05 j 20:55 26°930'09 -4.9m -5421 May 24 j 01:44 0°8 -5419 Oct 13 j 01:34  $0^{\circ}\Omega$ -5421 Jun 17 j 07:34  $0^{\circ}II$ asc. node -5419 Oct 18 j 01:50 3°Ω11'37 -5421 Jul 11 j 12:59 0ಂತಾ morning max el -5419 Nov 15 j 01:02 27°**Ω**54'17 46°43'44 -5421 Aug 04 j 19:56  $0^{\circ}\Omega$ -5419 Nov 17 j 02:06 desc. node -5421 Aug 23 j 05:40 22°**Ω**36'10 -5419 Dec 14 j 14:42 0°Ω -5421 Aug 29 j 07:00 0° m -5418 Jan 09 j 15:39 0°M -5421 Sep 23 j 01:54 0∘**ত** -5418 Feb 04 i 03:56 0°×7 -5421 Oct 18 j 12:09  $0^{\circ}M$ desc. node -5418 Feb 07 j 04:31 3°**х** 34′52 -5421 Nov 14 j 10:52 0°×7 -5418 Mar 01 i 09:24 0°궁 -5421 Nov 20 j 23:11 6°**х** 45′17 46°42'59 -5418 Mar 26 i 09:07 0°≈ evening max el -5421 Dec 13 i 21:57 27°**∡**³36′02 -5418 Apr 20 j 03:03 0°) asc. node -5421 Dec 17 j 03:50 0°궁 -5418 May 14 j 15:08  $0^{\circ}\Upsilon$ greatest brilliancy -5421 Dec 30 j 06:58 7°**る**25'41 -5418 May 15 j 01:27 0°Y31'44 -4 8m morning set -5420 Jan 10 j 08:59 9°**ප**43'53 -5418 May 30 j 19:00 19°**Y**56'45 retrograde asc. node -5420 Jan 27 j 18:46 3°₹45'41 -5418 Jun 07 j 21:36 0°8 evening set -5420 Jan 31 j 04:24 1°る36'42 0.29102 AU min. Earth dist. max Earth dist -5418 Jun 15 j 13:46 9°**8**32'32 1.72353 AU -5420 Jan 31 j 16:05 1°**る**17'57 8°06'09 inferior conj -5418 Jun 20 j 04:01 -5420 Jan 31 j 12:51 1°**る**23'07 8°05'41 15°**8**15'53 0°45'20 minimum elong superior conj -5418 Jun 19 j 20:07 -5420 Feb 02 j 16:55 30°₽**⋌** 14°**8**51'17 0°45'14 minimum elong -5420 Feb 04 j 07:16 29°**х** 00′17 -5418 Jul 01 j 23:17  $\Pi$  $^{\circ}0$ morning rise 22°**х** 56′00 0ಂತಾ -5420 Feb 22 j 03:24 -5418 Jul 25 j 21:52 direct -5420 Mar 02 j 06:11 -5418 Jul 27 j 00:59 greatest brilliancy 24°**₹**27'42 -4.7m evening rise 1°925'05 -5420 Mar 13 j 21:26 0°ਰ -5418 Aug 18 j 19:36 0 $\circ$  $\Omega$ desc. node -5420 Apr 04 j 01:11 16°**る**18'56 -5418 Sep 11 j 18:50 0° m -5420 Apr 10 j 22:13 22°る40'07 45°50'21 desc. node -5418 Sep 19 j 18:02 9° m 56'21 morning max el -5420 Apr 18 j 10:45 0°**≈** -5418 Oct 05 j 21:22 0∘**⊽** -5420 May 16 j 17:27 0°**)**€ -5418 Oct 30 j 05:02 0°M -5420 Jun 11 j 23:23  $0^{\circ}\Upsilon$ -5418 Nov 23 j 21:12 0°**⊼** -5420 Jul 07 j 03:24  $0^{\circ}$ 8 -5418 Dec 19 j 05:48 0°る -5420 Jul 25 j 17:38 22°844'02 -5417 Jan 10 j 09:08 24°る55'26 asc. node asc. node -5420 Jul 31 j 14:38  $0^{\circ}\Pi$ -5417 Jan 15 j 02:20 0°≈ 0ಂತಾ 15°≈55'27 45°19'00 -5420 Aug 24 j 15:06 evening max el -5417 Jan 30 j 16:55 -5420 Sep 17 i 10:05  $0^{\circ}\Omega$ -5417 Feb 15 i 09:38 0°) -5420 Oct 08 i 04:35 26°Ω14'11 greatest brilliancy -5417 Mar 09 i 12:10 13°**)** € 38'18 -4.7m morning set -5420 Oct 11 i 04:12 0° m -5417 Mar 20 i 02:25 15° **)** 39'43 retrograde -5420 Nov 04 j 00:32 0∘**⊽** -5417 Apr 05 i 05:11 10° **)** 44'41 evening set -5420 Nov 14 j 17:29 13°**£**24'29 -5417 Apr 10 j 14:02 7°**¥**29'58 4°41'46 desc. node inferior conj -5417 Apr 10 j 22:24 7°**¥**16'52 4°39'41 minimum elong -5420 Nov 19 j 09:55 19° **△**15'51 -0°10'50 -5417 Apr 11 j 10:58 6°¥57'12 0.29165 AU superior coni min. Earth dist. -5420 Nov 19 j 06:58 19°**2**06'37 0°10'47 3°\ 50'29 minimum elong morning rise -5417 Apr 16 j 15:04 behind sun begin -5420 Nov 18 j 10:25 18°**♀**02'26 -5417 Apr 25 j 14:08 30°R≈ behind sun end -5420 Nov 20 j 03:31 20°**₽**10'49 direct -5417 May 02 j 10:18 29°≈04'52 29°**≈**04'52 -5420 Nov 24 j 22:23 26°**♀**09'17 1.71732 AU -5417 May 02 j 12:17 max. Earth dist. desc. node 0°M -5417 May 09 j 12:22 0°**)**€ -5420 Nov 28 j 00:23 0° ×7 greatest brilliancy -5417 May 13 j 10:19 -5420 Dec 22 j 03:44 1° **★**13'39 -4.7m 10°**х** 39′58 -5417 Jun 20 j 18:18 29°**H**31'42 46°10'15 evening rise -5420 Dec 30 j 18:28 morning max el 0°궁  $0^{\circ}\Upsilon$ -5419 Jan 15 j 10:24 -5417 Jun 21 j 05:56 0°8 -5419 Feb 08 j 21:06 0°≈ -5417 Jul 19 j 15:37 -5419 Mar 05 j 13:28 0°**)**€ -5417 Aug 14 j 12:48  $0^{\circ}\Pi$ asc. node -5419 Mar 07 j 07:00 2°**₩**05'25 asc. node -5417 Aug 23 j 05:35 10°**Ⅲ**26'21  $0^{\circ}\Upsilon$ -5419 Mar 30 j 13:56 -5417 Sep 08 j 06:23 0ಂತಾ -5419 Apr 25 j 01:58 0°8 -5417 Oct 02 j 10:29 0° $\Omega$  $\Pi^{\circ}0$ -5417 Oct 26 j 09:51 0° m -5419 May 21 j 08:28

-5417 Nov 19 j 09:47

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-5419 Jun 18 j 05:18

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Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 98 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.								
desc. node	-5417 Dec 13 j 06:08	29° <b>₽</b> 39'46		evening set	-5414 Jun 14 j 09:42	19° <b>8</b> 04'36		
	-5417 Dec 13 j 12:40	$0^{\circ}$ M		inferior conj	-5414 Jun 20 j 10:52	15° <b>8</b> 34'15	-4°50'40	
morning set	-5417 Dec 25 j 10:40	14°M45'45		minimum elong	-5414 Jun 20 j 01:27	15° <b>8</b> 48'28	4°48'06	
	-5416 Jan 06 j 18:34	0° <b>∡</b> ¹		min. Earth dist.	-5414 Jun 20 j 19:11	15° <b>8</b> 21'41	0.27780 AU	
	-5416 Jan 31 j 02:39	0°ප		morning rise	-5414 Jun 25 j 16:41	12° <b>8</b> 29'14		
				direct	-5414 Jul 11 j 18:22	7° <b>8</b> 36'23		
superior conj	-5416 Feb 03 j 03:56	3° <b>る</b> 45'29		greatest brilliancy	-5414 Jul 22 j 20:25	9° <b>8</b> 51'36	-4.8m	
minimum elong	-5416 Feb 03 j 01:27	3° <b>ਰ</b> 37'51			-5414 Aug 20 j 16:06	$\Pi$ °0		
max. Earth dist.	-5416 Feb 04 j 17:14	5° <b>る</b> 40'15	1.73326 AU	morning max el	-5414 Aug 31 j 04:47	10° <b>Ⅱ</b> 11'44	46°44'16	
	-5416 Feb 24 j 12:12	0° <b>≈</b>			-5414 Sep 18 j 17:31	0		
evening rise	-5416 Mar 11 j 08:31	19° <b>≈</b> 26′50		asc. node	-5414 Sep 19 j 17:03	1° <b>©</b> 05'48		
greatest brilliancy	-5416 Mar 12 j 23:14	21° <b>≈</b> 25'31	-3.9m		-5414 Oct 14 j 15:31	$0^{\circ}\Omega$		
	-5416 Mar 19 j 23:08	0° <b>ℋ</b>			-5414 Nov 08 j 12:40	0° <b>m</b>		
asc. node	-5416 Apr 03 j 19:37	18° <b>¥</b> 10'58			-5414 Dec 03 j 02:05	0∘ <b>ত</b>		
	-5416 Apr 13 j 11:44	$0^{\circ}$ Y			-5414 Dec 27 j 14:43	$0^{\circ}$ M		
	-5416 May 08 j 02:31	$0^{\circ}S$		desc. node	-5413 Jan 09 j 18:31	16°M04'13		
	-5416 Jun 01 j 20:28	$\Pi$ °0			-5413 Jan 21 j 04:25	0° <b>∡</b>		
	-5416 Jun 26 j 19:51	$0$ $\circ$ $\odot$			-5413 Feb 14 j 18:31	0°ප		
	-5416 Jul 22 j 05:30	$0^{\circ}\Omega$		morning set	-5413 Mar 07 j 02:06	24° <b>る</b> 49'03		
desc. node	-5416 Jul 24 j 19:42	3° <b>Ω</b> 01′02			-5413 Mar 11 j 07:48	0° <b>≈</b>		
	-5416 Aug 17 j 12:38	0° <b>m</b> )			-5413 Apr 04 j 19:25	0° <b>∀</b>		
evening max el	-5416 Sep 07 j 13:17	22° Mp 26'24	47°39'40	max. Earth dist.	-5413 Apr 09 j 22:09	6° <b>∺</b> 16'41	1.73678 AU	
	-5416 Sep 15 j 04:55	0∘ <b>⊽</b>						
greatest brilliancy	-5416 Oct 18 j 13:49	24° <b>£</b> 22'06	-4.9m	superior conj	-5413 Apr 12 j 03:15	8° <b>¥</b> 59'46		
retrograde	-5416 Oct 28 j 16:32	26° <b>£</b> 21′20		minimum elong	-5413 Apr 12 j 10:42	9° <b>∺</b> 22'37	0°44'30	
evening set	-5416 Nov 12 j 06:45	22° <b>≏</b> 01'34			-5413 Apr 29 j 05:00	$0^{\circ}$ Y		
asc. node	-5416 Nov 14 j 12:58	20° <b>≏</b> 43'27		asc. node	-5413 May 02 j 08:25	3° <b>Y</b> ′52'12		
min. Earth dist.	-5416 Nov 17 j 15:06	18° <b>≏</b> 49'28	0.26971 AU	evening rise	-5413 May 17 j 17:25	22° <b>Y</b> ′50'07		
inferior conj	-5416 Nov 18 j 10:46	18° <b>≏</b> 18'40	0°58'50		-5413 May 23 j 12:36	0°8		
minimum elong	-5416 Nov 18 j 08:38	18° <b>≏</b> 22'00	0°58'06		-5413 Jun 16 j 18:42	$\Pi$ °0		
morning rise	-5416 Nov 24 j 11:19	14° <b>≏</b> 42'20			-5413 Jul 11 j 00:30	0ა <b>ௐ</b>		
direct	-5416 Dec 08 j 19:45	10° <b>≏</b> 32'02			-5413 Aug 04 j 07:56	$0^{\circ}\Omega$		
greatest brilliancy	-5416 Dec 18 j 01:35	12° <b>≏</b> 09'13	-4.8m	desc. node	-5413 Aug 22 j 07:47	22° <b>Ω</b> 04'30		
	-5415 Jan 14 j 13:31	0°M₊			-5413 Aug 28 j 19:39	0° <b>m</b> )		
morning max el	-5415 Jan 27 j 03:46	11°M35'59	46°09'30		-5413 Sep 22 j 15:33	0∘ <b>⊽</b>		
	-5415 Feb 14 j 05:49	0° <b>∡</b> ¹			-5413 Oct 18 j 03:35	0° <b>™</b>		
desc. node	-5415 Mar 06 j 16:12	22° <b>∡</b> 12'02			-5413 Nov 14 j 06:43	0°⊀		
	-5415 Mar 13 j 15:26	0°ಕ		evening max el	-5413 Nov 18 j 15:11	4° <b>∡</b> °29′23	46°46'09	
	-5415 Apr 08 j 19:33	0° <b>≈</b>		asc. node	-5413 Dec 12 j 23:59	26° <b>∡</b> ¹26'14		
	-5415 May 04 j 06:15	0° <b>∀</b>			-5413 Dec 18 j 02:26	0° <b>ろ</b>		
	-5415 May 29 j 03:55	0° <b>Ƴ</b>		greatest brilliancy	-5413 Dec 28 j 00:39	5° <b>ප</b> 15'22	-4.8m	
	-5415 Jun 22 j 14:55	0°8		retrograde	-5412 Jan 08 j 01:58	7° <b>る</b> 32'51		
asc. node	-5415 Jun 27 j 07:29	5° <b>8</b> 48'22		evening set	-5412 Jan 25 j 09:57	1°る37'45		
_	-5415 Jul 16 j 17:23	0°II			-5412 Jan 28 j 00:03	30°R. <b>✓</b>		
morning set	-5415 Jul 22 j 20:05	7° <b>Ⅱ</b> 39'38		inferior conj	-5412 Jan 29 j 08:53	29° <b>₹</b> 07'14		
	-5415 Aug 09 j 14:05	$0$ $\circ$		minimum elong	-5412 Jan 29 j 05:01	29° <b>√</b> 13′27	8°02'24	
				min. Earth dist.	-5412 Jan 28 j 19:54	29° <b>₹</b> 28'07	0.29047 AU	
superior conj	-5415 Aug 30 j 15:11	26°534'30	1°21'18	morning rise	-5412 Feb 02 j 00:25	26° <b>₹</b> 48'49		
minimum elong	-5415 Aug 30 j 20:18	26°950'40	1°21'32	direct	-5412 Feb 19 j 19:40	20° <b>√</b> 46′23		
max. Earth dist.	-5415 Aug 31 j 00:31	27° <b>©</b> 03'58	1.70862 AU	greatest brilliancy	-5412 Feb 28 j 20:41	22° <b>∡</b> 16'33	-4.7m	
	-5415 Sep 02 j 08:15	0° <b>Q</b>			-5412 Mar 14 j 22:13	0° <b>ට</b>		
	-5415 Sep 26 j 02:53	0° <b>m</b> )		desc. node	-5412 Apr 03 j 03:25	15° <b>පි</b> 26'43		
evening rise	-5415 Oct 11 j 09:53	19° <b>m</b> 13'45		morning max el	-5412 Apr 08 j 13:28	20° <b>る</b> 29'03	45°50'20	
desc. node	-5415 Oct 17 j 06:50	26° m/35'41			-5412 Apr 18 j 06:19	0° <b>≈</b>		
	-5415 Oct 20 j 00:05	0∘ <b>亚</b>			-5412 May 16 j 08:14	0° <b>∀</b>		
	-5415 Nov 13 j 00:51	0° <b>M</b> ₊			-5412 Jun 11 j 12:18	0°Υ		
	-5415 Dec 07 j 06:00	0° <b>∡</b> ¹			-5412 Jul 06 j 15:27	0°8		
	-5415 Dec 31 j 17:18	5°0		asc. node	-5412 Jul 24 j 19:48	22° <b>8</b> 14'37		
	-5414 Jan 25 j 14:41	0° <b>≈</b>			-5412 Jul 31 j 02:15	0°∏		
asc. node	-5414 Feb 06 j 20:57	14° <b>≈</b> 29'56			-5412 Aug 24 j 02:30	0°95		
	-5414 Feb 20 j 05:26	0° <b>)</b> €			-5412 Sep 16 j 21:25	0°N		
	-5414 Mar 19 j 03:57	0°Υ		morning set	-5412 Oct 05 j 14:38	23° <b>Ω</b> 38'48		
evening max el	-5414 Apr 11 j 20:32	24° <b>Y</b> 05'36	45°13'27		-5412 Oct 10 j 15:29	0° my		
	-5414 Apr 18 j 06:14	0°8	4.5		-5412 Nov 03 j 11:48	0∘ <b>ʊ</b>		
greatest brilliancy	-5414 May 20 j 02:17	21° <b>8</b> 29'20	-4.7m	desc. node	-5412 Nov 13 j 19:33	12° <b>≏</b> 55'50		
desc. node	-5414 May 29 j 23:20	23° <b>8</b> 21'01						
retrograde	-5414 May 30 j 08:45	23° <b>8</b> 21'11		superior conj	-5412 Nov 16 j 18:53	16° <b>≏</b> 38'51	-0°06'54	

•	ical year style is used: Th		•	· / /			ge 99
minimum elong	-5412 Nov 16 j 17:00	16° <b>£</b> 32'55		morning rise	-5409 Apr 14 j 05:58	1° <b>H</b> 44'46	
behind sun begin	-5412 Nov 15 j 16:11	15° <b>⊆</b> 15'22	0 00 32	morning risc	-5409 Apr 17 j 14:16	30°R≈	
behind sun end	-5412 Nov 17 j 17:48	17° <b>⊆</b> 50′28		direct	-5409 Apr 30 j 02:55	26°≈55'49	
max. Earth dist.	-5412 Nov 22 j 09:59	23° <b>♀</b> 40'41	1.71669 AU	desc. node	-5409 May 01 j 14:22	26°≈58'20	
max. Dartii dist.	-5412 Nov 27 j 11:36	0°ML	1.71007110	greatest brilliancy	-5409 May 11 j 02:28	29° <b>≈</b> 04'23	-4.7m
	-5412 Dec 21 j 14:53	0° <b>⊼</b> ″		greatest orimaney	-5409 May 13 j 09:34	0° <b>∀</b>	1.7111
evening rise	-5412 Dec 28 j 06:56	8° <b>∡</b> 15'31		morning max el	-5409 Jun 18 j 11:13	27° <b>¥</b> 21'52	46°09'11
<i>8</i> 11	-5411 Jan 14 j 21:34	0°ප			-5409 Jun 21 j 03:47	0° <b>Υ</b>	
	-5411 Feb 08 j 08:23	0° <b>≈</b>			-5409 Jul 19 j 07:26	0°8	
	-5411 Mar 05 j 01:06	0° <b>)</b> €			-5409 Aug 14 j 02:27	0°II	
asc. node	-5411 Mar 06 j 09:14	1° <b>¥</b> 36'58		asc. node	-5409 Aug 22 j 07:46	9° <b>Ⅱ</b> 52'53	
	-5411 Mar 30 j 02:14	$0^{\circ}\mathbf{\Upsilon}$			-5409 Sep 07 j 19:02	0° <b>©</b>	
	-5411 Apr 24 j 15:28	0°8			-5409 Oct 01 j 22:36	$0^{\circ}\Omega$	
	-5411 May 21 j 00:15	$\Pi^{\circ}0$			-5409 Oct 25 j 21:39	0° <b>m</b> )	
	-5411 Jun 18 j 02:38	0ංම			-5409 Nov 18 j 21:22	0∘ <b>ত</b>	
evening max el	-5411 Jun 23 j 20:49	5° <b>©</b> 42'56	46°33'37	desc. node	-5409 Dec 12 j 08:08	29° <b>≏</b> 10'36	
desc. node	-5411 Jun 26 j 10:26	8°511'46			-5409 Dec 13 j 00:04	$0^{\circ}$ M	
	-5411 Jul 23 j 02:10	$0^{\circ}\Omega$		morning set	-5409 Dec 22 j 22:15	12°M17'57	
greatest brilliancy	-5411 Aug 03 j 20:11	5° <b>Ω</b> 41'37	-4.9m		-5408 Jan 06 j 05:50	0° <b>∡</b> ¹	
retrograde	-5411 Aug 12 j 19:47	7° <b>Ω</b> 11'40			-5408 Jan 30 j 13:48	0°ප	
evening set	-5411 Aug 30 j 12:34	1° <b>Ω</b> 19'48					
	-5411 Sep 01 j 17:57	30° <b>ℝ</b> ∽		superior conj	-5408 Jan 31 j 19:22	1° <b>る</b> 31'00	-1°21'44
inferior conj	-5411 Sep 02 j 12:28	29° <b>©</b> 31'56		minimum elong	-5408 Jan 31 j 16:07	1° <b>る</b> 21'01	1°22'01
minimum elong	-5411 Sep 02 j 18:53	29° <b>©</b> 22'11	8°35'36	max. Earth dist.	-5408 Feb 02 j 10:18	3° <b>る</b> 30'47	1.73289 AU
min. Earth dist.	-5411 Sep 02 j 17:59	29° <b>5</b> 23'33	0.26658 AU		-5408 Feb 23 j 23:19	0° <b>≈</b>	
morning rise	-5411 Sep 06 j 01:06	27° <b>©</b> 25'20		evening rise	-5408 Mar 09 j 02:20	17° <b>≈</b> 20′17	
direct	-5411 Sep 22 j 21:50	21° <b>©</b> 55'42		greatest brilliancy	-5408 Mar 11 j 10:32	20° <b>≈</b> 12'32	-3.9m
greatest brilliancy	-5411 Oct 03 j 10:56	24°902'07	-4.9m		-5408 Mar 19 j 10:18	0° <b>∀</b>	
	-5411 Oct 14 j 13:54	$0$ $^{\circ}\Omega$		asc. node	-5408 Apr 02 j 21:46	17° <b>)</b> 43′07	
asc. node	-5411 Oct 17 j 04:06	1° <b>Ω</b> 48′03			-5408 Apr 12 j 23:06	0° <b>Υ</b>	
morning max el	-5411 Nov 12 j 13:24	25° <b>Ω</b> 24'20	46°44'32		-5408 May 07 j 14:16	0° <b>8</b>	
	-5411 Nov 17 j 00:09	0° <b>m</b> )			-5408 Jun 01 j 08:52	0°Щ	
	-5411 Dec 14 j 07:06	0∘ <b>⊽</b>			-5408 Jun 26 j 09:14	0°®	
	-5410 Jan 09 j 05:43	0° <b>M</b> ₊			-5408 Jul 21 j 20:29	0° <b>Ω</b>	
	-5410 Feb 03 j 16:43	0° <b>∡</b> ¹		desc. node	-5408 Jul 23 j 21:55	2° <b>Ω</b> 23'27	
desc. node	-5410 Feb 06 j 06:42	3° <b>∡</b> 103'43			-5408 Aug 17 j 06:42	0° M)	4500000
	-5410 Feb 28 j 21:22	0° <b>ප</b>		evening max el	-5408 Sep 05 j 04:28	20° m/04'43	47°39'36
	-5410 Mar 25 j 20:34	0° <b>≈</b>			-5408 Sep 15 j 08:13	0° <b>⊽</b>	4.0
	-5410 Apr 19 j 14:13	0° <b>∺</b>		greatest brilliancy	-5408 Oct 16 j 04:36	21° <b>2</b> 56'33	-4.9m
morning set	-5410 May 12 j 20:20	28° <b>¥</b> 28'15		retrograde	-5408 Oct 26 j 07:20	23° <b>♀</b> 55'26	
,	-5410 May 14 j 02:09	0° <b>Υ</b>		evening set	-5408 Nov 09 j 20:53	19° <b>£</b> 35'35	
asc. node	-5410 May 29 j 21:01	19° <b>Y</b> 29'01		asc. node	-5408 Nov 13 j 14:57	17° <b>£</b> 23'06	0.26014.411
Earth diet	-5410 Jun 07 j 08:36	0°8	1 72414 ATT	min. Earth dist.	-5408 Nov 15 j 05:21	16° <b>£</b> 23'30	0.26914 AU
max. Earth dist.	-5410 Jun 13 j 09:02	7° <b>8</b> 28'51	1.72414 AU	inferior conj	-5408 Nov 16 j 00:29	15° <b>£</b> 53'36	0°36'12
	5410 June 17: 21:40	120 407125	0942129	minimum elong	-5408 Nov 15 j 23:10 -5408 Nov 22 j 02:18	15° <b>£</b> 55'39	0°35'42
superior conj	-5410 Jun 17 j 21:48	13° <b>8</b> 07'25 12° <b>8</b> 43'51	0°42'31	morning rise direct	,	12° <b>Ω</b> 16'16 8° <b>Ω</b> 08'00	
minimum elong	-5410 Jun 17 j 14:14 -5410 Jul 01 j 10:20	0° <b>Ⅱ</b>	0 42 31	greatest brilliancy	-5408 Dec 06 j 09:17 -5408 Dec 15 j 15:24	8 <b>≥</b> 08 00 9° <b>₽</b> 45'57	-4.8m
evening rise	-5410 Jul 24 j 16:15	0 H 29°H07'22		greatest brilliancy	-5407 Jan 14 j 19:20	9 <b>22</b> 43 37 0°M	T.0111
evening rise	-5410 Jul 25 j 09:02	0°9		morning max el	-5407 Jan 24 j 19:10	9°M20'11	46°10'33
	-5410 Aug 18 j 06:59	0° <b>U</b> 0 €3		morning max ci	-5407 Feb 13 j 23:50	9 1162011 0° <b>x</b> 7	TO 10 <i>33</i>
	-5410 Sep 11 j 06:28	0° <b>m</b> )		desc. node	-5407 Mar 05 j 18:23	21° <b>х</b> 35'42	
desc. node	-5410 Sep 18 j 20:15	9° <b>m</b> ) 26'47		dese. Hode	-5407 Mar 13 j 06:00	0°る	
dese. Hode	-5410 Oct 05 j 09:19	0∘ <b>⊽</b>			-5407 Apr 08 j 08:32	0° <b>≈</b>	
	-5410 Oct 29 j 17:24	0° <b>™</b>			-5407 May 03 j 18:21	0° <b>\</b>	
	-5410 Nov 23 j 10:16	0° <b>∡</b> ¹			-5407 May 28 j 15:31	0° <b>Υ</b>	
	-5410 Dec 18 j 20:15	°ਤ ਹ°ਤ			-5407 Jun 22 j 02:15	0°8	
asc. node	-5409 Jan 09 j 11:21	24° <b>ට</b> 15'17		asc. node	-5407 Jun 26 j 09:35	5° <b>8</b> 19'49	
use. Hour	-5409 Jan 14 j 20:17	0°≈		use. noue	-5407 Jul 16 j 04:38	0°II	
evening max el	-5409 Jan 28 j 07:55	0 <b>~</b> 13° <b>≈</b> 41'54	45°21'03	morning set	-5407 Jul 20 j 10:51	5° <b>Ⅱ</b> 20'09	
	-5409 Feb 15 j 19:06	0° <b>\</b>	00		-5407 Aug 09 j 01:21	0°95	
greatest brilliancy	-5409 Mar 07 j 03:50	11° <b>∺</b> 29'46	-4.7m			. =	
retrograde	-5409 Mar 17 j 19:23	13° <b>)</b> € 32'34	<del>-</del>	superior conj	-5407 Aug 28 j 03:00	24°904'27	1°22'07
evening set	-5409 Apr 03 j 00:07	8° <b>₩</b> 33'17		minimum elong	-5407 Aug 28 j 07:13		1°22'23
inferior conj	-5409 Apr 08 j 06:43	5° <b>¥</b> 21'42	4°56'49	max. Earth dist.	-5407 Aug 28 j 05:08	24°9511'10	1.70879 AU
minimum elong	-5409 Apr 08 j 15:18	5° <b>₩</b> 08'16	4°54'46		-5407 Sep 01 j 19:35	0° <b>Ω</b>	
min. Earth dist.	-5409 Apr 09 j 03:19	4° <b>)</b> 49′29	0.29203 AU		-5407 Sep 25 j 14:17	0° <b>m</b> )	
						*	

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style. -5407 Oct 08 j 18:07 16° m 33'03 -5404 Apr 06 j 04:16 18°る16'28 45°50'18 evening rise morning max el 26° M 06'15 -5407 Oct 16 j 08:53 -5404 Apr 18 j 01:27 desc. node 0°≈ 0°**)**€ 0∘**⊽** -5404 May 15 j 23:01 -5407 Oct 19 j 11:31 -5404 Jun 11 j 01:22  $0^{\circ}\Upsilon$ -5407 Nov 12 j 12:22 oom. 0°**√** 0°8 -5407 Dec 06 j 17:40 -5404 Jul 06 j 03:40 -5407 Dec 31 j 05:17 0°궁 asc. node -5404 Jul 23 j 22:02 21°**8**44'56 -5406 Jan 25 j 03:19 0°≈ -5404 Jul 30 j 14:02  $0^{\circ}\Pi$ 0ಂತಾ asc. node -5406 Feb 05 j 23:08 13°≈57'48 -5404 Aug 23 j 14:02 -5406 Feb 19 j 19:25 0°**∀** -5404 Sep 16 j 08:48 0 $\circ$  $\Omega$  $0^{\circ}\Upsilon$ -5406 Mar 18 j 21:04 morning set -5404 Oct 03 j 00:40 21° **Q**03'04 evening max el -5406 Apr 09 j 12:01 21°**Y**52'49 45°11'56 -5404 Oct 10 j 02:50 0° M -5406 Apr 18 j 09:57 0°8 -5404 Nov 02 j 23:07 0°Ω greatest brilliancy -5406 May 17 j 15:41 19°**8**11'53 -4.7m desc. node -5404 Nov 12 j 21:33 12°**≏**26'47 retrograde -5406 May 27 j 22:04 21°803'29 desc. node -5406 May 29 j 01:25 21°802'00 superior conj -5404 Nov 14 j 03:50 14° 201'30 -0°02'57 evening set -5406 Jun 11 j 21:45 16°**8**49'40 minimum elong -5404 Nov 14 j 03:00 13°**♀**58'54 0°02'57 inferior conj -5406 Jun 18 j 00:54 13°**8**16'16 -4°32'05 behind sun begin -5404 Nov 13 j 00:13 12°**△**35'10 minimum elong -5406 Jun 17 j 15:54 13°**8**29'55 4°29'33 behind sun end -5404 Nov 15 j 05:46 15°**£**22'37 min. Earth dist. -5406 Jun 18 j 09:51 13°**8**02'43 0.27824 AU max. Earth dist. -5404 Nov 19 j 18:29 21°**2**02'13 1.71608 AU morning rise -5406 Jun 23 j 09:30 10°**8**06'56 -5404 Nov 26 j 22:52 0°M direct -5406 Jul 09 j 09:17 5°**8**17'38 -5404 Dec 21 j 02:07 0°×7 greatest brilliancy -5406 Jul 20 j 11:12 7°**8**32'15 evening rise -5404 Dec 25 i 19:16 5°**х** 50′25 -4.8m -5406 Aug 20 j 19:24 -5403 Jan 14 i 08:47 0°궁  $0^{\circ}\Pi$ morning max el -5406 Aug 28 j 18:08 7°**II**46'44 46°43'17 -5403 Feb 07 i 19:43 0°≈ -5406 Sep 18 j 11:13 0000 -5403 Mar 04 j 12:47 0°**∀** -5406 Sep 18 j 19:14 0°922'34 -5403 Mar 05 j 11:23 1°\(\cep\)08'10 asc node asc node -5406 Oct 14 j 06:15 -5403 Mar 29 j 14:37  $0^{\circ}\Upsilon$  $0^{\circ}\Omega$ 0°8 -5406 Nov 08 j 02:01  $0^{\circ}$  mb -5403 Apr 24 j 05:07 -5406 Dec 02 j 14:36 0∘ഹ -5403 May 20 j 16:24  $0^{\circ}\Pi$ -5403 Jun 18 j 00:58 -5406 Dec 27 j 02:41 0°M 000 -5405 Jan 08 j 20:45 3°**©**15'39 46°30'10 15°M35'09 -5403 Jun 21 j 08:30 desc. node evening max el 7°915'50 -5405 Jan 20 j 15:59 0°×7 -5403 Jun 25 j 12:40 desc. node 0°궁 -5405 Feb 14 j 05:47 -5403 Jul 24 j 21:22  $0^{\circ}\Omega$ -5405 Mar 04 j 19:48 22°る42'33 -5403 Aug 01 j 07:55 morning set greatest brilliancy 3°**£**12′02 -4.9m -5405 Mar 10 j 18:53 0°≈ retrograde -5403 Aug 10 j 07:14 4°**Ω**42′06 -5405 Apr 04 j 06:24 0°\ -5403 Aug 25 j 23:24 30°R,55 max. Earth dist. -5405 Apr 07 j 19:00 4°**₭**19'35 1.73695 AU evening set -5403 Aug 28 j 02:26 28°9547'14 inferior conj -5403 Aug 31 j 00:25 27°502'28 -8°42'59 superior conj -5405 Apr 09 j 22:21 6°\ 57'15 -0°47'10 minimum elong -5403 Aug 31 j 06:01 26°954'00 8°42'14 -5405 Apr 10 j 06:03 7°**¥**20'51 0°47'01 min. Earth dist. -5403 Aug 31 j 06:21 26°953'29 0.26689 AU minimum elong -5405 Apr 28 j 16:02  $0^{\circ}\Upsilon$ -5403 Sep 03 j 09:29 25°901'17 morning rise -5405 May 01 j 10:25 3°Y24'24 -5403 Sep 20 j 09:48 19°**©**25'31 asc. node direct -5405 May 15 j 12:44 20°**℃**47'15 -5403 Oct 01 j 00:37 21°**©**33'26 evening rise greatest brilliancy -4.9m -5405 May 22 j 23:46 0°8 -5403 Oct 15 j 15:51 0° $\Omega$ -5405 Jun 16 j 06:07  $\Pi^{\circ}0$ asc. node -5403 Oct 16 j 06:10 0°**Ω**26'34 -5405 Jul 10 j 12:16 0ಂತಾ morning max el -5403 Nov 10 i 02:30 22°**Ω**56'15 46°45'25 -5405 Aug 03 j 20:11  $0^{\circ}\Omega$ -5403 Nov 16 j 21:23 0° m desc. node -5405 Aug 21 i 09:57 21°Ω32'13 -5403 Dec 13 j 23:09 0∘**⊽** -5405 Aug 28 j 08:35 0° m -5402 Jan 08 i 19:35 0°M -5405 Sep 22 j 05:31 -5402 Feb 03 j 05:21 0°×7 0∘ഹ -5405 Oct 17 j 19:26 0°M -5402 Feb 05 j 08:48 2°×32'44 desc node -5405 Nov 14 j 03:24 0°×7 -5402 Feb 28 j 09:13 0°궁 2°**х** 10'46 46°49'19 evening max el -5405 Nov 16 j 06:25 -5402 Mar 25 j 07:55 0°≈≈ 25°**х** 14′26 -5405 Dec 12 j 02:15 -5402 Apr 19 j 01:15 0°**)**€ asc. node -5405 Dec 19 j 10:18 0°정 -5402 May 10 j 15:22 26°\(\frac{1}{25}\)'39 morning set greatest brilliancy -5405 Dec 25 j 18:42 3°る04'51 -4.8m -5402 May 13 j 13:04  $0^{\circ}$ 19°**Y**′02'07 -5404 Jan 05 j 18:40 5°**ප**21'26 -5402 May 28 j 23:11 retrograde asc. node -5404 Jan 22 j 04:55 30°R **✓** -5402 Jun 06 j 19:30 0°8 -5402 Jun 11 j 05:07 evening set -5404 Jan 23 j 00:57 29°×729'41 max. Earth dist. 5°**8**28'06 1.72479 AU min. Earth dist. -5404 Jan 26 j 11:47 27°**∡** 18'42 0.28991 AU inferior conj -5404 Jan 27 j 01:43 26°**₹**56'15 7°59'02 superior conj -5402 Jun 15 j 15:35 10°**8**59'17 0°39'53 minimum elong -5404 Jan 26 j 21:14 27°**х** °03′28 7°58'23 minimum elong -5402 Jun 15 j 08:23 10°**8**36'54 0°39'45 morning rise -5404 Jan 30 j 17:51 24°**х** 36′42 -5402 Jun 30 j 21:20  $0^{\circ}\Pi$ -5404 Feb 17 j 11:26 18°**х** 36′25 evening rise -5402 Jul 22 j 07:29 26°**Ⅱ**49'40 greatest brilliancy -5404 Feb 26 j 11:46 20°**х** 05′42 -4.7m -5402 Jul 24 j 20:12 0ಂಣ 0°る  $0^{\circ}\Omega$ -5404 Mar 15 j 16:35 -5402 Aug 17 j 18:22 14°る34'53 desc. node -5404 Apr 02 j 05:31 -5402 Sep 10 j 18:05 0° M

Planetary Phenomena of Venus from -5900 through -5398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 101 Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.

Attention, astronomical year style is used: The year -5899 in astronomical counting style is the year 5900 BCE in historical counting style.								
desc. node	-5402 Sep 17 j 22:15	8° m 56'35		morning max el	-5399 Jan 22 j 09:52	7°ML03'06	46°11'44	
	-5402 Oct 04 j 21:13	0∘ <b>亚</b>			-5399 Feb 13 j 17:11	0° <b>∡</b> ¹		
	-5402 Oct 29 j 05:41	$0^{\circ}$ M.		desc. node	-5399 Mar 04 j 20:29	21° <b>₰</b> 00'20		
	-5402 Nov 22 j 23:15	0° <b>∡</b> ¹			-5399 Mar 12 j 20:04	0°ರ		
	-5402 Dec 18 j 10:41	ರ°ರ			-5399 Apr 07 j 21:04	0° <b>≈</b>		
asc. node	-5401 Jan 08 j 13:33	23° <b>る</b> 35'14			-5399 May 03 j 06:03	0° <b>∀</b>		
	-5401 Jan 14 j 14:26	0° <b>≈</b>			-5399 May 28 j 02:45	$0^{\circ}$ $\Upsilon$		
evening max el	-5401 Jan 25 j 23:53	11° <b>≈</b> 31'14	45°23'12		-5399 Jun 21 j 13:15	$9^{\circ}$ 8		
	-5401 Feb 16 j 07:31	0° <b>∀</b>		asc. node	-5399 Jun 25 j 11:50	4° <b>8</b> 52'46		
greatest brilliancy	-5401 Mar 04 j 19:27	9° <b>∺</b> 22'00	-4.7m		-5399 Jul 15 j 15:33	$\Pi$ $^{\circ}0$		
retrograde	-5401 Mar 15 j 12:40	11° <b>∺</b> 26′12		morning set	-5399 Jul 18 j 02:11	3° <b>Ⅱ</b> 03'38		
evening set	-5401 Mar 31 j 19:14	6° <b>¥</b> 22'51			-5399 Aug 08 j 12:17	0		
inferior conj	-5401 Apr 05 j 23:30	3° <b>¥</b> 14'17						
minimum elong	-5401 Apr 06 j 08:14	3° <b>∺</b> 00'37		superior conj	-5399 Aug 25 j 15:23	21° <b>©</b> 37'22		
min. Earth dist.	-5401 Apr 06 j 19:22	2° <b>¥</b> 43'12	0.29238 AU	minimum elong	-5399 Aug 25 j 18:41		1°23'02	
	-5401 Apr 11 j 06:54	30° <b>R</b> ≈		max. Earth dist.	-5399 Aug 25 j 08:03		1.70903 AU	
morning rise	-5401 Apr 11 j 20:50	29° <b>≈</b> 40′07			-5399 Sep 01 j 06:35	$0$ $^{\circ}$ $\Omega$		
direct	-5401 Apr 27 j 20:02	24° <b>≈</b> 47'54			-5399 Sep 25 j 01:23	0° <b>m</b> ∕		
desc. node	-5401 Apr 30 j 16:26	24° <b>≈</b> 57′10		evening rise	-5399 Oct 06 j 02:23	13° <b>m</b> 53'13		
greatest brilliancy	-5401 May 08 j 17:58	26° <b>≈</b> 55'25	-4.7m	desc. node	-5399 Oct 15 j 10:56	25° m/37'37		
	-5401 May 15 j 10:39	0° <b>∀</b>			-5399 Oct 18 j 22:43	0∘ <b>ಹ</b>		
morning max el	-5401 Jun 16 j 04:32	25° <b>∺</b> 14'05	46°08'00		-5399 Nov 11 j 23:42	0° <b>M</b>		
	-5401 Jun 21 j 00:32	$0^{\circ}$ Y			-5399 Dec 06 j 05:09	0° <b>∡</b> ¹		
	-5401 Jul 18 j 22:47	$0^{\circ}$ 8			-5399 Dec 30 j 17:03	0°ප		
	-5401 Aug 13 j 15:50	$\Pi$ $\circ 0$						
asc. node	-5401 Aug 21 j 09:53	9° <b>Ⅱ</b> 19'53						
	-5401 Sep 07 j 07:30	0ංම						
	-5401 Oct 01 j 10:35	$0^{\circ}\Omega$						
	-5401 Oct 25 j 09:19	0° <b>m</b> )						
	-5401 Nov 18 j 08:47	0∘ <b>⊽</b>						
desc. node	-5401 Dec 11 j 10:22	28° <b>≏</b> 42'46						
	-5401 Dec 12 j 11:16	$0^{\circ}$ M.						
morning set	-5401 Dec 20 j 09:36	9° <b>ጤ</b> 49'57						
	-5400 Jan 05 j 16:51	0° <b>∡</b> ¹						
superior conj	-5400 Jan 29 j 10:36	29° <b>∡</b> 16'34						
minimum elong	-5400 Jan 29 j 06:35	29° <b>х</b> 04′13	1°21'23					
	-5400 Jan 30 j 00:42	0°ಕ						
max. Earth dist.	-5400 Jan 31 j 05:13	1° <b>る</b> 27'46	1.73249 AU					
	-5400 Feb 23 j 10:10	0° <b>≈</b>						
evening rise	-5400 Mar 06 j 20:13	15° <b>≈</b> 14'39						
greatest brilliancy	-5400 Mar 10 j 03:49	19° <b>≈</b> 18'39	-3.9m					
	-5400 Mar 18 j 21:12	0° <b>∀</b>						
asc. node	-5400 Apr 01 j 23:47	17° <b>¥</b> 15'42						
	-5400 Apr 12 j 10:12	$0^{\circ}$ Y						
	-5400 May 07 j 01:45	0°B						
	-5400 May 31 j 21:00	$\Pi^{\circ}0$						
	-5400 Jun 25 j 22:23	0ංම						
	-5400 Jul 21 j 11:20	$0^{\circ}\Omega$						
desc. node	-5400 Jul 23 j 00:03	1° <b>Ω</b> 46′11						
	-5400 Aug 17 j 00:57	0° <b>m</b>						
evening max el	-5400 Sep 02 j 20:16	17° <b>m</b> 45'04	47°39'04					
	-5400 Sep 15 j 13:08	0∘ <b>亚</b>						
greatest brilliancy	-5400 Oct 13 j 19:16	19° <b>ഫ</b> 30'30	-4.9m					
retrograde	-5400 Oct 23 j 21:44	21° <b>≏</b> 28'30						
evening set	-5400 Nov 07 j 10:57	17° <b>≏</b> 08'44						
asc. node	-5400 Nov 12 j 17:13	14° <b>ഫ</b> 00'00						
min. Earth dist.	-5400 Nov 12 j 19:24	13° <b>≏</b> 56'36	0.26857 AU					
inferior conj	-5400 Nov 13 j 13:52	13° <b>≏</b> 27'46	0°13'01					
minimum elong	-5400 Nov 13 j 13:23	13° <b>≏</b> 28'31	0°12'49					
transit middle	-5400 Nov 13 j 13:23	13° <b>≏</b> 28'31	0°12'49					
transit begin	-5400 Nov 13 j 10:47	13° <b>£</b> 32'35						
transit end	-5400 Nov 13 j 15:59	13° <b>Ω</b> 24'27						
morning rise	-5400 Nov 19 j 16:44	9° <b>£</b> 49'33						
direct	-5400 Dec 03 j 22:43	5° <b>-</b> 43'27						
greatest brilliancy	-5400 Dec 13 j 04:50	7° <b>£</b> 21'48	-4.8m					
<u> </u>	-5399 Jan 14 j 23:05	0° <b>M</b> ₊						