conjunction	2100 Oct 11 06:57	18° <b>ഫ</b> 03'39	0°36'43		2105 Jun 27 12:25	$\Pi$ $^{\circ}0$	
minimum elong	2100 Oct 11 08:01	18° <b>≏</b> 05′24	0°36'43	asc. node	2105 Jul 23 07:37	18° <b>Ⅲ</b> 06′57	
	2100 Oct 29 06:06	0°M₊			2105 Aug 09 20:43	$0$ $\circ$ $\odot$	
morning rise	2100 Nov 26 03:33	18°M55'57			2105 Sep 26 05:06	$0^{\circ}\Omega$	
Ç	2100 Dec 12 02:54	0° <b>∡</b> 7			2105 Nov 22 03:49	0° <b>m</b> )	
desc. node	2100 Dec 17 21:08	4° <b>₹</b> '01'50		retrograde	2106 Jan 13 13:15	13° Mp 14'36	
desc. Hode		0°る		•			1025125
	2101 Jan 23 06:31			opposition	2106 Feb 22 15:34	3° Mp 36'25	4°25'35
	2101 Mar 04 23:58	0° <b>≈</b>		greatest brilliancy	2106 Feb 22 16:54	3° m/ 35'05	-1.3m
	2101 Apr 13 19:46	0° <b>∀</b>		min. Earth dist.	2106 Feb 23 04:28	3° m/23'35	0.67788 AU
	2101 May 23 13:31	$0$ ° $\mathbf{\Upsilon}$			2106 Mar 03 22:26	$30^\circ$ R $\Omega$	
	2101 Jul 03 14:16	$9^{\circ}$ 8		direct	2106 Apr 04 14:40	23° <b>Ω</b> 44'39	
	2101 Aug 17 21:03	$\Pi^{\circ}0$			2106 May 09 12:13	0° <b>m</b> ∕	
asc. node	2101 Oct 18 10:26	27° <b>Ⅲ</b> 20'31			2106 Jul 13 04:00	0∘ <b>ত</b>	
retrograde	2101 Nov 02 22:10	28° <b>Ⅱ</b> 57'33		desc. node	2106 Aug 09 17:25	16° <b>≙</b> 13'40	
min. Earth dist.	2101 Dec 04 15:45	22° <b>Ⅱ</b> 05'58	0.54941 AU		2106 Aug 31 12:43	0°M	
opposition	2101 Dec 11 15:43	19° <b>Ⅱ</b> 24'13	2°29'40		2106 Oct 14 15:51	0° <b>⊼</b>	
greatest brilliancy	2101 Dec 10 23:17	19° <b>Ⅱ</b> 40'04			2106 Nov 24 14:29	0°る	
direct	2101 Bec 10 23:17 2102 Jan 16 11:15	13° <b>Ⅱ</b> 22'04	1.7111		2100 Nov 24 14:29 2107 Jan 02 13:39	0° <b>≈</b>	
unect		0°95				0 ∞ 11°≈56'49	
	2102 Mar 22 07:25			evening set	2107 Jan 17 18:37		
	2102 May 18 15:17	$0^{\circ}\Omega$			2107 Feb 09 14:48	0° <b>)</b> €	
	2102 Jul 08 19:48	0°Щ			2107 Mar 19 17:29	$0^{\circ}$ Y	
	2102 Aug 26 02:07	0∘ <b>⊽</b>					
evening set	2102 Oct 04 01:26	25° <b>≏</b> 26'56		conjunction	2107 Mar 26 17:45	5° <b>Y</b> 27′30	-0°45'42
	2102 Oct 10 20:13	$0^{\circ}$ M		minimum elong	2107 Mar 26 21:01	5° <b>Ƴ</b> 33'51	0°45'40
max. Earth dist.	2102 Oct 21 04:50	7° <b>ጤ</b> 01'29	2.54534 AU		2107 Apr 27 18:57	0° <b>႘</b>	
desc. node	2102 Nov 04 19:44	17°M05'21		max. Earth dist.	2107 May 17 13:17	14° <b>8</b> 43'59	2.41775 AU
				morning rise	2107 Jun 02 06:21	26° <b>8</b> 12'11	
conjunction	2102 Nov 21 15:52	28°M54'22	-0°10'04		2107 Jun 07 12:52	0°П	
minimum elong	2102 Nov 21 15:25	28°M53'35		asc. node	2107 Jun 10 07:25	1° <b>∏</b> 59'15	
behind sun begin	2102 Nov 20 22:32	28°M23'41	0 10 04	ase. Hode	2107 Jul 20 11:47	0°95	
behind sun end	2102 Nov 20 22.32 2102 Nov 22 08:19	29°M23'31				0°Ω	
bening sun eng					2107 Sep 04 01:59		
	2102 Nov 23 04:53	0° <b>⊼</b>			2107 Oct 23 03:58	0° <b>m</b> y	
	2103 Jan 03 11:08	0° <b>ろ</b>		_	2107 Dec 19 00:12	0∘ <b>⊽</b>	
morning rise	2103 Jan 13 00:56	7° <b>る</b> 09'06		retrograde	2108 Feb 18 11:06	16° <b>≏</b> 45'54	
	2103 Feb 12 02:54	0° <b>≈</b>		opposition	2108 Mar 28 09:13	7° <b>ჲ</b> 50'01	3°10'52
	2103 Mar 22 20:22	0° <b>∀</b>		greatest brilliancy	2108 Mar 28 21:25	7° <b>≏</b> 38'11	-1.4m
	2103 Apr 30 10:56	$0$ ° $\mathbf{\Upsilon}$		min. Earth dist.	2108 Apr 01 18:45	6° <b>≏</b> 07'33	0.64456 AU
	2103 Jun 08 21:30	$8^{\circ 0}$			2108 Apr 20 10:55	30°R, Mp	
	2103 Jul 20 08:49	$\Pi^{\circ}0$		direct	2108 May 08 20:10	27° m 48'29	
	2103 Sep 03 20:14	0ಂತಾ			2108 May 28 05:10	0∘ <b>⊽</b>	
asc. node	2103 Sep 05 09:12	0°ഇ56'39		desc. node	2108 Jun 26 16:50	9° <b>≏</b> 42'35	
	2103 Oct 31 04:16	$0^{\circ}\Omega$			2108 Aug 05 13:58	0°M₊	
retrograde	2103 Dec 11 01:34	9° <b>Ω</b> 06'56			2108 Sep 21 20:24	0° <b>⊼</b> 7	
min. Earth dist.	2104 Jan 16 19:52	0° <b>Ω</b> 30'04	0.64504 AU		2108 Nov 02 18:11	∞ੰਤ	
mm. Earth dist.	2104 Jan 18 01:57	ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა ა	0.04304 AO		2108 Nov 02 18:11 2108 Dec 12 01:30	0°≈	
			402015.4				
opposition	2104 Jan 20 04:16	29° <b>©</b> 09'35			2109 Jan 19 07:21	0° <b>)</b> €	
greatest brilliancy	2104 Jan 19 15:07	29°522'46	-1.4m		2109 Feb 26 15:43	0°Υ	
direct	2104 Feb 28 05:30	19° <b>©</b> 55'34		evening set	2109 Mar 29 01:27	23° <b>Y</b> 15'24	
	2104 Apr 14 00:35	$0^{\circ}\Omega$			2109 Apr 07 01:02	$0^{\circ}$ 8	
	2104 Jun 15 06:42	0° <b>m</b>		asc. node	2109 Apr 27 05:40	14° <b>8</b> 54'56	
	2104 Aug 05 08:34	0∘ <b>ত</b>			2109 May 18 03:32	$\Pi$ $^{\circ}0$	
	2104 Sep 20 22:44	$0^{\circ}$ M.					
desc. node	2104 Sep 21 18:34	0°M33'11		conjunction	2109 May 29 08:18	7° <b>Ⅱ</b> 55'36	0°20'01
	2104 Nov 03 07:32	0° <b>⊼</b> ¹		minimum elong	2109 May 29 07:06	7° <b>Ⅱ</b> 53'30	0°20'00
evening set	2104 Nov 17 13:14	10° <b>∡</b> 16'13		Č	2109 Jun 30 07:31	0°ಅ	
max. Earth dist.	2104 Dec 05 02:39	23°×12'20	2.41880 AU	max. Earth dist.	2109 Jul 02 04:10	1°9515'40	2.54956 AU
	2104 Dec 03 02:39 2104 Dec 14 04:28	<sub>0°</sub> ප	2500710	morning rise	2109 Jul 23 04:22	15°519'32	2.0 .750 110
	21071000 17 04.20	υ <b>Ο</b>		morning 1150		13 <b>3</b> 1932	
oomium -ti	2105 Ic. 12 15 07	220-715120	0050110		2109 Aug 14 13:52		
conjunction	2105 Jan 13 15:07	23°る15'30			2109 Sep 30 20:21	0° <b>m</b>	
minimum elong	2105 Jan 13 13:11	23° <b>ප</b> 11'45	0~58.17		2109 Nov 19 11:43	0∘ <b>⊽</b>	
	2105 Jan 22 07:28	0° <b>≈</b>			2110 Jan 13 03:04	0° <b>M</b>	
	2105 Mar 01 12:41	0° <b>∀</b>		retrograde	2110 Apr 01 14:53	24°M46'28	
morning rise	2105 Mar 21 06:44	15° <b>)</b> 33′34		opposition	2110 May 07 22:18	17°ML03'03	0°18'19
	2105 Apr 08 17:13	$0$ ° $\mathbf{\Upsilon}$		greatest brilliancy	2110 May 08 00:48	17° <b>M</b> 00'46	-1.9m
	2105 May 17 18:15	$9^{\circ}$ 8		desc. node	2110 May 14 15:38	14°M35'28	

min. Earth dist.	2110 May 15 15:51 2110 Jun 16 19:00	14°M.13'40 7°M.41'09	0.54855 AU		2115 Sep 21 09:16	0∘ <b>⊽</b>	
	2110 Aug 22 17:51	0° <b>∡</b> 7		conjunction	2115 Sep 27 18:19	4° <b>≏</b> 07'18	0°49'54
	2110 Oct 08 22:38	0°ರ		minimum elong	2115 Sep 27 19:26	4° <b>≙</b> 09'07	0°49'54
	2110 Nov 19 02:36	0°≈		-	2115 Nov 06 04:25	0°M	
	2110 Dec 28 09:20	0° <b>)</b> €		morning rise	2115 Nov 11 14:01	3°M36'17	
	2111 Feb 05 13:49	$0^{\circ}\mathbf{\Upsilon}$			2115 Dec 20 10:17	0° <b>∡</b> ¹	
asc. node	2111 Mar 15 04:21	28° <b>Ƴ</b> 06'11		desc. node	2116 Jan 04 12:43	10° <b>≯</b> 29'15	
	2111 Mar 17 18:24	$9^{\circ}$ 8			2116 Feb 01 03:35	0°ප	
	2111 Apr 28 15:19	$\Pi^{\circ}0$			2116 Mar 13 13:45	0° <b>≈</b>	
evening set	2111 May 24 18:53	18° <b>∏</b> 04'08			2116 Apr 23 04:25	0° <b>∀</b>	
	2111 Jun 11 10:20	$0$ $\circ$ $\odot$			2116 Jun 02 21:59	0° <b>Υ</b>	
		222 62 4122	1000115		2116 Jul 15 18:54	8°0	
conjunction	2111 Jul 15 13:35	22°534'39	1°00'15		2116 Sep 06 07:32	0°II	
minimum elong	2111 Jul 15 12:22	22°532'40	1°00'14	retrograde	2116 Oct 16 13:08	9° <b>Ⅲ</b> 55'20 7° <b>Ⅲ</b> 24'43	
max. Earth dist.	2111 Jul 26 23:27 2111 Jul 30 16:06	0° <b>Ω</b> 2° <b>Ω</b> 23'31	2.63942 AU	asc. node min. Earth dist.	2116 Nov 04 01:52 2116 Nov 15 01:55	7° <b>П</b> 24°43 3° <b>П</b> 54'14	0.49901 AU
morning rise	2111 Sep 01 02:51	23°Ω12'23	2.03942 AU	opposition	2116 Nov 13 01:33 2116 Nov 23 02:09	0° <b>П</b> 57'14	
morning risc	2111 Sep 01 02:31 2111 Sep 11 19:26	0° m		greatest brilliancy	2116 Nov 23 02:09 2116 Nov 22 18:12	1° <b>П</b> 04'33	-2.2m
	2111 Oct 29 11:40	0∘ <b>ರ</b> ೧.ಗಿ		greatest offinaley	2116 Nov 25 16:51	30°R₩	2.2111
	2111 Dec 16 23:28	0°M		direct	2116 Dec 27 05:33	23° <b>8</b> 37'19	
	2112 Feb 05 06:11	0° <b>∡</b> 7			2117 Jan 30 08:25	0°Щ	
desc. node	2112 Mar 31 14:15	29° <b>∡</b> ¹24'25			2117 Apr 04 21:17	0° <b>©</b>	
	2112 Apr 01 21:05	8°0			2117 May 27 13:25	$0^{\circ}\Omega$	
retrograde	2112 May 31 13:47	16° <b>ප</b> 31'09			2117 Jul 16 08:05	0° <b>™</b>	
opposition	2112 Jul 02 11:07	10° <b>පි</b> 48'15	-4°51'20		2117 Sep 02 02:16	0∘ <b>⊽</b>	
greatest brilliancy	2112 Jul 03 15:41	10° <b>る</b> 26'38		evening set	2117 Sep 18 15:53	10° <b>≏</b> 43'14	
min. Earth dist.	2112 Jul 09 16:42		0.41835 AU	max. Earth dist.	2117 Oct 09 10:44		2.58628 AU
direct	2112 Aug 05 15:14	4° <b>る</b> 03'05			2117 Oct 17 18:16	0°M₊	
	2112 Oct 15 01:43	0° <b>≈</b>					
	2112 Nov 29 15:09	0° <b>∀</b> 0° <b>Υ</b>		conjunction	2117 Nov 04 14:39	12°M07'52	0°09'54
asc. node	2113 Jan 11 01:28 2113 Jan 30 04:04	13° <b>Υ</b> 34'16		minimum elong	2117 Nov 04 15:02 2117 Nov 03 22:51	12°M08'31 11°M40'47	0°09'53
asc. node	2113 Jan 30 04.04 2113 Feb 22 12:16	0° <b>8</b>		behind sun begin behind sun end	2117 Nov 05 22.31 2117 Nov 05 07:13	12°M36'16	
	2113 Feb 22 12:10 2113 Apr 07 02:25	0°II		desc. node	2117 Nov 03 07:13 2117 Nov 21 11:03	23°M48'12	
	2113 Mpr 07 02:25 2113 May 22 03:55	0.ee		dese. Hode	2117 Nov 21 11:03 2117 Nov 30 06:39	0° <b>√</b>	
evening set	2113 Jul 06 09:56	29° <b>©</b> 17'59		morning rise	2117 Dec 23 14:48	16° <b>√</b> 41'21	
<i>8</i>	2113 Jul 07 12:10	$0^{\circ}\Omega$		, , , , , , , , , , , , , , , , , , ,	2118 Jan 10 20:05	0°る	
					2118 Feb 19 20:16	0° <b>≈</b>	
conjunction	2113 Aug 22 08:09	29° <b>Ω</b> 13'57	1°08'11		2118 Mar 30 21:48	0° <b>)</b> €	
minimum elong	2113 Aug 22 08:27	29° <b>Ω</b> 14′26	1°08'11		2118 May 08 19:43	$0^{\circ}\Upsilon$	
max. Earth dist.	2113 Aug 22 07:37	29° <b>Ω</b> 13′07	2.67559 AU		2118 Jun 17 14:49	$0^{\circ}$ 8	
	2113 Aug 23 13:06	0° <b>m</b>			2118 Jul 29 19:23	$\Pi$ °0	
morning rise	2113 Oct 05 22:23	27° <b>m</b> 39'19			2118 Sep 15 17:39	$0$ $\circ$ $\odot$	
	2113 Oct 09 14:18	0∘ <b>⊽</b>		asc. node	2118 Sep 22 01:40	3° <b>©</b> 27'51	
	2113 Nov 25 03:29	0°M		retrograde	2118 Nov 27 00:31	24°547'58	0.61.450.433
	2114 Jan 10 00:34	0° 🖍 7 4.015 5		min. Earth dist.	2118 Dec 31 22:52	16°547'53	0.61458 AU
desc. node	2114 Feb 16 13:49	24°♂48'55 0°る		opposition	2119 Jan 05 19:13 2119 Jan 05 02:09	14°©52'10 15°©09'10	3°53'58 -1.6m
	2114 Feb 24 09:31 2114 Apr 10 18:30	0°≈		greatest brilliancy direct	2119 Jan 03 02:09 2119 Feb 12 17:49	6°901'08	-1.0111
	2114 Apr 10 18:30 2114 May 27 21:18	0° <b>∺</b>		uncet	2119 Feb 12 17:49 2119 Apr 30 19:28	0°Ω	
	2114 Jul 28 21:57	0° <b>Υ</b>			2119 Jun 25 08:26	0° <b>m</b> )	
retrograde	2114 Aug 20 01:59	3° <b>Υ</b> 12'09			2119 Aug 13 23:42	0∘ <b>ত</b> 0°.	
	2114 Sep 11 09:08	30° <b>₹</b>			2119 Sep 29 03:34	0°M	
min. Earth dist.	2114 Sep 16 01:04		0.38284 AU	desc. node	2119 Oct 09 10:19	6°M57'29	
opposition	2114 Sep 20 16:34	27° <b>)</b> €26'19	-5°20'21	evening set	2119 Oct 30 11:51	21°M31'41	
greatest brilliancy	2114 Sep 20 00:16	27° <b>)</b> 37′51	-2.9m		2119 Nov 11 11:08	0° <b>≯</b>	
direct	2114 Oct 20 09:28	22° <b>) (</b> 19′59		max. Earth dist.	2119 Nov 13 19:28	1° <b>х</b> ⁴40'36	2.47001 AU
	2114 Nov 25 19:38	$0^{\circ}\Upsilon$					
asc. node	2114 Dec 18 03:08	9° <b>Y</b> 53′21		conjunction	2119 Dec 22 10:01	29° <b>₰</b> 58'26	
	2115 Jan 23 20:15	8°0		minimum elong	2119 Dec 22 08:06	29° <b>∡</b> 754'50	0°42'08
	2115 Mar 14 06:04	0° <b>Ⅱ</b>			2119 Dec 22 10:52	5°0	
	2115 May 01 09:20	0.ಲ			2120 Jan 30 18:00	0°≈ 16°222946	
	2115 Jun 18 10:47	0° <b>Ω</b>		morning rise	2120 Feb 20 21:27	16°≈28'46 0° <b>)</b> €	
evening set	2115 Aug 05 07:10 2115 Aug 13 07:56	0° Mp 5° Mp 04'17			2120 Mar 09 03:02 2120 Apr 16 10:24	0° <b>π</b> 0° <b>Υ</b>	
max. Earth dist.	2115 Aug 13 07.36 2115 Sep 14 17:18	25° Mp 42'31	2.65739 AU		2120 Apr 16 10.24 2120 May 25 13:27	0° <b>8</b>	
max. Luttii dist.	2110 бер 14 17.16	1 V -1 V 1 C - 1 1 C - 1 1 C - 1 1 C - 1 1 C - 1 1 C - 1 1 C -	2.05/5/ AU		2120 may 20 10.21	ŷ O	

asc. node	2120 Jul 05 10:51 2120 Aug 09 00:14 2120 Aug 18 05:55 2120 Oct 06 07:23	0°Ⅱ 23°Ⅱ53'09 0°ᢒ 0°Ω		min. Earth dist. direct desc. node	2125 Apr 23 14:59 2125 Apr 27 14:27 2125 May 31 20:20 2125 May 31 06:36	30°R	0.59284 AU
retrograde	2120 Dec 22 10:11 2120 Dec 31 06:08	0° <b>т</b> 0° <b>т</b> 28'55			2125 Jul 10 21:04 2125 Sep 05 07:07	0° <b>M</b> 0° <i>⊀</i>	
retrograde	2120 Dec 31 00:08 2121 Jan 08 19:42	0 11/2833 30°RΩ			2125 Sep 05 07:07 2125 Oct 19 05:30	0°ਤ	
min. Earth dist.	2121 Feb 08 11:51	21° <b>Ω</b> 03'56	0.67295 AU		2125 Nov 28 08:10	0° <b>≈</b>	
opposition	2121 Feb 09 11:34	20° <b>Ω</b> 40′13			2126 Jan 06 01:13	0° <b>∀</b>	
greatest brilliancy	2121 Feb 09 07:01	20° <b>Ω</b> 44'46	-1.3m		2126 Feb 13 19:02	$^{\circ \gamma}$	
direct	2121 Mar 21 20:10 2121 May 27 15:16	11° <b>Ω</b> 00'03 0° Mp		asc. node	2126 Mar 25 13:42 2126 Mar 31 21:42	0°8 4°840'15	
	2121 Jul 22 14:31	0∘ <b>ʊ</b> 0 ıı⁄ı		evening set	2126 May 04 16:11	29° <b>8</b> 01'35	
desc. node	2121 Aug 26 09:43	21° <b>≏</b> 28'41		C	2126 May 06 01:14	0°Ⅲ	
	2121 Sep 08 12:16	0° <b>M</b> ₊			2126 Jun 18 12:29	$0$ $\circ$ $\odot$	
	2121 Oct 22 05:39	0° <b>∡</b>			2126 7 20 1120	60016110	0040145
avanina sat	2121 Dec 02 02:29 2121 Dec 22 13:01	0°る 15°る35'37		conjunction minimum elong	2126 Jun 28 14:39 2126 Jun 28 13:01	6°5946'40 6°5943'56	0°48'47 0°48'46
evening set	2121 Dec 22 13:01 2122 Jan 10 02:13	13 <b>⊘</b> 33 37		max. Earth dist.	2126 Jul 20 11:18	21°S15'06	2.61020 AU
	2122 Feb 17 03:55	0° <b>∀</b>			2126 Aug 02 20:57	0°N	
				morning rise	2126 Aug 17 09:35	9° <b>Ω</b> 23'14	
conjunction	2122 Feb 25 10:52	6° <b>₩</b> 33'12			2126 Sep 18 18:24	0° Mp	
minimum elong max. Earth dist.	2122 Feb 25 12:41 2122 Mar 24 19:17	6° <b>)</b> (36'48	1°02'06 2.37284 AU		2126 Nov 05 23:05 2126 Dec 25 22:15	0° <b>Մ</b> 0° <b>⊙</b>	
max. Earm dist.	2122 Mar 24 19.17 2122 Mar 27 06:15	28 γ(04 48 0° <b>γ</b>	2.37264 AU		2120 Dec 23 22:13 2127 Feb 18 14:15	0° <b>⊼</b> 7	
	2122 May 05 06:17	0°8		desc. node	2127 Apr 18 05:43	22° <b>х</b> 12′00	
morning rise	2122 May 07 05:49	1° <b>8</b> 29'39		retrograde	2127 May 05 18:29	23° <b>₹</b> 57'35	
	2122 Jun 14 22:32	0°II		opposition	2127 Jun 08 12:58	17° <b>₹</b> 22'15	
asc. node	2122 Jun 26 22:06 2122 Jul 27 22:16	8°Ⅲ32'35 0°©		greatest brilliancy min. Earth dist.	2127 Jun 09 07:53 2127 Jun 16 22:40	17° <b>尽</b> 06'26 14° <b>尽</b> 34'16	-2.3m 0.46831 AU
	2122 Jul 27 22.16 2122 Sep 11 21:39	0° <b>U</b>		direct	2127 Jul 16 22:40 2127 Jul 15 13:36	9° <b>×</b> 17'47	0.40831 AU
	2122 Nov 01 13:42	0° m/		uncer	2127 Sep 15 12:20	0°ප	
	2123 Jan 08 23:35	0० <b>ट</b>			2127 Nov 01 03:07	0° <b>≈</b>	
retrograde	2123 Feb 04 00:55	3° <b>≏</b> 42'51			2127 Dec 12 13:30	0° <b>)</b> €	
	2123 Feb 28 03:57	30°RM)	2940117	4-	2128 Jan 22 02:21	0° <b>Υ</b> 18° <b>Υ</b> 49'27	
opposition greatest brilliancy	2123 Mar 15 13:24 2123 Mar 15 22:33	24° Mp 27'43 24° Mp 18'44		asc. node	2128 Feb 16 19:51 2128 Mar 03 08:01	0° <b>8</b>	
min. Earth dist.	2123 Mar 18 10:56	23° m 19'23	0.66559 AU		2128 Apr 15 01:12	0°II	
direct	2123 Apr 26 00:13	14° <b>m</b> 26'08			2128 May 29 11:50	0ಂತ	
	2123 Jun 22 23:40	0∘ <b>ত</b>		evening set	2128 Jun 20 10:51	14°526'30	
desc. node	2123 Jul 14 08:09	10° <b>Ω</b> 35'01			2128 Jul 14 10:30	$0^{\circ}\Omega$	
	2123 Aug 17 00:00 2123 Oct 01 12:46	0° <b>M</b> 0° <b>⊀</b>		conjunction	2128 Aug 07 19:38	15° <b>Ω</b> 38'54	1°08'31
	2123 Nov 11 22:04	°ੁੱਠ		minimum elong	2128 Aug 07 19:23	15° <b>Ω</b> 38'29	1°08'30
	2123 Dec 21 00:31	0° <b>≈</b>		max. Earth dist.	2128 Aug 13 11:02	19° <b>Ω</b> 15′04	2.66784 AU
greatest brilliancy	2124 Jan 06 14:30	13° <b>≈</b> 00'38	1.2m		2128 Aug 30 07:46	0° <b>m</b>	
	2124 Jan 28 03:07	0° <b>∺</b>		morning rise	2128 Sep 22 04:08	14° <b>m</b> 31'35	
evening set	2124 Mar 01 23:55 2124 Mar 06 07:52	26° <b>)</b> 37′34 0° <b>°</b>			2128 Oct 16 12:30 2128 Dec 02 14:54	0°. 0° <del>⊽</del>	
	2124 Apr 14 12:37	0°8			2129 Jan 18 15:51	0° <b>∡</b> 7	
				desc. node	2129 Mar 05 04:43	28° <b>∡</b> ¹44'17	
conjunction	2124 May 06 15:25	16° <b>8</b> 24'10			2129 Mar 07 05:23	0°ප	
minimum elong behind sun begin	2124 May 06 15:47 2124 May 05 14:25	16° <b>8</b> 24'50 15° <b>8</b> 38'24	0°04'45		2129 Apr 26 04:57 2129 Jul 05 03:33	0° <b>≈</b> 0° <b>升</b>	
behind sun begin	2124 May 07 17:09	13 <b>8</b> 38 24		retrograde	2129 Jul 03 03:33 2129 Jul 20 03:47	0 <del>X</del> 1° <b>¥</b> 25'43	
asc. node	2124 May 13 22:10	21° <b>8</b> 42'43		renograde	2129 Aug 04 07:52	30°R≈	
	2124 May 25 10:04	$\Pi^{\circ}0$		opposition	2129 Aug 19 07:39	26° <b>≈</b> 27'27	-6°49'56
max. Earth dist.	2124 Jun 18 02:25		2.50101 AU	greatest brilliancy	2129 Aug 19 13:35	26° <b>≈</b> 23'30	
morning rise	2124 Jul 05 01:14	28°Ⅲ22'58 0°©		min. Earth dist.	2129 Aug 19 21:45	26°≈18'05	0.37328 AU
	2124 Jul 07 10:14 2124 Aug 21 16:45	0.℃ 0.ຄ		direct	2129 Sep 18 05:27 2129 Oct 26 01:53	21° <b>≈</b> 27'51 0° <b>升</b>	
	2124 Oct 08 09:39	0° <b>m</b>			2129 Dec 20 22:23	0° <b>Υ</b>	
	2124 Nov 28 15:07	$0 \circ \overline{\mathbf{v}}$		asc. node	2130 Jan 03 18:46	8° <b>Υ</b> 39'24	
	2125 Jan 29 22:06	0° <b>M</b>			2130 Feb 05 21:59	0° <b>8</b>	
retrograde	2125 Mar 14 11:52	9°M15'16	1020/26		2130 Mar 23 22:34	0° <b>I</b> I	
opposition greatest brilliancy	2125 Apr 21 00:49 2125 Apr 21 11:16	0°M58'45 0°M48'55	1°39'36		2130 May 09 11:33 2130 Jun 25 16:46	$0 {\circ} {\mathcal U}$	
greatest orinnancy	2123 Apr 21 11:16	0 11648 33	-1./111		2130 Jun 23 10:46	0 86	

evening set	2130 Jul 29 21:46	21° <b>Ω</b> 37'06			2135 Jun 03 14:59	0°B	
	2130 Aug 12 03:33	0° m/			2135 Jul 14 18:31	$\Pi^{\circ}0$	
max. Earth dist.	2130 Sep 05 10:56	15° Mp 27'00	2.67099 AU	asc. node	2135 Aug 26 16:02	28° <b>Ⅱ</b> 54'53	
					2135 Aug 28 08:56	0°®	
conjunction	2130 Sep 13 13:51	20° m 38'21			2135 Oct 19 22:54	0°N	
minimum elong	2130 Sep 13 14:48	20° <b>™</b> 39'52 0° <b>₽</b>	0°59'48	retrograde	2135 Dec 18 21:49	17° <b>Ω</b> 23'09 8° <b>Ω</b> 27'44	0.65790 AII
morning rise	2130 Sep 28 03:53 2130 Oct 27 22:23	19° <b>£</b> 19'15		min. Earth dist.	2136 Jan 25 14:22 2136 Jan 28 02:30	$7^{\circ}\Omega 27'28$	0.65780 AU 4°29'35
morning risc	2130 Oct 27 22:23 2130 Nov 13 04:08	0°M		greatest brilliancy	2136 Jan 27 16:11	7° <b>Ω</b> 37'49	
	2130 Dec 27 21:58	0° <b>⊼</b>		greatest orimaney	2136 Feb 19 07:20	30°R.95	1.1111
desc. node	2131 Jan 21 04:18	16° <b>≯</b> 38'19		direct	2136 Mar 07 15:58	28°902'50	
	2131 Feb 09 09:33	ರ°0			2136 Mar 26 07:30	$0^{\circ}\Omega$	
	2131 Mar 23 19:57	0° <b>≈</b>			2136 Jun 08 15:11	0° <b>™</b>	
	2131 May 04 17:37	0° <b>)</b> €			2136 Jul 31 01:29	0∘ <b>⊽</b>	
	2131 Jun 16 11:03	0° <b>Υ</b>		desc. node	2136 Sep 12 00:42	27° <b>≙</b> 18'55	
_	2131 Aug 03 14:40	0°8			2136 Sep 16 01:55	0° <b>M</b> ₊	
retrograde	2131 Sep 27 15:46	17° <b>8</b> 27'59	0.44644.477		2136 Oct 29 13:57	0° <b>∕</b> 7	
min. Earth dist.	2131 Oct 25 05:09	12° <b>8</b> 17'38 9° <b>8</b> 30'19	0.44644 AU	evening set	2136 Nov 29 09:14	22° <b>₹</b> 27'18	
opposition greatest brilliancy	2131 Nov 02 09:17 2131 Nov 02 01:34	9° <b>6</b> 30′19		max. Earth dist.	2136 Dec 09 11:10 2136 Dec 23 20:48	0°る 10°る55'40	2.39274 AU
asc. node	2131 Nov 02 01:34 2131 Nov 21 18:33	4° <b>8</b> 09'29	-2.3111	max. Earth dist.	2137 Jan 17 13:18	0°≈	2.39274 AU
direct	2131 Dec 04 13:49	3° <b>8</b> 02'35			2137 3411 17 13.10	0 /01	
ancer	2132 Feb 22 01:52	0°Ⅱ		conjunction	2137 Jan 28 04:35	8° <b>≈</b> 19'10	-1°03'36
	2132 Apr 15 12:44	0ಂತಾ		minimum elong	2137 Jan 28 03:31	8°≈17'05	
	2132 Jun 04 17:47	$0^{\circ}\Omega$		-	2137 Feb 24 17:14	0° <b>)</b>	
	2132 Jul 23 13:43	0° <b>™</b>			2137 Apr 03 20:40	$0^{\circ}$ Y	
evening set	2132 Sep 03 21:38	26° Mp 43'38		morning rise	2137 Apr 07 13:15	2° <b>Y</b> 52'38	
	2132 Sep 08 23:52	0∘ <b>ত</b>			2137 May 12 20:41	0°B	
max. Earth dist.	2132 Sep 28 21:59	12° <b>Ω</b> 55'59	2.62028 AU	_	2137 Jun 22 12:46	0°Щ	
	2122 0 4 10 20 07	260 2 46100	0007140	asc. node	2137 Jul 13 15:51	14° <b>Ⅱ</b> 56'46	
conjunction	2132 Oct 19 20:07	26° <b>£</b> 46′08 26° <b>£</b> 47′38	0°27'40 0°27'40		2137 Aug 04 15:47	0°Ω 0°©	
minimum elong	2132 Oct 19 21:01 2132 Oct 24 16:00	20 ==4738 0°M	0 2/40		2137 Sep 20 07:07 2137 Nov 12 21:02	oor oomp	
morning rise	2132 Oct 24 10:00 2132 Dec 05 13:52	28°M42'44		retrograde	2138 Jan 21 07:06	20° m <sub>0</sub> 58'54	
morning rise	2132 Dec 07 09:59	0° <b>√</b>		opposition	2138 Mar 02 05:14	11° <b>m</b> ) 28'00	4°15'30
desc. node	2132 Dec 08 03:33	0° <b>∡</b> ³30'46		greatest brilliancy	2138 Mar 02 09:38	11° <b>m</b> 23'37	
	2133 Jan 18 08:18	ರ°0		min. Earth dist.	2138 Mar 03 14:22	10° <b>m</b> 55'07	0.67632 AU
	2133 Feb 27 19:01	0° <b>≈</b>		direct	2138 Apr 12 09:33	1° <b>m</b> y 31'28	
	2133 Apr 08 07:03	0° <b>)</b> €			2138 Jul 06 05:15	0∘ <b>ত</b>	
	2133 May 17 15:44	0° <b>Υ</b>		desc. node	2138 Jul 30 23:50	13° <b>≏</b> 57'35	
	2133 Jun 27 01:41	0° <b>8</b>			2138 Aug 26 01:14	0° <b>M</b> ₊	
	2133 Aug 09 16:42	0° <b>I</b> I			2138 Oct 09 14:56	0° <b>∡</b> ¹	
asc. node	2133 Oct 03 11:36 2133 Oct 08 16:52	0°ഇ 2° <b>ഇ</b> 03'21			2138 Nov 19 17:08 2138 Dec 28 17:22	್ %%	
retrograde	2133 Nov 12 01:58	9° <b>5</b> 09'48		evening set	2139 Feb 02 13:14	0 ≈ 28°≈14'25	
min. Earth dist.	2133 Dec 15 00:13	1°951'45	0.57508 AU	evening sec	2139 Feb 04 18:37	0° <b>∀</b>	
	2133 Dec 19 18:30	30°R∏	,		2139 Mar 14 21:28	0° <b>Υ</b>	
opposition	2133 Dec 21 06:28	29° <b>∏</b> 24'40	3°07'47				
greatest brilliancy	2133 Dec 20 12:24	29° <b>∏</b> 42'24	-1.8m	conjunction	2139 Apr 11 16:04	21° <b>Y</b> 25'58	-0°31'42
direct	2134 Jan 26 21:35	21° <b>Ⅱ</b> 02'48		minimum elong	2139 Apr 11 18:39	21° <b>Y</b> 30'55	0°31'39
	2134 Mar 10 01:41	0°€			2139 Apr 22 23:23	0° <b>8</b>	
	2134 May 12 04:39	$\Omega^{\circ}\Omega$		asc. node	2139 May 31 14:32	28° <b>8</b> 28'19	2 11505 177
	2134 Jul 03 14:16	0° <b>m</b>		max. Earth dist.	2139 May 31 14:46		2.44786 AU
	2134 Aug 21 07:17 2134 Oct 06 05:02	0° <b>Մ</b> 0° <b>亞</b>		morning rise	2139 Jun 02 17:31 2139 Jun 15 08:55	0° <b>П</b> 9° <b>П</b> 00'16	
evening set	2134 Oct 13 05:54	4°M45'17		morning rise	2139 Jul 15 15:40	0°50	
desc. node	2134 Oct 26 01:55	13°M32'26			2139 Aug 30 01:05	0° <b>U</b>	
max. Earth dist.	2134 Oct 28 22:00	15°M30'06	2.52015 AU		2139 Oct 17 10:56	0° m/y	
	2134 Nov 18 13:50	0°⊀			2139 Dec 10 10:00	0∘ <u>v</u>	
				retrograde	2140 Feb 27 04:46	25° <b>≙</b> 00'04	
conjunction	2134 Dec 02 02:13	9° <b>∡</b> 741'17	-0°21'58	opposition	2140 Apr 05 16:19	16° <b>≏</b> 16'49	2°41'46
minimum elong	2134 Dec 02 01:12	9° <b>∡</b> 39'27	0°21'57	greatest brilliancy	2140 Apr 06 04:55	16° <b>≏</b> 04'41	-1.5m
	2134 Dec 29 18:11	0°る		min. Earth dist.	2140 Apr 10 20:57	14° <b>2</b> 16'48	0.62881 AU
morning rise	2135 Jan 25 22:13	20°る30'36		direct	2140 May 16 23:49	6° <b>Ω</b> 18'11	
	2135 Feb 07 07:06	0° <b>∺</b>		desc. node	2140 Jun 16 22:12 2140 Jul 28 15:37	11° <b>≗</b> 37'36 0° <b>™</b>	
	2135 Mar 17 21:15 2135 Apr 25 08:29	0° <del>Υ</del> 0°Υ			2140 Jul 28 15:37 2140 Sep 15 20:56	0°11∟ 0° <b>√</b> 1	
	2133 Apr 23 00.29	v I			2170 Sep 13 20.30	· ^	

	2140 Oct 28 08:22 2140 Dec 06 21:30	5°0 š0		conjunction minimum elong	2145 Aug 30 11:19 2145 Aug 30 11:54	7° Mp 20'10 7° Mp 21'06	1°06'10 1°06'10
	2141 Jan 14 06:23	0° <b>)</b> €		g	2145 Oct 04 22:58	0∘ <b>ʊ</b>	1 00 10
	2141 Feb 21 17:01	$0^{\circ}\Upsilon$		morning rise	2145 Oct 13 20:09	5° <b>Ω</b> 42'35	
	2141 Apr 02 04:27	0°8		C	2145 Nov 20 07:02	0°M	
evening set	2141 Apr 12 01:55	7° <b>8</b> 20'15			2146 Jan 04 17:23	0°⊀	
asc. node	2141 Apr 17 13:26	11° <b>8</b> 21'57		desc. node	2146 Feb 06 20:16	22° <b>≯</b> 14'38	
	2141 May 13 08:48	$\Pi^{\circ}0$			2146 Feb 18 07:10	0°ರ	
					2146 Apr 03 07:50	0° <b>≈</b>	
conjunction	2141 Jun 09 22:31	19° <b>Ⅱ</b> 18'13	0°32'03		2146 May 17 16:43	0° <b>)</b> €	
minimum elong	2141 Jun 09 20:56	19° <b>Ⅱ</b> 15′28	0°32'03		2146 Jul 04 22:20	$0$ ° $\mathbf{\Upsilon}$	
	2141 Jun 25 14:10	0ංම		retrograde	2146 Sep 04 06:05	20° <b>Y</b> 38'40	
max. Earth dist.	2141 Jul 09 06:22	9° <b>©</b> 12'21	2.57324 AU	min. Earth dist.	2146 Sep 30 19:55	16° <b>Y</b> 05'47	0.40020 AU
morning rise	2141 Aug 01 17:13	24°542'36		opposition	2146 Oct 07 09:55	14° <b>Y</b> °05'46	
	2141 Aug 09 19:58	0° <b>N</b>		greatest brilliancy	2146 Oct 06 15:18	14° <b>Y</b> 19'59	-2.8m
	2141 Sep 25 21:39	0° <b>⊽</b> 0°₥		direct asc. node	2146 Nov 06 19:40	8° <b>Υ</b> 34'24 14° <b>Υ</b> 24'30	
	2141 Nov 13 20:57 2142 Jan 05 05:18	0°M		asc. node	2146 Dec 08 09:46 2147 Jan 13 00:41	0° <b>8</b>	
	2142 Mar 13 10:23	0° <b>⊼</b> 7			2147 Mar 07 06:34	0°II	
retrograde	2142 Apr 13 02:54	4° <b>×</b> 757'19			2147 Apr 25 17:56	0.© 0 H	
desc. node	2142 May 04 20:47	1° <b>×</b> 759'01			2147 Jun 13 10:23	$0^{\circ}\Omega$	
	2142 May 11 13:21	30°RML			2147 Jul 31 14:14	0° m)	
opposition	2142 May 18 13:45	27°M35'50	-0°39'05	evening set	2147 Aug 21 12:58	13° <b>m</b> 13'05	
greatest brilliancy	2142 May 18 18:33	27°ML31'34	-2.0m		2147 Sep 16 19:01	0∘ <b>⊽</b>	
min. Earth dist.	2142 May 26 17:35	24°M41'25	0.52089 AU	max. Earth dist.	2147 Sep 20 04:02	2° <b>≏</b> 10'43	2.64644 AU
direct	2142 Jun 26 14:45	18°MJ35'20					
	2142 Aug 10 10:17	0° <b>∡</b> ¹		conjunction	2147 Oct 06 00:20	12° <b>≏</b> 28'34	0°42'37
	2142 Oct 01 11:14	0°ಕ		minimum elong	2147 Oct 06 01:27	12° <b>ჲ</b> 30′23	0°42'36
	2142 Nov 12 19:10	0° <b>≈</b>			2147 Nov 01 13:03	0°M	
	2142 Dec 22 14:57	0° <b>\</b>		morning rise	2147 Nov 20 07:43	12°M38'25	
,	2143 Jan 31 03:57	0° <b>Υ</b>			2147 Dec 15 14:43	0° ⊀ <sup>7</sup>	
asc. node	2143 Mar 05 12:50 2143 Mar 12 15:17	24° <b>Y</b> 48'44 0° <b>と</b>		desc. node	2147 Dec 25 18:41	7° <b>メ</b> 05'23 0°る	
	2143 Mai 12 13.17 2143 Apr 23 17:27	0°II			2148 Jan 27 00:52 2148 Mar 08 01:59	0°≈	
evening set	2143 Apr 23 17.27 2143 Jun 04 06:07	28° <b>I</b> I22'16			2148 Apr 17 05:32	0° <b>∺</b>	
evening set	2143 Jun 06 16:31	0°95			2148 May 27 07:59	0°Υ	
	2143 Jul 22 07:46	0°N			2148 Jul 07 22:35	0°8	
					2148 Aug 24 00:35	0°Ⅱ	
conjunction	2143 Jul 24 15:05	1° <b>£</b> 29′30	1°04'35	asc. node	2148 Oct 25 10:12	21° <b>∏</b> 30′28	
minimum elong	2143 Jul 24 14:13	1° <b>Ω</b> 28′06	1°04'34	retrograde	2148 Oct 26 17:21	21° <b>Ⅱ</b> 31′12	
max. Earth dist.	2143 Aug 05 06:28	8° <b>Ω</b> 59'50	2.65184 AU	min. Earth dist.	2148 Nov 26 10:59	15° <b>Ⅱ</b> 01′26	0.52735 AU
	2143 Sep 07 03:22	0° <b>m</b>		opposition	2148 Dec 03 22:49	12° <b>Ⅱ</b> 11′04	1°55'52
morning rise	2143 Sep 09 05:43	1° m/20'00		greatest brilliancy	2148 Dec 03 08:54	12° <b>∏</b> 24'18	-2.0m
	2143 Oct 24 14:23	0∘ <b>亚</b>		direct	2149 Jan 08 00:54	4° <b>Ⅱ</b> 26'34	
	2143 Dec 11 11:44	0° <b>M</b> 0°. <b>₹</b>			2149 Mar 27 18:24	0° <b>©</b>	
	2144 Jan 29 06:52 2144 Mar 20 23:50	0°る			2149 May 21 18:17	0° <b>Ω</b> 0° <b>m</b>	
desc. node	2144 Mar 21 21:01	0° <b>ろ</b> 28'53			2149 Jul 11 07:41 2149 Aug 28 09:31	0∘ <b>ت</b> ۱۱۱۸	
dese. Hode	2144 May 31 14:42	0° <b>≈</b>		evening set	2149 Sep 27 08:22	0 <b>—</b> 19° <b>≏</b> 27'48	
retrograde	2144 Jun 17 20:47	1°≈44'54		0.0000g 000	2149 Oct 13 03:42	0°M	
	2144 Jul 04 15:44	30°Ŗ₹		max. Earth dist.	2149 Oct 16 01:28	1°M57'29	2.56452 AU
opposition	2144 Jul 18 15:06	26° <b>පි</b> 28'58	-6°00'00	desc. node	2149 Nov 11 17:19	20°M14'10	
greatest brilliancy	2144 Jul 19 18:17	26° <b>る</b> 09'43	-2.8m				
min. Earth dist.	2144 Jul 24 04:46	24° <b>る</b> 54'33	0.39537 AU	conjunction	2149 Nov 14 02:46	21°M54'17	-0°01'27
direct	2144 Aug 20 01:56	20° <b>る</b> 31'19		minimum elong	2149 Nov 14 02:40	21°M54'06	0°01'26
	2144 Sep 28 10:20	0° <b>≈</b>		behind sun begin	2149 Nov 13 06:07	21°M18'17	
	2144 Nov 20 11:20	0° <b>∀</b>		behind sun end	2149 Nov 14 23:13	22°M29'57	
	2145 Jan 03 22:56	0° <b>Υ</b>			2149 Nov 25 15:10	0° ⊀ <sup>7</sup>	
asc. node	2145 Jan 20 10:47	11° <b>Y</b> 23'00		morning rise	2150 Jan 03 19:38	28°ダ20'41 0°る	
	2145 Feb 16 11:08 2145 Apr 01 16:49	0°H 0°S			2150 Jan 06 01:23 2150 Feb 14 21:28	0° <b>©</b>	
	2145 Apr 01 16:49 2145 May 17 04:27	0°e 0 π			2150 Mar 25 18:33	0 <b>≈</b> 0° <b>∀</b>	
	2145 Jul 02 18:42	0° <b>U</b>			2150 May 03 11:50	0°Υ	
evening set	2145 Jul 15 03:11	7° <b>Ω</b> 52'28			2150 Jun 12 00:58	0°8	
-0	2145 Aug 18 22:28	0°m)			2150 Jul 23 16:49	0°II	
max. Earth dist.	2145 Aug 27 12:06		2.67634 AU		2150 Sep 07 21:03	0ಂತಾ	
	-			asc. node	2150 Sep 12 09:15	2° <b>©</b> 40'10	

	2150 Nov 10 20:21	0°N			2155 Nov 06 18:12	0°₹	
retrograde	2150 Nov 10 20:21 2150 Dec 05 04:35	3° <b>Ω</b> 34'31			2155 Dec 15 23:57	0°≈	
retrograde	2150 Dec 03 04:33 2150 Dec 27 21:42	30°Rூ			2156 Jan 23 04:18	0° <b>∺</b>	
min. Earth dist.	2150 Dec 27 21:42 2151 Jan 10 03:23		0.63256 AU		2156 Mar 01 10:30	0° <b>Υ</b>	
opposition	2151 Jan 10 03:23 2151 Jan 14 03:42	23°936'56	4°11'53	evening set	2156 Mar 17 14:02	12° <b>Υ</b> 27'51	
greatest brilliancy	2151 Jan 14 03:42 2151 Jan 13 12:30	23° <b>©</b> 52'09	-1.5m	evening set	2156 Apr 09 16:54	0°8	
direct	2151 Feb 21 17:04	14°932'35	1.5111	asc. node	2156 May 04 05:48	18° <b>8</b> 08'42	
direct	2151 Apr 21 14:47	0° <b>Ω</b>		use. Houe	2130 May 01 03.10	10 000 12	
	2151 Jun 19 11:10	0° <b>m</b>		conjunction	2156 May 19 21:09	29° <b>8</b> 26'31	0°10'00
	2151 Aug 08 22:36	0∘ <b>⊽</b>		minimum elong	2156 May 19 20:28	29° <b>8</b> 25'19	0°09'59
	2151 Sep 24 09:32	0°M		behind sun begin	2156 May 19 00:42	28° <b>8</b> 49'55	
desc. node	2151 Sep 29 16:15	3°M32'48		behind sun end	2156 May 20 16:15	0° <b>Ⅱ</b> 00'40	
	2151 Nov 06 19:15	0° <b>∡</b> 7			2156 May 20 15:53	0°II	
evening set	2151 Nov 10 00:44	2° <b>₹</b> 18'26		max. Earth dist.	2156 Jun 26 12:10		2.52868 AU
max. Earth dist.	2151 Nov 25 06:07		2.44165 AU		2156 Jul 02 16:43	0ංම 	
	2151 Dec 17 18:27	0°ප		morning rise	2156 Jul 15 14:49	8°543'22	
		• •			2156 Aug 16 21:34	0° <b>Ω</b>	
conjunction	2152 Jan 04 02:29	13° <b>る</b> 07'37	-0°52'10		2156 Oct 03 06:48	0° <b>m</b> )	
minimum elong	2152 Jan 04 00:23	13° <b>る</b> 03'36			2156 Nov 22 10:47	0∘ <b>⊽</b>	
g	2152 Jan 25 23:58	0°≈	0 02 00		2157 Jan 18 07:03	0°M	
	2152 Mar 04 06:57	0° <b>)</b> €		retrograde	2157 Mar 24 13:01	18°M21'31	
morning rise	2152 Mar 08 01:25	2° <b>¥</b> 58'06		opposition	2157 Apr 30 10:03	10°M22'20	0°55'07
	2152 Apr 11 12:14	0°Υ		greatest brilliancy	2157 Apr 30 16:44	10°M16'08	-1.8m
	2152 May 20 13:15	0°8		min. Earth dist.	2157 May 07 15:32	7° <b>M</b> 41'13	0.56936 AU
	2152 Jun 30 07:12	0°II		desc. node	2157 May 21 13:08	3°M16'06	
asc. node	2152 Jul 30 07:10	20° <b>I</b> 57'58		direct	2157 Jun 09 17:55	0°M47'28	
	2152 Aug 12 17:35	0°50			2157 Aug 28 11:06	0° <b>∡</b> 7	
	2152 Sep 29 13:29	$0^{\circ}\Omega$			2157 Oct 13 00:03	0° <b>る</b>	
	2152 Nov 29 00:10	0° <b>m</b> )			2157 Nov 22 16:02	0° <b>≈</b>	
retrograde	2153 Jan 07 22:01	8° <b>m</b> ) 17'46			2157 Dec 31 15:59	0° <b>)</b> €	
1011081440	2153 Feb 13 11:41	30°R <b>Ω</b>			2158 Feb 08 14:33	0° <b>Υ</b>	
opposition	2153 Feb 17 01:41	28° <b>Ω</b> 34'31	4°30'16		2158 Mar 20 13:27	0°8	
greatest brilliancy	2153 Feb 17 00:27	28° <b>Ω</b> 35'45	-1.3m	asc. node	2158 Mar 22 03:57	1° <b>8</b> 10'51	
min. Earth dist.	2153 Feb 16 22:21	28° <b>Ω</b> 37'50	0.67691 AU		2158 May 01 04:42	0°II	
direct	2153 Mar 29 18:19	18° <b>Ω</b> 47'27		evening set	2158 May 16 09:49	10° <b>Ⅱ</b> 37'27	
	2153 May 17 11:21	0° m/		<i>3</i> - 1 - 1	2158 Jun 13 18:54	0°9	
	2153 Jul 16 13:31	$0$ o $\overline{\mathbf{v}}$					
desc. node	2153 Aug 16 14:59	18° <b>≏</b> 40'41		conjunction	2158 Jul 08 11:35	16° <b>©</b> 26'54	0°56'03
	2153 Sep 03 07:48	0°M.		minimum elong	2158 Jul 08 10:10	16° <b>©</b> 24'33	0°56'03
	2153 Oct 17 08:12	0° <b>∡</b> ¹		max. Earth dist.	2158 Jul 26 10:42	28°©12'36	2.62749 AU
	2153 Nov 27 07:10	0°రె			2158 Jul 29 04:47	$0^{\circ}\Omega$	
evening set	2154 Jan 05 23:40	0° <b>≈</b> 31'46		morning rise	2158 Aug 25 22:14	17° <b>Ω</b> 51'18	
•	2154 Jan 05 07:25	0° <b>≈</b>		•	2158 Sep 14 00:34	0° <b>m</b>	
	2154 Feb 12 08:58	0° <b>∀</b>			2158 Oct 31 21:09	0∘ <b>ত</b>	
					2158 Dec 19 22:01	0°M	
conjunction	2154 Mar 13 23:35	23° <b>∺</b> 21'37	-0°54'25		2159 Feb 09 16:07	0° <b>∡</b> ¹	
minimum elong	2154 Mar 14 02:37	23° <b>∺</b> 27'35	0°54'24	desc. node	2159 Apr 08 11:53	27° <b>∡</b> ¹46'30	
_	2154 Mar 22 11:03	$0^{\circ}\mathbf{\Upsilon}$			2159 Apr 14 18:11	0°ප	
	2154 Apr 30 11:00	$9^{\circ}$ 8		retrograde	2159 May 20 05:53	6° <b>る</b> 37'39	
max. Earth dist.	2154 May 01 22:24	1° <b>8</b> 06'48	2.39468 AU	opposition	2159 Jun 22 00:31	0° <b>る</b> 30'58	-3°52'54
morning rise	2154 May 22 09:25	16° <b>8</b> 22'04		greatest brilliancy	2159 Jun 23 02:21	0°る10'27	-2.5m
	2154 Jun 10 02:43	$\Pi^{\circ}0$			2159 Jun 23 15:28	30°₽ <b>⋌</b> ¹	
asc. node	2154 Jun 17 06:55	5° <b>Ⅱ</b> 08'22		min. Earth dist.	2159 Jun 30 01:12	27° <b>∡</b> ¹58'59	0.43992 AU
	2154 Jul 23 00:11	0°€		direct	2159 Jul 27 13:34	23° <b>₹</b> 08'04	
	2154 Sep 06 15:55	$0^{\circ}\Omega$			2159 Aug 29 13:55	<b>∂</b> °8	
	2154 Oct 26 05:26	0° <b>m</b>			2159 Oct 23 08:16	0° <b>≈</b>	
	2154 Dec 24 21:02	0∘ <b>⊽</b>			2159 Dec 05 13:52	0° <b>)</b> €	
retrograde	2155 Feb 12 05:14	11° <b>≏</b> 35'50			2160 Jan 15 23:39	$0^{\circ}\mathbf{\Upsilon}$	
opposition	2155 Mar 23 09:53	2° <b>≏</b> 30'55	3°28'17	asc. node	2160 Feb 07 03:30	15° <b>Y</b> 59'38	
greatest brilliancy	2155 Mar 23 20:57	2° <b>≏</b> 20'06	-1.4m		2160 Feb 26 18:49	$8^{\circ}$ 0	
min. Earth dist.	2155 Mar 27 03:26	1° <b>≏</b> 03′23	0.65516 AU		2160 Apr 09 21:32	$\Pi^{\circ}0$	
	215534 20 21 02	30°₽,₩)			2160 May 24 14:53	0ಂತಾ	
direct	2155 Mar 29 21:03				=		
direct	2155 Mar 29 21:03 2155 May 03 20:58	22°m/28'31		evening set	2160 Jun 29 17:23	23° <b>©</b> 32'37	
direct		22° <b>™</b> 28'31 0° <b>⊆</b>		evening set	2160 Jun 29 17:23 2160 Jul 09 17:48	23° <b>©</b> 32'37 0° <b>Ω</b>	
desc. node	2155 May 03 20:58	-		evening set			
	2155 May 03 20:58 2155 Jun 10 20:17	0∘ <b>⊽</b>		evening set			1°08'48
	2155 May 03 20:58 2155 Jun 10 20:17 2155 Jul 04 14:10	0° <b>亞</b> 59'56		·	2160 Jul 09 17:48	$0$ ° $\Omega$	1°08'48 1°08'48

max. Earth dist.	2160 Aug 18 17:50	25° <b>Ω</b> 34'25	2.67322 AU	retrograde	2165 Nov 20 18:55	18° <b>©</b> 44'18	
	2160 Aug 25 16:43	0° <b>m</b>		min. Earth dist.	2165 Dec 24 19:58	11° <b>©</b> 02'06	0.59792 AU
morning rise	2160 Sep 30 01:54	22° Mp 31'20		opposition	2165 Dec 30 07:35	8° <b>9</b> 51'47	3°37'29
	2160 Oct 11 19:17	0∘ <b>⊽</b>		greatest brilliancy	2165 Dec 29 13:29	9° <b>©</b> 09'45	-1.7m
	2160 Nov 27 14:08	0° <b>M</b>		direct	2166 Feb 05 16:07	0° <b>©</b> 13'00	
	2161 Jan 12 22:43	0° <b>∡</b> ¹			2166 May 05 02:06	$0^{\circ}\Omega$	
desc. node	2161 Feb 23 11:20	26° <b>₹</b> 58'09			2166 Jun 28 03:53	0° <b>т</b> р	
	2161 Feb 28 03:36	0° <b>ರ</b>			2166 Aug 16 10:09	0∘ <b>⊽</b>	
	2161 Apr 16 01:28	0° <b>≈</b>			2166 Oct 01 12:29	0°M₊	
	2161 Jun 06 02:30	0° <b>∀</b>		desc. node	2166 Oct 16 07:44	10°M02'14	
retrograde	2161 Aug 07 02:48	19° <b>)</b> 47′10		evening set	2166 Oct 22 21:05	14°M32'54	
min. Earth dist.	2161 Sep 04 06:45			max. Earth dist.	2166 Nov 06 12:58	24°M46'53	2.49284 AU
opposition	2161 Sep 06 18:14	14° <b>)</b> ₹30'51			2166 Nov 13 21:53	0°⊀	
greatest brilliancy	2161 Sep 06 09:45	14° <b>)</b> ₹36'33	-2.9m				
direct	2161 Oct 06 04:47	9° <b>¥</b> 35'36		conjunction	2166 Dec 13 07:23	21°×18'07	
,	2161 Dec 08 20:46	0° <b>Υ</b>		minimum elong	2166 Dec 13 05:48	21° <b>x</b> 15'12	0°33'4'/
asc. node	2161 Dec 25 03:03	8° <b>Y</b> 56'35			2166 Dec 25 00:34	5°0	
	2162 Jan 29 05:50	0° <b>B</b>			2167 Feb 02 10:54	0° <b>≈</b>	
	2162 Mar 17 20:39	0° <b>©</b>		morning rise	2167 Feb 09 02:34	5°≈09'01 0° <b>)</b> €	
	2162 May 04 04:23	0° <b>U</b>			2167 Mar 12 22:28	0° <b>π</b> 0° <b>Υ</b>	
	2162 Jun 20 19:41				2167 Apr 20 07:10		
evening set	2162 Aug 07 04:59	29° <b>Ω</b> 49'28 0° <b>m</b>			2167 May 29 10:51 2167 Jul 09 09:14	0°H 8°0	
max. Earth dist.	2162 Aug 07 11:39 2162 Sep 10 19:06		2.66456 AU	asc. node	2167 Jul 09 09:14 2167 Aug 17 00:11	0 H 26°H29'17	
max. Earm dist.	2102 Sep 10 19.00	21 111/4032	2.00430 AU	asc. node	2167 Aug 17 00:11 2167 Aug 22 09:08	20 <b>H</b> 2917 0° <b>ඉ</b>	
conjunction	2162 Sep 21 16:31	28° <b>m</b> 47'58	0°54'26		2167 Aug 22 09:08 2167 Oct 11 10:22	0°Ω	
minimum elong	2162 Sep 21 17:35	28° Mp 49'41		retrograde	2167 Dec 26 14:51	25° <b>Ω</b> 24'28	
minimum ciong	2162 Sep 23 13:16	0° <b>⊽</b>	0 34 23	min. Earth dist.	2168 Feb 03 03:48	16°Ω12'13	0.66742 AU
morning rise	2162 Nov 05 05:25	o <b>—</b> 27° <b>⊆</b> 50'56		opposition	2168 Feb 04 19:52	15° <b>Ω</b> 32'03	4°33'28
morning rise	2162 Nov 08 11:19	0°M		greatest brilliancy	2168 Feb 04 12:40	15° <b>Ω</b> 39'16	
	2162 Dec 22 23:08	0° <b>⊼</b> ¹		direct	2168 Mar 15 19:58	5° <b>Ω</b> 58'21	1.5111
desc. node	2163 Jan 11 10:17	13° <b>×</b> <sup>7</sup> 26'36		4.1.000	2168 Jun 01 05:37	0°m)	
	2163 Feb 04 00:42	5°0			2168 Jul 25 13:38	$0 \circ \overline{\mathbf{v}}$	
	2163 Mar 17 21:13	0° <b>≈</b>		desc. node	2168 Sep 02 07:24	24° <b>£</b> 12'45	
	2163 Apr 27 23:51	0° <b>\</b>			2168 Sep 11 03:16	0°M	
	2163 Jun 08 09:29	$0^{\circ}\mathbf{\Upsilon}$			2168 Oct 24 19:46	0° <b>∡</b> ¹	
	2163 Jul 22 16:49	$9^{\circ}$ 8			2168 Dec 04 17:43	0°ರ	
	2163 Sep 26 18:29	$\Pi^{\circ}0$		evening set	2168 Dec 12 01:53	5°₹33'06	
retrograde	2163 Oct 09 08:26	1° <b>Ⅱ</b> 07'04			2169 Jan 12 19:03	0° <b>≈</b>	
	2163 Oct 21 15:30	30° <b>₹</b> 8		max. Earth dist.	2169 Jan 26 07:38	10° <b>≈</b> 35′50	2.37295 AU
min. Earth dist.	2163 Nov 06 21:42	25° <b>8</b> 29'18	0.47535 AU				
asc. node	2163 Nov 12 01:46	23° <b>8</b> 38'58		conjunction	2169 Feb 12 19:34	24° <b>≈</b> 23'40	-1°04'39
opposition	2163 Nov 15 03:28	22° <b>8</b> 32'37	0°10'11	minimum elong	2169 Feb 12 20:03	24° <b>≈</b> 24'37	1°04'39
greatest brilliancy	2165 Dec 24 23:03	10° <b>©</b> 59'06	-1.7m		2169 Feb 19 21:50	0° <b>)</b> €	
direct	2163 Dec 18 11:03	15° <b>8</b> 34'50			2169 Mar 30 00:07	$0$ ° $\mathbf{\Upsilon}$	
	2164 Feb 10 18:39	$\Pi^{\circ}0$		morning rise	2169 Apr 24 15:34	19° <b>Y</b> 51'31	
	2164 Apr 08 20:31	0ංම			2169 May 07 23:12	0°B	
	2164 May 30 08:08	$0^{\circ}\Omega$			2169 Jun 17 14:05	$\Pi^{\circ}0$	
	2164 Jul 18 16:42	0° <b>m</b> )		asc. node	2169 Jul 03 22:02	11° <b>Ⅱ</b> 37'25	
	2164 Sep 04 07:57	0∘ <b>⊽</b>			2169 Jul 30 13:17	0°©	
evening set	2164 Sep 12 07:02	5° <b>£</b> 07'53	2 (0245 477		2169 Sep 14 16:39	0° <b>N</b>	
max. Earth dist.	2164 Oct 04 23:44	19° <b>£</b> 58'20	2.60245 AU		2169 Nov 05 05:35	0° M)	
	2164 Oct 20 00:57	0° <b>M</b>		retrograde	2170 Jan 29 03:21	28° Mp 43'07	4001127
i <b>4</b> :	21(4()-+ 20 17-12	50 <b>M</b> 51104	0017140	opposition	2170 Mar 09 20:16	19° Mp 20'33	4°01'27
conjunction minimum elong	2164 Oct 28 17:12 2164 Oct 28 17:50	5°M51'04 5°M52'09	0°17'40 0°17'39	greatest brilliancy min. Earth dist.	2170 Mar 10 03:27 2170 Mar 12 01:25	19° Mp 13'27 18° Mp 28'01	-1.3m 0.67170 AU
desc. node	2164 Nov 28 08:38	26°M57'05	0 1/39	direct		9° Mp 20'38	0.6/1/0 AU
desc. Houc	2164 Nov 28 08.38 2164 Dec 02 16:57	20 IIL3703 0° <b>⊼</b>		uncci	2170 Apr 20 04:18 2170 Jun 28 06:44	ე∘ <b>亞</b>	
morning rise	2164 Dec 15 13:57	9° <b>∡</b> ¹06'54		desc. node	2170 Jul 28 00:44 2170 Jul 21 05:58	0 <b>==</b> 12° <b>⊆</b> 07'39	
	2165 Jan 13 11:08	0°る		dose, node	2170 Aug 20 07:31	0° <b>M</b>	
	2165 Feb 22 16:35	0°≈			2170 Aug 20 07:31 2170 Oct 04 11:26	0° <b>⊼</b>	
	2165 Apr 02 22:53	0° <b>∀</b>			2170 Sec 04 11:20 2170 Nov 14 18:37	∞ੰਤ	
	2165 May 12 00:48	0° <b>Υ</b>			2170 Dec 23 20:41	0° <b>≈</b>	
	2165 Jun 21 00:36	0°8			2171 Jan 30 22:44	0° <b>)</b> €	
	2165 Aug 02 15:04	0°II		evening set	2171 Feb 18 14:03	14° <b>)</b> 42′56	
	2165 Sep 21 07:07	0ංම _		S	2171 Mar 10 01:59	0°Υ	
asc. node	2165 Sep 29 01:07	3°953'25			2171 Apr 18 04:23	0°8	
	•				•		

conjunction minimum elong asc. node	2171 Apr 26 17:44 2171 Apr 26 19:04 2171 May 21 21:55	6° <b>8</b> 24'45 6° <b>8</b> 27'14 24° <b>8</b> 55'13		retrograde opposition greatest brilliancy	2176 Jul 05 19:47 2176 Aug 05 01:07 2176 Aug 05 18:53	18°≈22'33 13°≈23'02 13°≈11'00	
	2171 May 28 23:00	$\Pi^{\circ}0$		min. Earth dist.	2176 Aug 08 01:50	12° <b>≈</b> 33'55	0.37961 AU
max. Earth dist. morning rise	2171 Jun 11 22:34 2171 Jun 27 11:28	9°П57'12 20°П48'42	2.47756 AU	direct	2176 Sep 04 21:57 2176 Nov 08 10:44	8°≈04'02 0° <b>)</b> €	
_	2171 Jul 10 20:35	0ಂತ			2176 Dec 26 22:51	$0^{\circ}\Upsilon$	
	2171 Aug 25 02:41	0° <b>Ω</b>		asc. node	2177 Jan 10 18:35	9° <b>Ƴ</b> 47'26	
	2171 Oct 12 00:26 2171 Dec 03 02:48	0 <b>்⊽</b> 0∘மி			2177 Feb 10 00:37 2177 Mar 27 02:49	0°B 0°B	
	2172 Feb 10 23:19	0°M			2177 May 12 02:33	0ಂತಾ	
retrograde	2172 Mar 07 07:42	3°M28'15			2177 Jun 28 00:08	$0^{\circ}\Omega$	
opposition	2172 Mar 30 18:51 2172 Apr 14 07:03	30° <b>R</b>	2007/27	evening set	2177 Jul 23 15:36 2177 Aug 14 07:29	16° <b>Ω</b> 16′01 0° <b>™</b>	
greatest brilliancy	2172 Apr 14 07:03 2172 Apr 14 18:53	24° <b>⊆</b> 3907 24° <b>⊆</b> 47'50	-1.6m	max. Earth dist.	2177 Sep 01 16:46		2.67437 AU
min. Earth dist.	2172 Apr 20 05:55	22° <b>≏</b> 42'53	0.61009 AU		•		
direct	2172 May 25 08:29	15° <b>Ω</b> 05'57		conjunction	2177 Sep 07 13:35	15° m 25'34	1°02'53
desc. node	2172 Jun 07 04:04 2172 Jul 18 22:07	16° <b>≏</b> 07'03 0° <b>™</b>		minimum elong	2177 Sep 07 14:25 2177 Sep 30 07:55	15° Mp 26'53 0° <u>₽</u>	1°02'52
	2172 Sep 09 10:33	0° <b>₹</b>		morning rise	2177 Oct 21 20:47	13° <b>≏</b> 54'35	
	2172 Oct 22 17:09	ව°0			2177 Nov 15 11:59	0°M	
	2172 Dec 01 13:58	0° <b>≈</b>		1 1	2177 Dec 30 13:10	0° ⊀ <sup>7</sup>	
	2173 Jan 09 03:16 2173 Feb 16 17:07	0° <b>Υ</b> 0° <b>Υ</b>		desc. node	2178 Jan 28 01:40 2178 Feb 12 11:53	19°♂23'25 0°る	
	2173 Mar 28 07:25	0°8			2178 Mar 27 13:26	0° <b>≈</b>	
asc. node	2173 Apr 07 21:42	7° <b>8</b> 49'48			2178 May 09 08:11	0° <b>)</b>	
evening set	2173 Apr 25 04:59 2173 May 08 14:24	20° <b>႘</b> 25'26 0° <b>Ⅱ</b>			2178 Jun 22 15:26 2178 Aug 16 18:32	0°႘ 0°Υ	
	21/3 May 06 14.24	υц		retrograde	2178 Sep 17 23:22	6° <b>8</b> 46'09	
conjunction	2173 Jun 20 19:33	29° <b>∏</b> 56'46	0°42'21	min. Earth dist.	2178 Oct 14 20:46	1° <b>8</b> 56'00	0.42426 AU
minimum elong	2173 Jun 20 17:50	29° <b>∏</b> 53'53	0°42'21		2178 Oct 20 19:45	30° <b>₹Ƴ</b>	
max. Earth dist.	2173 Jun 20 21:27 2173 Jul 15 21:01	0°ତ 16° <b>ତ</b> 42'47	2.59453 AU	opposition greatest brilliancy	2178 Oct 22 15:12 2178 Oct 22 01:19	29° <b>Y</b> 24'30 29° <b>Y</b> 35'49	
max. Lattii dist.	2173 Aug 05 03:25	10 <b>3</b> 4247	2.39433 AU	direct	2178 Nov 22 23:00	23° <b>Y</b> '22'20	-2.0111
morning rise	2173 Aug 10 19:51	3° <b>Ω</b> 41′23		asc. node	2178 Nov 28 18:34	23° <b>Y</b> 35'32	
	2173 Sep 21 01:25	0° <b>m</b>			2178 Dec 27 04:25	0°B	
	2173 Nov 08 12:25 2173 Dec 29 07:35	0° <b>Մ</b> 0° <b>亞</b>			2179 Feb 27 10:39 2179 Apr 19 20:03	0° <b>©</b> 10°0	
	2174 Feb 25 04:56	0° <b>⊼</b>			2179 Jun 08 07:29	0°Ω	
retrograde	2174 Apr 25 10:48	15° <b>∡</b> ¹48'34			2179 Jul 26 20:12	0° <b>m</b> )	
desc. node	2174 Apr 25 03:20	15° <b>₹</b> 48'32	1042142	evening set	2179 Aug 29 17:27	21° m/22'40	
opposition greatest brilliancy	2174 May 30 00:20 2174 May 30 13:04	8° ₹ 51'22 8° ₹ 40'22		max. Earth dist.	2179 Sep 12 04:27 2179 Sep 25 18:28	0° <b>ჲ</b> 8° <b>ჲ</b> 47'19	2.63300 AU
min. Earth dist.	2174 Jun 07 10:25	5° <b>₹</b> 57'19		man zarın dist.	2177 800 20 10:20	0 — ., 1)	2.00000110
direct	2174 Jul 07 00:39	0° <b>∡</b> 18'47		conjunction	2179 Oct 14 09:36	21° <b>≏</b> 00'16	
	2174 Sep 22 16:49 2174 Nov 05 22:34	0°る		minimum elong	2179 Oct 14 10:37 2179 Oct 27 22:20	21° <b>♀</b> 01'57 0° <b>ጤ</b>	0°34'17
	2174 Nov 03 22.34 2174 Dec 16 12:58	0 ≈ 0° <b>)</b> (		morning rise	2179 Oct 27 22:20 2179 Nov 29 09:47	22°M03'38	
	2175 Jan 25 13:14	$0^{\circ}\mathbf{\Upsilon}$		S	2179 Dec 10 20:30	0° <b>∡</b> 7	
asc. node	2175 Feb 23 19:49	21° <b>Y</b> 36'46		desc. node	2179 Dec 16 01:02	3° <b>∡</b> ³37'38	
	2175 Mar 07 08:54 2175 Apr 18 17:49	0°H 8°0			2180 Jan 22 00:38 2180 Mar 02 17:47	% ⊗°0 š0	
	2175 Jun 01 21:47	0°©			2180 Apr 11 12:22	0° <b>∺</b>	
evening set	2175 Jun 14 05:33	8° <b>©</b> 10'11			2180 May 21 03:28	$0$ ° $\Upsilon$	
	2175 Jul 17 16:06	$0$ $\circ$ $\Omega$			2180 Jun 30 22:29	0° <b>B</b>	
conjunction	2175 Aug 02 10:06	10° <b>Ω</b> 08'48	1°07'23	asc. node	2180 Aug 14 12:49 2180 Oct 15 16:53	0° <b>П</b> 29° <b>П</b> 32'39	
minimum elong	2175 Aug 02 10:30 2175 Aug 02 09:35	10° <b>Ω</b> 07'59		use. Hode	2180 Oct 17 13:15	0° <b>©</b>	
max. Earth dist.	2175 Aug 10 16:59	15° <b>Ω</b> 27'31	2.66172 AU	retrograde	2180 Nov 05 06:43	2° <b>©</b> 18'50	
	2175 Sep 02 11:55	0° m/22110		i. Danda dine	2180 Nov 23 02:03	30°Ŗ <b>Ⅱ</b> 25° <b>Ⅲ</b> 21112	0.55470 ATT
morning rise	2175 Sep 17 06:22 2175 Oct 19 18:51	9° <b>™</b> 23'10 0° <b>≏</b>		min. Earth dist. greatest brilliancy	2180 Dec 07 06:01 2180 Dec 13 08:40	25° <b>Ⅱ</b> 21'12 22° <b>Ⅱ</b> 59'15	0.55470 AU -1.9m
	2175 Dec 06 04:56	0°M		opposition	2180 Dec 14 01:52	22° <b>II</b> 42'33	2°41'10
	2176 Jan 22 22:07	0° <b>∡</b>		direct	2181 Jan 19 00:40	14° <b>Ⅲ</b> 36'11	
dogo r - J -	2176 Mar 11 21:48	0°る			2181 Mar 17 20:00	0° <b>⊙</b>	
desc. node	2176 Mar 12 02:35 2176 May 05 00:57	0° <b>ठ</b> 07'06 0°≈			2181 May 15 14:32 2181 Jul 06 04:08	0° <b>Ω</b> 0° <b>m</b>	

	2181 Aug 23 15:09	0∘ <b>ত</b>		minimum elong	2186 Mar 30 12:19	10° <b>Ƴ</b> 00'48	0°42'30
evening set	2181 Oct 06 06:18	28° <b>£</b> 28'57		8	2186 Apr 25 15:24	0°8	
C	2181 Oct 08 12:34	0° <b>M</b>		max. Earth dist.	2186 May 20 20:51	18° <b>8</b> 47'05	2.42341 AU
max. Earth dist.	2181 Oct 23 05:48	9° <b>M</b> 58'44	2.54086 AU	morning rise	2186 Jun 05 09:55	0° <b>Ⅱ</b> 04'49	
desc. node	2181 Nov 01 23:42	16°M41'12			2186 Jun 05 07:14	$\Pi$ $^{\circ}0$	
	2181 Nov 20 23:47	0° <b>∡</b> ¹		asc. node	2186 Jun 07 14:29	1° <b>Ⅱ</b> 39'16	
					2186 Jul 18 03:21	$0$ $\circ$	
conjunction	2181 Nov 24 01:40	2° <b>҂</b> 11'07	-0°13'09		2186 Sep 01 13:28	$0^{\circ}\Omega$	
minimum elong	2181 Nov 24 01:05	2° <b>҂</b> 10′05	0°13'08		2186 Oct 20 07:23	O° Mp	
behind sun begin	2181 Nov 23 12:21	1° <b>₹</b> 47'28			2186 Dec 14 21:58	0० <b>ত</b>	
behind sun end	2181 Nov 24 13:48	2° <b>҂</b> ³32'42		retrograde	2187 Feb 20 16:18	19° <b>≙</b> 39'26	
	2182 Jan 01 07:46	0°₹		opposition	2187 Mar 31 11:42	10° <b>≙</b> 45'56	3°02'42
morning rise	2182 Jan 15 20:59	10° <b>る</b> 52'44		greatest brilliancy	2187 Mar 31 23:53	10° <b>≙</b> 34'07	-1.4m
	2182 Feb 10 00:22	0° <b>≈</b>		min. Earth dist.	2187 Apr 05 00:22	9° <b>ჲ</b> 00'24	0.64185 AU
	2182 Mar 20 17:44	0° <b>∀</b>		direct	2187 May 11 21:10	0° <b>ჲ</b> 44'39	
	2182 Apr 28 07:05	0°Υ		desc. node	2187 Jun 24 19:49	10° <b>≏</b> 38′09	
	2182 Jun 06 15:08	0°8			2187 Aug 03 08:39	0°M₊	
	2182 Jul 17 21:39	$\Pi^{\circ}0$			2187 Sep 20 07:51	0° <b>∡</b>	
	2182 Aug 31 22:19	0°ಅ			2187 Nov 01 11:59	0°ಕ	
asc. node	2182 Sep 02 15:35	1°504'12			2187 Dec 10 22:11	0° <b>≈</b>	
	2182 Oct 26 01:18	$0$ $\circ$ $\Omega$			2188 Jan 18 04:59	0° <b>∀</b>	
retrograde	2182 Dec 13 03:38	12° <b>Ω</b> 04'15			2188 Feb 25 12:58	0° <b>Υ</b>	
min. Earth dist.	2183 Jan 19 01:45	3° <b>£</b> 23′28	0.64782 AU	evening set	2188 Apr 01 07:43	27° <b>Y</b> 20′12	
opposition	2183 Jan 22 06:13	2° <b>Ω</b> 06'46			2188 Apr 04 20:58	0° <b>8</b>	
greatest brilliancy	2183 Jan 21 17:30	2° <b>Ω</b> 19'32	-1.4m	asc. node	2188 Apr 24 13:13	14° <b>8</b> 33'51	
	2183 Jan 27 14:33	30° <b>₹</b> 5			2188 May 15 21:38	$\Pi$ °0	
direct	2183 Mar 02 09:04	22° <b>©</b> 50'38			2100 7 01 02 46	110112011	0000117
	2183 Apr 09 02:44	$\Omega^{\circ}\Omega$		conjunction	2188 Jun 01 03:46	11° <b>Ⅱ</b> 29'47	0°23'17
	2183 Jun 13 03:44	0° Mp		minimum elong	2188 Jun 01 02:26	11° <b>∏</b> 27′26	0°23'16
	2183 Aug 03 17:45	0° <b>™</b> 14131		E 4 U 4	2188 Jun 27 23:29	0°95	2.55415.411
desc. node	2183 Sep 19 22:24	0° <b>ጤ</b> 14'31 0° <b>ጤ</b>		max. Earth dist.	2188 Jul 04 03:32	4°910'43	2.55415 AU
	2183 Sep 19 13:41	0°111℃		morning rise	2188 Jul 25 13:54	18° <b>©</b> 29'29 0° <b>Ω</b>	
evening set	2183 Nov 02 02:07 2183 Nov 21 05:34	0 <b>x</b> . 13° <b>x</b> 49'12			2188 Aug 12 03:31 2188 Sep 28 06:50	0°Mp	
max. Earth dist.	2183 Dec 09 19:07	27° 🗷 33'19	2.41373 AU		2188 Nov 16 15:45	0∘ <del>ت</del> ۱۱۱۸	
max. Earth dist.	2183 Dec 03 19:07 2183 Dec 13 01:22	27 × 33 19	2.41373 AU		2189 Jan 09 10:27	0° <b>™</b>	
	2103 Dec 13 01.22	<b>0 0</b>		retrograde	2189 Apr 04 08:39	28°M01'40	
conjunction	2184 Jan 17 19:11	27° <b>ප</b> 19'46	-0°59'54	opposition	2189 May 10 11:19	20°M22'12	0°03'32
minimum elong	2184 Jan 17 17:25	27°る16'20		greatest brilliancy	2191 Jan 25 10:36	25°M28'56	
mmum trong	2184 Jan 21 05:39	0°≈	0 0, 0.	desc. node	2189 May 11 18:12	19° <b>M</b> 54'01	2
	2184 Feb 28 11:13	0° <b>)</b> €		min. Earth dist.	2189 May 18 05:58	17°M32'20	0.54335 AU
morning rise	2184 Mar 25 01:31	20° <b>)</b> €09'30		direct	2189 Jun 19 03:23	11°M04'06	
5	2184 Apr 06 15:09	$0^{\circ}\Upsilon$			2189 Aug 18 18:19	0° <b>∡</b> 7	
	2184 May 15 14:36	0°8			2189 Oct 06 04:18	0° <b>ට</b>	
	2184 Jun 25 06:03	$\Pi^{\circ}0$			2189 Nov 16 16:36	0° <b>≈</b>	
asc. node	2184 Jul 20 15:28	17° <b>Ⅱ</b> 54'17			2189 Dec 26 02:40	0° <b>∀</b>	
	2184 Aug 07 09:47	0°€			2190 Feb 03 08:11	$0^{\circ}\mathbf{Y}$	
	2184 Sep 23 08:57	$0^{\circ}\Omega$		asc. node	2190 Mar 12 12:31	27° <b>Y</b> '47'57	
	2184 Nov 17 18:47	0° <b>m</b>			2190 Mar 15 12:27	$9^{\circ}$ 8	
retrograde	2185 Jan 15 14:29	16° Mp 03′28			2190 Apr 26 08:16	$\Pi$ $^{\circ}0$	
opposition	2185 Feb 24 15:04	6° Mp 26′33	4°22'58	evening set	2190 May 27 08:34	21° <b>∏</b> 24′22	
greatest brilliancy	2185 Feb 24 17:01	6° Mp 24′37	-1.3m		2190 Jun 09 01:51	$0$ $\circ$ $\odot$	
min. Earth dist.	2185 Feb 25 07:42	6° <b>₯</b> 09'59	0.67787 AU				
	2185 Mar 14 10:23	30°R <b>Ω</b>		conjunction	2190 Jul 17 20:18	25° <b>©</b> 37'47	1°01'34
direct	2185 Apr 06 14:15	26° <b>Ω</b> 33'45		minimum elong	2190 Jul 17 19:10	25° <b>©</b> 35'56	1°01'35
	2185 May 01 19:21	0° <b>m</b> p			2190 Jul 24 13:37	$0$ $^{\circ}\Omega$	
	2185 Jul 10 01:01	0∘ <b>ত</b>		max. Earth dist.	2190 Aug 01 04:55	4° <b>Ω</b> 56'48	2.64196 AU
desc. node	2185 Aug 06 21:18	16° <b>≙</b> 09'58		morning rise	2190 Sep 03 04:39	26° <b>Ω</b> 05′18	
	2185 Aug 28 23:46	0°M			2190 Sep 09 08:22	0° <b>™</b>	
	2185 Oct 12 09:00	0° <b>⊼</b>			2190 Oct 26 22:51	0∘ <b>⊽</b>	
	2185 Nov 22 10:55	0°ප			2190 Dec 14 06:43	0° <b>™</b>	
	2185 Dec 31 11:42	0°≈			2191 Feb 02 02:59	0° <b>⊼</b>	
evening set	2186 Jan 21 06:05	16°≈19'22		desc. node	2191 Mar 29 18:28	0° <b>る</b> 21'23	
	2186 Feb 07 13:14	0° <b>∀</b>			2191 Mar 29 00:57	0°る	
	2186 Mar 17 15:19	$0$ ° $\mathbf{\Upsilon}$		retrograde	2191 Jun 05 09:39	20° <b>る</b> 39'45	5000143
	2106 M 20 00 00	9° <b>Ƴ</b> 54'38	0.042122	opposition	2191 Jul 06 23:53	15° <b>る</b> 02'54	
conjunction	2186 Mar 30 09:08	7 1 34 38	-0 42 32	greatest brilliancy	2191 Jul 08 05:14	14° <b>る</b> 41'03	-2.0III

min. Earth dist.	2191 Jul 14 00:03	12° <b>る</b> 58'09	0.41332 AU	max. Earth dist.	2196 Oct 11 06:50	27° <b>£</b> 13′26	2.58243 AU
direct	2191 Aug 09 21:14	8° <b>る</b> 27'22			2196 Oct 15 10:17	0°M	
	2191 Oct 11 18:17	0° <b>≈</b>					
	2191 Nov 27 13:47	0° <b>∀</b>		conjunction	2196 Nov 06 21:24	15°M16'18	0°06'55
	2192 Jan 09 09:09	$_{0}$ $^{\circ}$ $\Upsilon$		minimum elong	2196 Nov 06 21:41	15° <b>™</b> 16'47	0°06'55
asc. node	2192 Jan 28 10:44	13° <b>Υ</b> 28'52		behind sun begin	2196 Nov 06 03:09	14°M44'55	
use. Houe	2192 Feb 20 23:37	0°8		behind sun end	2196 Nov 07 16:13	15°M48'41	
		0°II		desc. node		23°M24'03	
	2192 Apr 04 15:13			desc. node	2196 Nov 18 14:55		
	2192 May 19 17:06	0°©			2196 Nov 28 00:44	0° <b>∡</b> 7	
	2192 Jul 05 01:24	$0$ $^{\circ}\Omega$		morning rise	2196 Dec 26 04:14	20° <b>∡</b> ′08'58	
evening set	2192 Jul 08 15:19	2° <b>Ω</b> 17'36			2197 Jan 08 15:25	0°ಕ	
	2192 Aug 21 02:28	O° My			2197 Feb 17 16:06	0° <b>≈</b>	
					2197 Mar 28 17:22	0° <b>∀</b>	
conjunction	2192 Aug 24 10:18	2°M/06'55	1°07'43		2197 May 06 14:02	$0^{\circ}\mathbf{\Upsilon}$	
minimum elong	2192 Aug 24 10:42	2° Mp 07'33	1°07'43		2197 Jun 15 06:17	$B_{\circ 0}$	
max. Earth dist.	2192 Aug 23 22:41	1° 10 48'27	2.67601 AU		2197 Jul 27 04:34	$\Pi^{\circ}0$	
morning rise	2192 Oct 07 22:43	0° <u>م</u> 30'12			2197 Sep 12 07:50	0°ಅ	
	2192 Oct 07 03:51	0∘ <b>ರ</b>		asc. node	2197 Sep 19 08:59	3°958'18	
	2192 Nov 22 16:49	0° <b>m</b>			2197 Nov 29 03:40	27°950'36	
				retrograde			0.61016.411
	2193 Jan 07 12:33	0° <b>₹</b>		min. Earth dist.	2198 Jan 03 06:23	19°546'09	0.61816 AU
desc. node	2193 Feb 13 17:53	24° <b>∡</b> °40′07		opposition	2198 Jan 07 22:39	17° <b>©</b> 54'10	3°59'58
	2193 Feb 21 18:05	0°ಕ		greatest brilliancy	2198 Jan 07 05:43	18° <b>©</b> 11'05	-1.6m
	2193 Apr 07 19:41	0° <b>≈</b>		direct	2198 Feb 14 23:17	9° <b>©</b> 00'40	
	2193 May 24 03:12	0° <b>∀</b>			2198 Apr 26 21:58	$0^{\circ}\Omega$	
	2193 Jul 18 17:36	$0$ ° $\mathbf{Y}$			2198 Jun 22 10:51	0° <b>m</b> ⁄	
retrograde	2193 Aug 23 14:16	7° <b>Ƴ</b> 57'40			2198 Aug 11 10:17	0∘ <b>ত</b>	
min. Earth dist.	2193 Sep 19 11:25	3° <b>Ƴ</b> 30′21	0.38522 AU		2198 Sep 26 18:58	0°M₁	
opposition	2193 Sep 24 12:34	2° <b>Y</b> 03'33		desc. node	2198 Oct 06 13:56	6°M36'00	
greatest brilliancy	2193 Sep 23 19:20	2°Υ15'58		evening set	2198 Nov 01 22:55	24°M50'22	
greatest orimancy	2193 Oct 02 00:05	30°R <b>)</b> €	-2.7111	evening set	2198 Nov 09 05:52	0°×7	
T' 4		*		E d E d			2 46406 411
direct	2193 Oct 24 08:24	26° <b>)</b> 53′24		max. Earth dist.	2198 Nov 16 10:41	5° <b>₹</b> 08'47	2.46486 AU
	2193 Nov 15 16:38	0° <b>Υ</b>			2198 Dec 20 07:47	0°る	
asc. node	2193 Dec 15 09:34	11° <b>Y</b> 11'04					
	2194 Jan 20 03:50	$9^{\circ}$ 8		conjunction	2198 Dec 25 05:59	3°₹41'42	
	2194 Mar 11 07:18	$\Pi$ $^{\circ}0$		minimum elong	2198 Dec 25 03:59	3° <b>る</b> 37'57	0°44'47
	2194 Apr 28 16:39	$0$ $\circ$ $60$			2199 Jan 28 16:00	0° <b>≈</b>	
	2194 Jun 15 21:00	$0^{\circ}\Omega$		morning rise	2199 Feb 24 08:55	20° <b>≈</b> 49'58	
	2194 Aug 02 19:21	0° <b>m</b>			2199 Mar 08 01:06	0° <b>)</b>	
evening set	2194 Aug 15 10:18	7° m 57'57			2199 Apr 15 07:32	o°Υ	
max. Earth dist.	2194 Sep 16 03:55		2.65564 AU		2199 May 24 08:40	0°8	
max. Latin dist.	2194 Sep 18 23:07	0° <b>⊡</b>	2.03304 AC		2199 Jul 04 02:52	0°II	
	2194 Sep 18 23.07	0 ==		1-			
	21010 20 20 15	<b>50.0</b> 01155	00.45155	asc. node	2199 Aug 07 07:03	23° <b>Ⅱ</b> 44'47	
conjunction	2194 Sep 29 20:15	7° <b>£</b> 01'55			2199 Aug 16 16:11	0° <b>©</b>	
minimum elong	2194 Sep 29 21:23	7° <b>Ω</b> 03'45	0°47'55		2199 Oct 04 03:17	$0$ $^{\circ}$ $\Omega$	
	2194 Nov 03 19:40	0°M₊			2199 Dec 10 04:50	0° <b>m</b> y	
morning rise	2194 Nov 13 17:22	6°M37′00		retrograde	2200 Jan 03 06:48	3°₩19'16	
	2194 Dec 18 02:26	0° <b>∡</b> ¹			2200 Jan 25 14:49	$30^{\circ}$ R $\Omega$	
desc. node	2195 Jan 01 16:10	10° <b>∡</b> ¹06'46		opposition	2200 Feb 12 11:14	23° <b>Ω</b> 31′22	4°33'05
	2195 Jan 29 19:59	<b>万</b> °0		greatest brilliancy	2200 Feb 12 07:19	23° <b>Ω</b> 35'17	-1.3m
	2195 Mar 12 05:37	0° <b>≈</b>		min. Earth dist.	2200 Feb 11 15:22	23°Ω51'16	0.67392 AU
	2195 Apr 21 18:36	0° <b>)</b> €		direct	2200 Mar 24 20:43	13° <b>Ω</b> 49'52	
	2195 Jun 01 08:05	0° <b>Υ</b>			2200 May 24 11:00	0° m)	
	2195 Jul 13 18:05	0°8			2200 Jul 20 17:38	0° <del>م</del>	
				1 1			
	2195 Sep 01 23:23	0°II		desc. node	2200 Aug 24 12:37	21° <b>Ω</b> 16'35	
retrograde	2195 Oct 20 03:06	13° <b>Ⅲ</b> 33'03			2200 Sep 07 00:44	0° <b>™</b>	
asc. node	2195 Nov 02 09:41	12° <b>Ⅱ</b> 14'24			2200 Oct 20 23:05	0° <b>∡</b> 7	
min. Earth dist.	2195 Nov 18 20:40	7° <b>Ⅱ</b> 26'05	0.50431 AU		2200 Nov 30 22:56	0°ಕ	
opposition	2195 Nov 26 18:16	4° <b>Ⅱ</b> 30′18		evening set	2200 Dec 26 17:46	19° <b>る</b> 40'57	
greatest brilliancy	2195 Nov 26 08:26	4° <b>Ⅱ</b> 39'27	-2.2m		2201 Jan 09 00:22	0° <b>≈</b>	
	2195 Dec 10 06:13	30° <b>₹</b> 8			2201 Feb 16 02:40	0° <b>∀</b>	
direct	2195 Dec 31 01:46	27° <b>8</b> 05'26					
	2196 Jan 22 07:21	0° <b>I</b> I		conjunction	2201 Mar 02 02:05	11° <b>)</b> €02'50	-1°00'44
	2196 Apr 01 10:32	0°99		minimum elong	2201 Mar 02 04:16	11° <b>)</b> €07'09	
	2196 May 24 17:06	$0^{\circ}\Omega$			2201 Mar 26 04:31	0°Υ	
	2196 Jul 13 17:36	0° <b>m</b>		max. Earth dist.	2201 Apr 05 01:06		2.37593 AU
	2196 Aug 30 15:28	0∘ <del>ت</del> بالا		max. Larui Wist.	2201 Apr 03 01:00 2201 May 04 03:06	0° <b>8</b>	2.57575 AU
ovening set	-			morning ris-		_	
evening set	2196 Sep 20 19:34	13° <b>≏</b> 41'37		morning rise	2201 May 11 17:06	5° <b>8</b> 42'57	

	2201 Jun 12 17:01	<b>∏</b> °0		araataat brillianay	2206 Jun 12 00:22	200.7/46/25	2 2
asc. node	2201 Jun 13 17:01 2201 Jun 25 06:45	0°Д 8°Д16'36		greatest brilliancy min. Earth dist.	2206 Jun 13 08:33 2206 Jun 20 21:39	20° ₹ 46'25 18° ₹ 17'25	-2.3m 0.46306 AU
asc. Houe	2201 Jul 25 00:45 2201 Jul 26 13:25	0°9		direct	2206 Jul 19 05:51	13° <b>х</b> 17 23	0.40300 AU
	2201 Sep 10 07:31	$0 {\circ} {\mathfrak O}$		uncet	2206 Sep 12 03:59	0° <b>ਠ</b>	
	2201 Sep 10 07:31 2201 Oct 30 11:08	0° <b>m</b> )			2206 Oct 30 05:38	0° <b>≈</b>	
	2202 Jan 02 14:09	0∘ <u>ಹ</u>			2206 Dec 11 00:50	0° <b>)</b> €	
retrograde	2202 Feb 07 03:40	6° <b>£</b> 31'55			2207 Jan 20 16:49	$0^{\circ}\Upsilon$	
8	2202 Mar 11 13:45	30°R, M⊅		asc. node	2207 Feb 15 03:08	18° <b>Υ</b> 35'13	
opposition	2202 Mar 18 13:52	27° mp 18'35	3°43'28		2207 Mar 02 23:17	0°8	
greatest brilliancy	2202 Mar 18 23:23	27° m 09'14	-1.3m		2207 Apr 14 16:09	$\Pi^{\circ}$	
min. Earth dist.	2202 Mar 21 14:57	26° m 06'43	0.66377 AU		2207 May 29 02:04	0ංම	
direct	2202 Apr 28 23:41	17° <b>m</b> ) 16'39		evening set	2207 Jun 24 19:22	17° <b>5</b> 33'23	
	2202 Jun 19 11:45	0∘ <b>⊽</b>			2207 Jul 14 00:10	$0^{\circ}\Omega$	
desc. node	2202 Jul 12 11:37	10° <b>≙</b> 55'42					
	2202 Aug 15 04:00	0° <b>M</b> ₊		conjunction	2207 Aug 11 23:37	18° <b>Ω</b> 35'24	1°08'42
	2202 Sep 30 02:45	0° <b>∡</b> ¹		minimum elong	2207 Aug 11 23:28	18° <b>Ω</b> 35'10	1°08'43
	2202 Nov 10 16:34	0°ರ		max. Earth dist.	2207 Aug 17 01:38	21° <b>Ω</b> 50′05	2.66922 AU
	2202 Dec 19 21:14	0° <b>≈</b>			2207 Aug 29 21:07	0° <b>m</b>	
	2203 Jan 27 00:39	0° <b>∀</b>		morning rise	2207 Sep 26 04:55	17° <b>m</b> 22'34	
	2203 Mar 06 05:12	$\mathbf{\gamma}_0$			2207 Oct 16 01:27	0∘ <b>ಹ</b>	
evening set	2203 Mar 07 14:05	1° <b>Y</b> 03'59			2207 Dec 02 02:36	0°M₊	
	2203 Apr 14 08:53	$0^{\circ}S$			2208 Jan 18 00:09	0° <b>∡</b> ¹	
				desc. node	2208 Mar 03 08:59	28° <b>∡</b> ⁴49'38	
conjunction	2203 May 11 18:47	20° <b>8</b> 18'04			2208 Mar 05 05:45	0°₹	
minimum elong	2203 May 11 18:53	20° <b>8</b> 18'15	0°00'58		2208 Apr 23 07:41	0° <b>≈</b>	
behind sun begin	2203 May 10 17:01	19° <b>8</b> 31'05			2208 Jun 22 15:22	0° <b>∀</b>	
behind sun end	2203 May 12 20:46	21° <b>8</b> 05'22		retrograde	2208 Jul 25 05:47	6° <b>)</b> 13′20	6045154
asc. node	2203 May 13 06:00	21° <b>8</b> 22'12		opposition	2208 Aug 24 09:01	1° <b> ∺</b> 13′25	
The state of	2203 May 25 04:41	0°II	2.50(51.41)	min. Earth dist.	2208 Aug 24 08:53		0.37279 AU
max. Earth dist.	2203 Jun 22 08:56		2.50651 AU	greatest brilliancy	2208 Aug 24 12:06	1° <b> ★</b> 11'23	-2.9m
	2203 Jul 07 02:40	0°ତ 1° <b>ତ</b> 43'02		J:4	2208 Aug 29 01:40	30°R≈	
morning rise	2203 Jul 09 15:13	1°€043′02 0° <b>Ω</b>		direct	2208 Sep 23 01:33	26°≈16'28 0° <b>米</b>	
	2203 Aug 21 06:26 2203 Oct 07 19:00				2208 Oct 17 10:10 2208 Dec 18 06:24	0 <del>Υ</del> 0° <b>Υ</b>	
	2203 Oct 07 19:00 2203 Nov 27 14:18	0 <b>்⊽</b> 0°™		asc. node	2208 Dec 18 06:24 2209 Jan 02 03:02	9° <b>Υ</b> 05'04	
	2204 Jan 26 14:48	0° <b>m</b>		asc. Houe	2209 Jan 02 03:02 2209 Feb 04 00:11	9 <b>1</b> 03 04	
retrograde	2204 Jan 20 14:48 2204 Mar 17 21:34	12°MJ14'48			2209 Mar 22 06:54	0°II	
opposition	2204 Apr 24 06:43	4°ML01'17	1°27'55		2209 May 07 22:16	0°©	
greatest brilliancy	2204 Apr 24 16:14	3°M52'20	-1.7m		2209 Jun 24 04:39	$0^{\circ}\Omega$	
min. Earth dist.	2204 Apr 30 22:41		0.58866 AU	evening set	2209 Aug 02 00:50	24° <b>Ω</b> 31'42	
	2204 May 05 02:46	30° <b>RΩ</b>		5 · 5 · · · · · · · · · · · · · · · · ·	2209 Aug 10 16:24	0° m/y	
desc. node	2204 May 29 10:45	24° <b>£</b> 28'51		max. Earth dist.	2209 Sep 07 23:17	17° m 58'25	2.67003 AU
direct	2204 Jun 03 23:14	24° <b>£</b> 16'33					
	2204 Jul 05 13:27	0°M₊		conjunction	2209 Sep 16 15:41	23° <b>m</b> 31'27	0°58'22
	2204 Sep 03 08:02	0° <b>∡</b> ¹		minimum elong	2209 Sep 16 16:41	23° m 33'03	0°58'22
	2204 Oct 17 18:46	0°ರ			2209 Sep 26 17:48	0° <b>⊽</b>	
	2204 Nov 27 01:54	0° <b>≈</b>		morning rise	2209 Oct 31 00:18	22° <b>≙</b> 14'59	
	2205 Jan 04 20:35	0° <b>∀</b>			2209 Nov 11 19:01	$0^{\circ}$ M.	
	2205 Feb 12 14:30	$\mathbf{\gamma}_{0}$			2209 Dec 26 13:10	0° <b>∡</b>	
	2205 Mar 24 08:21	$_{0\circ}$ 8		desc. node	2210 Jan 19 07:49	16° <b>⊀</b> 18'30	
asc. node	2205 Mar 30 03:52	4° <b>8</b> 17'38			2210 Feb 08 00:08	0°₹	
	2205 May 04 18:35	$\Pi^{\circ}0$			2210 Mar 22 08:34	0° <b>≈</b>	
evening set	2205 May 08 13:53	2° <b>Ⅱ</b> 41′08			2210 May 03 02:13	0° <b>∀</b>	
	2205 Jun 17 04:19	0ංම			2210 Jun 14 10:14	0°Υ	
					2210 Jul 31 03:13	0°8	
conjunction	2205 Jul 02 02:36	10°901'06	0°50'56	retrograde	2210 Oct 01 13:06	21° <b>8</b> 30'28	0.45100 : **
minimum elong	2205 Jul 02 01:00			min. Earth dist.	2210 Oct 29 04:49		0.45180 AU
max. Earth dist.	2205 Jul 23 01:39		2.61384 AU	opposition	2210 Nov 06 10:48	13° <b>8</b> 25'22	
	2205 Aug 01 11:17	0°Ω 12°Ω20!51		greatest brilliancy	2210 Nov 06 05:23	13° <b>8</b> 30'03	-2.5m
morning rise	2205 Aug 20 13:51	12° <b>Ω</b> 20'51		asc. node	2210 Nov 20 01:47	9° <b>8</b> 14'10	
	2205 Sep 17 06:57	0 <b>்⊽</b> 0°™		direct	2210 Dec 08 21:53	6° <b>႘</b> 51'38 0° <b>Ⅱ</b>	
	2205 Nov 04 08:41 2205 Dec 24 00:51	0° <b>M</b> ₊			2211 Feb 19 01:47 2211 Apr 14 12:44	0ಂಣ ೧.π	
	2206 Feb 15 17:18	0° <b>⊼</b>			2211 Apr 14 12:44 2211 Jun 04 01:02	0° <b>U</b> 0 €3	
desc. node	2206 Apr 16 09:39	24° <b>∡</b> ¹29'38			2211 Jul 23 00:34	0° <b>m</b>	
retrograde	2206 May 09 20:33	27° 🗷 33'54		evening set	2211 Sep 08 00:41	29° <b>m</b> 39'41	
opposition	2206 Jun 12 11:47	21°×703'37	-2°55'08	t timing bot	2211 Sep 08 00:41 2211 Sep 08 13:20	0° <b>ഫ</b>	
-LL 22					00 13.20	- <del>-</del>	

max. Earth dist.	2211 Oct 02 15:22	15° <b>≙</b> 37'56	2.61714 AU		2216 Aug 03 05:06	0ංම	
conjunction	2211 Oct 24 01:13	29° <b>≏</b> 49'15	0024150		2216 Sep 18 13:25 2216 Nov 10 05:08	0° <b>Ω</b> 0° <b>m</b>	
minimum elong	2211 Oct 24 01:13 2211 Oct 24 02:03	29° <b>£</b> 4913		retrograde	2217 Jan 24 08:13	23° Mp 47'09	
minimum clong	2211 Oct 24 02:03 2211 Oct 24 07:39	0°M	0 2437	opposition	2217 Jun 24 08:13 2217 Mar 05 04:42	14° Mp 17'43	4°11'39
desc. node	2211 Dec 07 06:16	0° <b>×</b> 705'09		greatest brilliancy	2217 Mar 05 09:38	14° Mp 12'49	-1.3m
dese. node	2211 Dec 07 03:20	0° <b>⊼</b>		min. Earth dist.	2217 Mar 06 17:13	13° <b>m</b> ) 41'28	0.67578 AU
morning rise	2211 Dec 09 23:16	1° <b>≯</b> 759'05		direct	2217 Apr 15 09:07	4° m/20'33	
C	2212 Jan 18 02:45	0°ರ			2217 Jul 03 19:02	0∘ <u>⊽</u>	
	2212 Feb 27 13:52	0°≈		desc. node	2217 Jul 29 03:30	14° <b>ഫ</b> 00'30	
	2212 Apr 07 01:27	0° <b>)</b> €			2217 Aug 24 10:13	0°M₊	
	2212 May 16 08:25	$0$ ° $\mathbf{Y}$			2217 Oct 08 07:15	0° <b>∡</b> ¹	
	2212 Jun 25 14:12	$9^{\circ}$ 8			2217 Nov 18 13:19	0°ප	
	2212 Aug 07 18:34	$\Pi^{\circ}0$			2217 Dec 27 15:30	0° <b>≈</b>	
	2212 Sep 29 06:36	$0$ $\circ$ $\odot$			2218 Feb 03 17:16	0° <b>∀</b>	
asc. node	2212 Oct 07 00:39	3° <b>©</b> 21'55		evening set	2218 Feb 07 02:11	2° <b>)</b> 40′03	
retrograde	2212 Nov 15 07:29	12° <b>©</b> 21'59			2218 Mar 13 19:28	$0^{\circ}$ Y	
min. Earth dist.	2212 Dec 18 10:44	4°958'53	0.57949 AU		2210 1 16 01 22	2500042150	0005150
opposition	2212 Dec 24 13:13	2°934'55	3°17'01	conjunction	2218 Apr 16 04:33	25° <b>Y</b> 43'58 25° <b>Y</b> 48'22	
greatest brilliancy	2212 Dec 23 18:43	2°©53'07 30°R∏	-1.8m	minimum elong	2218 Apr 16 06:52 2218 Apr 21 19:48	0° <b>8</b>	0°27'58
direct	2212 Dec 31 07:50 2213 Jan 30 06:51	24° <b>∏</b> 09'48		asc. node	2218 May 29 21:30	28° <b>8</b> 07'55	
direct	2213 Jan 30 00:31 2213 Mar 04 11:20	0°9		asc. nouc	2218 Jun 01 11:40	0°II	
	2213 May 09 22:32	$0^{\circ}\Omega$		max. Earth dist.	2218 Jun 04 15:22		2.45333 AU
	2213 Jul 01 20:32	0° <b>m</b> )		morning rise	2218 Jun 19 08:15	12° <b>∏</b> 42'41	
	2213 Aug 19 19:07	0∘ <u>⊽</u>		C	2218 Jul 14 07:03	0ංම	
	2213 Oct 04 20:27	0°M			2218 Aug 28 12:54	$0^{\circ}\Omega$	
evening set	2213 Oct 16 13:42	7° <b>M</b> 55'19			2218 Oct 15 16:31	0° <b>m</b>	
desc. node	2213 Oct 24 05:22	13°M09'41			2218 Dec 07 21:04	0∘ <b>亚</b>	
max. Earth dist.	2213 Nov 01 03:43	18°M38'40	2.51490 AU	retrograde	2219 Mar 02 11:18	27° <b>≏</b> 55'32	
	2213 Nov 17 07:47	0°⊀		opposition	2219 Apr 09 19:55	19° <b>≏</b> 14'49	2°32'25
		_		greatest brilliancy	2219 Apr 10 08:15	19° <b>≙</b> 02'58	-1.5m
conjunction	2213 Dec 05 17:08	13° <b>∡</b> 11'39		min. Earth dist.	2219 Apr 15 03:19	17° <b>£</b> 12'08	0.62552 AU
minimum elong	2213 Dec 05 15:59	13° <b>₹</b> 09'33	0°25'04	direct	2219 May 21 01:27	9° <b>£</b> 16'58	
morning rise	2213 Dec 28 13:50 2214 Jan 30 02:25	0°る 24°る35'00		desc. node	2219 Jun 16 01:39 2219 Jul 26 23:12	13° <b>ഫ</b> 08'31 0° <b>M</b>	
morning rise	2214 Jan 30 02:23 2214 Feb 06 03:38	24 <b>3</b> 33 00 0 ∞			2219 Sep 15 05:18	0° <b>⊼</b> 7	
	2214 Mar 16 17:56	0° <b>∺</b>			2219 Sep 13 03:18 2219 Oct 28 00:34	0°ਤ	
	2214 Mar 10 17:30 2214 Apr 24 04:28	0° <b>Υ</b>			2219 Dec 06 17:07	0° <b>≈</b>	
	2214 Jun 02 09:07	0°8			2220 Jan 14 03:20	0° <b>)</b> €	
	2214 Jul 13 09:01	0° <b>I</b> I			2220 Feb 21 13:57	$0^{\circ}\mathbf{\Upsilon}$	
asc. node	2214 Aug 25 00:11	28° <b>Ⅱ</b> 56'38			2220 Apr 01 00:23	$9^{\circ}$ 8	
	2214 Aug 26 15:33	$0$ $\circ$ $\odot$		asc. node	2220 Apr 15 21:30	11° <b>8</b> 01'13	
	2214 Oct 17 01:47	$0^{\circ}\Omega$		evening set	2220 Apr 16 04:14	11° <b>8</b> 13'35	
retrograde	2214 Dec 21 22:19	20° <b>Ω</b> 15'34			2220 May 12 03:03	$\Pi^{\circ}0$	
min. Earth dist.	2215 Jan 28 17:53		0.65987 AU				
opposition	2215 Jan 31 02:36	10° <b>Ω</b> 20'11	4°31'19	conjunction	2220 Jun 13 14:49	22° <b>Ⅱ</b> 43'44	
greatest brilliancy	2215 Jan 30 16:47	10° <b>Ω</b> 30'03	-1.4m	minimum elong	2220 Jun 13 13:10	22° <b>II</b> 40'53	0°34'55
direct	2215 Mar 11 17:36 2215 Jun 07 06:24	0° <b>£</b> 53'56		F4b 4i-4	2220 Jun 24 06:21 2220 Jul 12 04:12	0.ಲ 130	2.57729 AU
	2215 Jul 30 08:58	0 <b>் ⊽</b> 0° M		max. Earth dist. morning rise	2220 Jul 12 04.12 2220 Aug 05 00:51	12 \$03 19 27°\$47'53	2.31129 AU
desc. node	2215 Sep 11 04:56	0 <b>=</b> 27° <b>⊆</b> 03'08		morning risc	2220 Aug 08 09:56	0°Ω	
dese. Hode	2215 Sep 11 04:30 2215 Sep 15 16:12	0°M			2220 Sep 24 08:55	0° <b>m</b> p	
	2215 Oct 29 08:12	0° <b>∡</b> 7			2220 Nov 12 03:27	0∘ <b>ಹ</b>	
evening set	2215 Dec 04 05:34	26° <b>х</b> 11′03			2221 Jan 02 22:45	0° <b>M</b>	
Č	2215 Dec 09 07:48	8°0			2221 Mar 07 02:55	0° <b>∡</b> ¹	
max. Earth dist.	2215 Dec 30 13:36	16° <b>る</b> 09'02	2.38792 AU	retrograde	2221 Apr 16 21:28	8° <b>∡</b> 16'51	
	2216 Jan 17 11:03	0° <b>≈</b>		desc. node	2221 May 03 00:49	6° <b>∡</b> ³37'54	
				opposition	2221 May 22 04:58	0° <b>∡</b> 759′28	
conjunction	2216 Feb 02 15:29	12° <b>≈</b> 40′12		greatest brilliancy	2221 May 22 11:40	0° <b>≯</b> 53'30	-2.1m
minimum elong	2216 Feb 02 14:45	12° <b>≈</b> 38'46	1°04'16		2221 May 24 23:40	30°RM₁	
	2216 Feb 24 15:04	0° <b>)</b> €		min. Earth dist.	2221 May 30 10:13	28°M04'51	0.51559 AU
	2216 Apr 02 17:43	0°Υ 7°Υ25124		direct	2221 Jun 30 00:47	22°M03'51	
morning rise	2216 Apr 12 11:28	7° <b>Υ</b> 35'24			2221 Aug 05 14:40	0°⊀ 0° <b>≍</b>	
	2216 May 11 16:08	0°Ⅱ 8°0			2221 Sep 29 10:45	0°る 0°≈	
asc. node	2216 Jun 21 05:48 2216 Jul 11 22:09	14° <b>∏</b> 40'52			2221 Nov 11 06:32 2221 Dec 21 06:29	0° <b>∺</b>	
asc. nouc	2210 Jul 11 22.09	17 <b>114</b> 0 32			2221 DCC 21 00.29	υ <b>Λ</b>	

	2222 Jan 29 20:54	$0^{\circ}\mathbf{\Upsilon}$			2226 Dec 14 07:46	0° <b>∡</b> 7	
asc. node	2222 Mar 03 19:45	24° <b>Υ</b> 30'08		desc. node	2226 Dec 23 22:22	6° <b>√</b> 41'44	
	2222 Mar 11 08:16	0°8			2227 Jan 25 18:13	0° <b>ප</b>	
	2222 Apr 22 09:42	0°II			2227 Mar 07 18:47	0° <b>≈</b>	
	2222 Jun 05 07:43	0°ಅ			2227 Apr 16 20:49	0° <b>)</b> €	
evening set	2222 Jun 07 17:49	1°537'08			2227 May 26 20:06	$_{0}^{\circ}\gamma$	
844	2222 Jul 20 21:54	$0^{\circ}\Omega$			2227 Jul 07 03:26	0°8	
					2227 Aug 22 05:12	0° <b>I</b> I	
conjunction	2222 Jul 27 21:06	4° <b>Ω</b> 30'23	1°05'30	asc. node	2227 Oct 24 16:49	24° <b>Ⅱ</b> 42'34	
minimum elong	2222 Jul 27 20:19	4° <b>Ω</b> 29'07	1°05'30	retrograde	2227 Oct 31 03:44	25° <b>Ⅱ</b> 00'17	
max. Earth dist.	2222 Aug 07 18:28	11° <b>Ω</b> 31'16	2.65390 AU	min. Earth dist.	2227 Dec 01 03:38	18° <b>Ⅲ</b> 24'13	0.53295 AU
	2222 Sep 05 16:30	0° <b>m</b> p		opposition	2227 Dec 08 11:50	15° <b>Ⅲ</b> 36′08	2°09'11
morning rise	2222 Sep 12 07:44	4° <b>m</b> 13'01		greatest brilliancy	2227 Dec 07 20:40	15° <b>Ⅲ</b> 50′38	-2.0m
	2222 Oct 23 02:12	0° <b>ت</b>		direct	2228 Jan 12 17:16	7° <b>Ⅱ</b> 47'05	
	2222 Dec 09 20:45	o° <b>m</b> ₊			2228 Mar 24 20:30	0°€	
	2223 Jan 27 09:08	0° <b>∡</b> ¹			2228 May 19 19:43	$0^{\circ}\Omega$	
	2223 Mar 19 06:45	ರ°ರ			2228 Jul 09 16:34	O° Mp	
desc. node	2223 Mar 21 00:09	0°る57'57			2228 Aug 26 22:36	0∘ <b>ত</b>	
	2223 May 21 09:27	0° <b>≈</b>		evening set	2228 Sep 30 12:12	22° <b>≙</b> 27'10	
retrograde	2223 Jun 23 16:20	6° <b>≈</b> 05'48			2228 Oct 11 19:56	$0^{\circ}$ M	
opposition	2223 Jul 24 08:13	0° <b>≈</b> 53'42	-6°12'29	max. Earth dist.	2228 Oct 19 00:41	4°M50'56	2.56041 AU
greatest brilliancy	2223 Jul 25 10:27	0° <b>≈</b> 35'15	-2.8m	desc. node	2228 Nov 09 21:26	19°M50'10	
	2223 Jul 27 12:29	30°Ŗ₹					
min. Earth dist.	2223 Jul 29 11:08	29° <b>පි</b> 27'26	0.39186 AU	conjunction	2228 Nov 17 10:43	25°M06'11	-0°04'31
direct	2223 Aug 25 12:19	25° <b>る</b> 03'49		minimum elong	2228 Nov 17 10:30	25°M05'49	0°04'31
	2223 Sep 22 02:40	0° <b>≈</b>		behind sun begin	2228 Nov 16 14:22	24°M30'36	
	2223 Nov 18 22:45	0° <b>)</b> €		behind sun end	2228 Nov 18 06:38	25°M41'04	
	2224 Jan 03 02:46	$0$ ° $\Upsilon$			2228 Nov 24 09:47	0° <b>∡</b> ¹	
asc. node	2224 Jan 19 18:14	11° <b>Y</b> 24'20			2229 Jan 04 21:37	ರ°0	
	2224 Feb 15 20:45	$_{0\circ}$ 8		morning rise	2229 Jan 07 12:19	1° <b>る</b> 55'59	
	2224 Mar 31 04:38	$\Pi^{\circ}0$			2229 Feb 13 18:25	0° <b>≈</b>	
	2224 May 15 17:04	$0$ $\circ$ $\odot$			2229 Mar 24 15:15	0° <b>∀</b>	
	2224 Jul 01 07:42	$0$ $^{\circ}\Omega$			2229 May 02 07:14	$0$ ° $\Upsilon$	
evening set	2224 Jul 18 07:43	10° <b>Ω</b> 49'45			2229 Jun 10 17:34	$8^{\circ}$ 0	
	2224 Aug 17 11:52	0° mp			2229 Jul 22 04:00	$\Pi$ $^{\circ}0$	
max. Earth dist.	2224 Aug 30 02:49	8° <b>™</b> 01'28	2.67611 AU		2229 Sep 05 18:59	0ංම	
				asc. node	2229 Sep 10 15:05	2° <b>©</b> 55'16	
conjunction	2224 Sep 02 13:44	10° <b>m</b> 13'21	1°05'20		2229 Nov 04 07:52	$0$ $^{\circ}\Omega$	
minimum elong	2224 Sep 02 14:24	10° <b>m</b> 14'24	1°05'20	retrograde	2229 Dec 08 06:24	6° <b>Ω</b> 35'13	
	2224 Oct 03 12:47	0° <b>⊽</b>			2230 Jan 08 17:05	30° <b>₹</b> 🥯	
morning rise	2224 Oct 16 21:42	8° <b>≏</b> 36'03		min. Earth dist.	2230 Jan 13 09:30	28° <b>©</b> 10'14	0.63584 AU
	2224 Nov 18 20:50	0° <b>M</b> .		opposition	2230 Jan 17 06:29	26° <b>©</b> 37'07	4°16'15
	2225 Jan 03 06:12	0° <b>∡</b> ¹		greatest brilliancy	2230 Jan 16 15:33	26° <b>©</b> 52'04	-1.5m
desc. node	2225 Feb 04 22:56	22° <b>҂</b> 00'05		direct	2230 Feb 24 22:08	17° <b>©</b> 30'32	
	2225 Feb 16 17:38	0°ರ			2230 Apr 17 20:45	$0^{\circ}\Omega$	
	2225 Apr 01 13:42	0° <b>≈</b>			2230 Jun 17 10:24	O° My	
	2225 May 15 12:53	0° <b>∀</b>			2230 Aug 07 08:06	0∘ <b>ত</b>	
	2225 Jul 01 10:47	$0^{\circ}\mathbf{\Upsilon}$			2230 Sep 23 00:23	0°M₊	
retrograde	2225 Sep 08 11:00	25° <b>Y</b> 07'59		desc. node	2230 Sep 27 20:02	3°M13'26	
min. Earth dist.	2225 Oct 05 01:01	20° <b>Ƴ</b> 33'06			2230 Nov 05 13:34	0°⊀	
opposition	2225 Oct 11 22:33	18° <b>Y</b> 25'49		evening set	2230 Nov 13 14:29	5° <b>∡</b> 144'52	
greatest brilliancy	2225 Oct 11 04:39	18° <b>Ƴ</b> 39'37	-2.8m	max. Earth dist.	2230 Nov 29 09:24		2.43646 AU
direct	2225 Nov 11 10:55	12° <b>Y</b> 48'54			2230 Dec 16 15:04	0°る	
asc. node	2225 Dec 06 18:25	16° <b>Ƴ</b> 39'42					
							0054110
	2226 Jan 09 08:30	0°8		conjunction	2231 Jan 08 02:39	17° <b>る</b> 02'25	
	2226 Mar 05 03:32	$\Pi^{\circ}0$		conjunction minimum elong	2231 Jan 08 00:34	16° <b>ප්</b> 58'27	
	2226 Mar 05 03:32 2226 Apr 24 00:08	$0$ ಂ $\mathbb{I}$		-	2231 Jan 08 00:34 2231 Jan 24 21:54	16° <b>ප්</b> 58'27 0° <b>≈</b>	
	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22	0°Ω 0°9 1°0		minimum elong	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12	16° <b>ප</b> 58'27 0°≈ 0°¥	
	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31	0° N 0° S 0° N 0° M		-	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33	16°る58'27 0°≈ 0°升 7°升29'33	
evening set	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27	0°Ⅱ 0°ᢒ 0°Ω 0°晌 16°晌04'45		minimum elong	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50	16°る58'27 0°≈ 0°升 7°升29'33 0° <b>°</b>	
	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27 2226 Sep 15 09:18	0°II 0°ടാ 0°A 0°M 16°M04'45 0°മ		minimum elong	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07	16°♂58'27 0°≈ 0°₩ 7°₩29'33 0°Ψ 0°8	
evening set max. Earth dist.	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27	0°II 0°ടാ 0°A 0°M 16°M04'45 0°മ	2.64415 AU	minimum elong morning rise	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07 2231 Jun 30 00:03	16°₹58'27 0°≈ 0°₩ 7°₩29'33 0°Ψ 0°₩ 0°₩	
max. Earth dist.	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27 2226 Sep 15 09:18 2226 Sep 22 15:24	0°П 0°© 0°Л 0°М 16°М04'45 0°Ω 4°Ω40'50		minimum elong	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07 2231 Jun 30 00:03 2231 Jul 29 15:18	16°₹58'27 0°≈ 0°¥ 7°¥29'33 0°Υ 0°¥ 0°Ⅱ 20°Ⅱ48'35	
max. Earth dist.	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27 2226 Sep 15 09:18 2226 Sep 22 15:24 2226 Oct 09 02:33	0° II 0° © 0° ብ 0° የዕ 16° የዕ 04'45 0° Ω 4° Ω 40'50	0°40'23	minimum elong morning rise	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07 2231 Jun 30 00:03 2231 Jul 29 15:18 2231 Aug 12 05:22	16°₹58'27 0°≈ 0°¥ 7°¥29'33 0°Y 0°8 0°Ⅱ 20°Ⅱ48'35	
max. Earth dist.	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27 2226 Sep 15 09:18 2226 Sep 22 15:24 2226 Oct 09 02:33 2226 Oct 09 03:39	0° II 0° © 0° Ω 0° ™ 16° ™ 04'45 0° Ω 4° Ω 40'50 15° Ω 23'39 15° Ω 25'27	0°40'23	minimum elong morning rise	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07 2231 Jun 30 00:03 2231 Jul 29 15:18 2231 Aug 12 05:22 2231 Sep 28 14:19	16°₹58′27 0°≈ 0° ₩ 7° ₩29′33 0° Ψ 0° ₩ 0° ₩ 20° Щ48′35 0° \$\mathref{O}\$	
max. Earth dist.	2226 Mar 05 03:32 2226 Apr 24 00:08 2226 Jun 11 20:22 2226 Jul 30 02:31 2226 Aug 24 14:27 2226 Sep 15 09:18 2226 Sep 22 15:24 2226 Oct 09 02:33	0° II 0° © 0° ብ 0° የዕ 16° የዕ 04'45 0° Ω 4° Ω 40'50	0°40'23	minimum elong morning rise	2231 Jan 08 00:34 2231 Jan 24 21:54 2231 Mar 04 05:12 2231 Mar 13 17:33 2231 Apr 11 09:50 2231 May 20 09:07 2231 Jun 30 00:03 2231 Jul 29 15:18 2231 Aug 12 05:22	16°₹58'27 0°≈ 0°¥ 7°¥29'33 0°Y 0°8 0°Ⅱ 20°Ⅱ48'35	

opposition	2232 Feb 21 01:04	1° m 25'32	4°28'32		2237 Feb 07 09:54	0° <b>Υ</b>	
greatest brilliancy	2232 Feb 21 00:23	1° Mp 26'12			2237 Mar 19 08:17	0°8	
min. Earth dist.	2232 Feb 21 00:57	1° m/25'38		asc. node	2237 Mar 20 12:22	0° <b>8</b> 51'44	
	2232 Feb 24 15:00	30°R <b>Ω</b>			2237 Apr 29 22:16	0°II	
direct	2232 Apr 01 18:39	21° <b>Ω</b> 37'22		evening set	2237 May 20 01:51	14° <b>Ⅱ</b> 03'16	
	2232 May 13 00:37	0° <b>m</b>		· ·	2237 Jun 12 10:55	0ಂತಾ	
	2232 Jul 14 13:10	$0$ o $\overline{\mathbf{v}}$					
desc. node	2232 Aug 14 18:44	18° <b>≏</b> 33'45		conjunction	2237 Jul 11 19:46	19° <b>©</b> 33'03	0°57'42
	2232 Sep 01 19:18	$0^{\circ}$ M		minimum elong	2237 Jul 11 18:25	19° <b>5</b> 30'49	0°57'41
	2232 Oct 16 01:13	0°⊀			2237 Jul 27 19:16	$0^{\circ}\Omega$	
	2232 Nov 26 03:16	8°0		max. Earth dist.	2237 Jul 29 00:26	0° <b>Ω</b> 47'24	2.63034 AU
	2233 Jan 04 05:04	0° <b>≈</b>		morning rise	2237 Aug 29 00:38	20° <b>Ω</b> 45'07	
evening set	2233 Jan 10 07:57	4°≈47'23			2237 Sep 12 13:34	0° <b>m</b>	
	2233 Feb 11 07:02	0° <b>∀</b>			2237 Oct 30 07:55	0∘ <b>亚</b>	
	2222.16 16 15 27	270\/ 52154	0051155		2237 Dec 18 03:45	0°M 0°. <b>⊼</b>	
conjunction	2233 Mar 18 15:37	27° <del>X</del> 52'54		1 1	2238 Feb 07 07:30	0° <b>⊼</b> ¹	
minimum elong	2233 Mar 18 18:50	27° <b>¥</b> 59'11 0° <b>Ƴ</b>	0°51′53	desc. node	2238 Apr 06 15:52	29° <b>₹</b> 11'04	
	2233 Mar 21 08:35	0° <b>8</b>		ratra ara da	2238 Apr 08 16:32	0°る 10°る32'22	
max. Earth dist.	2233 Apr 29 07:12 2233 May 07 16:05		2.39993 AU	retrograde opposition	2238 May 24 19:28 2238 Jun 26 07:37	4°る31'53	<b>/</b> 011'10
morning rise	2233 May 26 16:50	20° <b>8</b> 25'20	2.39993 AU	greatest brilliancy	2238 Jun 27 10:58	4°る10'27	
morning risc	2233 Jun 08 20:50	0°Ⅱ		min. Earth dist.	2238 Jul 04 05:38	2°る03'48	0.43440 AU
asc. node	2233 Jun 15 14:44	4° <b>∏</b> 50'44		mm. Earth dist.	2238 Jul 11 13:10	30°R. <b>₹</b>	0.45440710
use. Houe	2233 Jul 21 15:21	0°9		direct	2238 Jul 31 14:09	27°×718'05	
	2233 Sep 05 02:32	$0^{\circ}\Omega$			2238 Aug 20 16:29	0°ਰ	
	2233 Oct 24 06:29	0° <b>m</b> )			2238 Oct 20 20:15	0° <b>≈</b>	
	2233 Dec 21 03:14	0∘ <u>⊽</u>			2238 Dec 03 18:50	0° <b>∀</b>	
retrograde	2234 Feb 15 09:05	14° <b>≏</b> 28′08			2239 Jan 14 10:42	$0^{\circ}$ $\Upsilon$	
opposition	2234 Mar 26 11:22	5° <b>≏</b> 25'10	3°21'06	asc. node	2239 Feb 05 10:59	15° <b>Y</b> ′50'22	
greatest brilliancy	2234 Mar 26 22:32	5° <b>≏</b> 14'14	-1.4m		2239 Feb 25 08:22	$9^{\circ}$ 8	
min. Earth dist.	2234 Mar 30 07:40	3° <b>ჲ</b> 54'53	0.65294 AU		2239 Apr 09 11:51	$\Pi$ $^{\circ}0$	
	2234 Apr 10 00:55	30°R M⊅			2239 May 24 05:09	$0$ $\circ$	
direct	2234 May 06 21:31	25° Mp 22'51		evening set	2239 Jul 03 23:00	26° <b>©</b> 32'38	
	2234 Jun 04 22:50	0∘ <b>⊽</b>			2239 Jul 09 07:48	$0$ ° $\Omega$	
desc. node	2234 Jul 02 17:34	10° <b>Ω</b> 38'34				_	
	2234 Aug 08 11:46	0° <b>M</b> .		conjunction	2239 Aug 20 07:11	26° <b>Ω</b> 49'56	1°08'36
	2234 Sep 24 13:47	0° <b>∡</b> 7		minimum elong	2239 Aug 20 07:21	26° <b>Ω</b> 50'13	1°08'36
	2234 Nov 05 12:25	ව°0 0°3		max. Earth dist.	2239 Aug 22 07:55	28° <b>Ω</b> 07'30	2.67405 AU
	2234 Dec 14 20:46	0° <b>∞</b>			2239 Aug 25 06:37	0°M)	
	2235 Jan 22 01:57 2235 Mar 01 07:43	0° <b>∀</b> 0° <b>Υ</b>		morning rise	2239 Oct 04 01:33 2239 Oct 11 09:08	25°Mp19'57 0° <b>₽</b>	
evening set	2235 Mar 22 23:07	0 γ 16° <b>Υ</b> 41'18			2239 Nov 27 03:24	0 <b>==</b> 0°M	
evening set	2235 Apr 09 12:49	0°8			2240 Jan 12 09:59	0° <b>⊼</b>	
asc. node	2235 May 03 13:05	17° <b>8</b> 47'35		desc. node	2240 Feb 22 15:36	26° <b>₹</b> 53'35	
use. noue	2235 May 20 09:55	0°Ⅱ		dese. Hode	2240 Feb 27 10:00	0°궁	
	,				2240 Apr 13 20:35	0° <b>≈</b>	
conjunction	2235 May 24 19:39	3° <b>Ⅱ</b> 08'52	0°13'31		2240 Jun 02 08:13	0° <b>∀</b>	
minimum elong	2235 May 24 18:45	3° <b>Ⅱ</b> 07'17	0°13'30	retrograde	2240 Aug 11 22:21	24° <b>)</b> 38′27	
behind sun begin	2235 May 24 05:33	2° <b>Ⅱ</b> 43'46		min. Earth dist.	2240 Sep 08 19:02	20° <b>₭</b> 05'08	0.37559 AU
behind sun end	2235 May 25 07:57	3°耳30′48		opposition	2240 Sep 11 18:44	19° <b>¥</b> 16′20	-6°00'50
max. Earth dist.	2235 Jun 30 17:11	28° <b>Ⅲ</b> 52'45	2.53367 AU	greatest brilliancy	2240 Sep 11 08:13	19° <b>¥</b> 23'30	-2.9m
	2235 Jul 02 08:38	$0$ $\circ$ $\odot$		direct	2240 Oct 11 07:17	14° <b>) (</b> 19′44	
morning rise	2235 Jul 20 02:20	11° <b>©</b> 58'11			2240 Dec 04 16:31	0° <b>Υ</b>	
	2235 Aug 16 11:00	$0$ $^{\circ}$ $\Omega$		asc. node	2240 Dec 23 09:30	9° <b>Y</b> 45'27	
	2235 Oct 02 16:40	0° <b>m</b> y			2241 Jan 26 23:20	0° <b>8</b>	
	2235 Nov 21 12:55	0∘ <b>⊽</b>			2241 Mar 16 01:30	0°II	
matera J	2236 Jan 16 04:24	0°M			2241 May 02 13:42	ია <b>ი</b> 0ა <b>©</b>	
retrograde	2236 May 03 10:51	21°M30'30	0041142		2241 Jun 19 07:14	0° <b>Ω</b>	
opposition greatest brilliancy	2236 May 03 19:51 2236 May 04 01:03	13°M34'46 13°M29'57	0°41'42 -1.8m	evening set	2241 Aug 06 00:45 2241 Aug 10 07:11	0°Ту 2°Ту41'45	
min. Earth dist.	2236 May 11 03:03	13°11629'37 10°11629'37	-1.8m 0.56460 AU	max. Earth dist.	2241 Aug 10 07:11 2241 Sep 13 06:07	24° Mp 17'09	2.66316 AU
desc. node	2236 May 19 15:53	7°M59'07	0.20 <del>1</del> 00 AU	max. Dartii Uist.	2241 Sep 13 06.07 2241 Sep 22 03:45	24 IIJ1709 0° <b>Ω</b>	2.00310 AU
direct	2236 Jun 13 00:04	4°ML02'53			2271 Sep 22 03.43	· <b>–</b>	
	2236 Aug 26 00:28	0° <b>√</b>		conjunction	2241 Sep 24 17:50	1° <b>≏</b> 39'55	0°52'41
	2236 Oct 11 09:17	ි ව°0		minimum elong	2241 Sep 24 18:56	1° <b>Ω</b> 41'41	0°52'41
	2236 Nov 21 07:58	0° <b>≈</b>		, and the second	2241 Nov 07 02:57	0°M	
	2236 Dec 30 10:36	0° <b>)</b> €		morning rise	2241 Nov 08 07:33	0° <b>M</b> 47′25	

	2241 Dec 21 15:28	0°⊀		opposition	2247 Feb 07 19:56	18° <b>Ω</b> 24'30	4°33'53
desc. node	2242 Jan 09 13:45	13° <b>∡</b> 04'04		greatest brilliancy	2247 Feb 07 13:18	18° <b>Ω</b> 31′09	-1.3m
	2242 Feb 02 17:00	0°る		direct	2247 Mar 19 21:50	8° <b>Ω</b> 49'29	
	2242 Mar 16 12:35	0° <b>≈</b>			2247 May 30 10:34	0° my	
	2242 Apr 26 12:49	0° <b>)</b> €			2247 Jul 24 18:10	0∘ <b>⊽</b>	
	2242 Jun 06 16:54	0° <b>Υ</b>		desc. node	2247 Sep 01 10:09	23° <b>£</b> 58'30	
	2242 Jul 20 08:05	8°0			2247 Sep 10 16:03	0°M 0°. <b>₹</b>	
. 1	2242 Sep 15 19:36	0°II			2247 Oct 24 13:13	0° <b>₹</b>	
retrograde	2242 Oct 13 00:51	4° <b>Ⅱ</b> 53'35			2247 Dec 04 14:06	0°る	
asc. node	2242 Nov 08 08:33 2242 Nov 10 09:16	30°R <b>と</b> 29° <b>と</b> 18'21		evening set	2247 Dec 17 02:46	9°る28'47 0°≈	
min. Earth dist.	2242 Nov 10 09:10 2242 Nov 10 18:56	29° <b>8</b> 09'55	0.48063 AU	max. Earth dist.	2248 Jan 12 17:07 2248 Feb 07 10:56		2.37113 AU
opposition	2242 Nov 10 18.30 2242 Nov 18 22:57	29 <b>8</b> 0933		max. Earth dist.	2248 Feb 07 10.30	20 ≈12 36	2.3/113 AU
greatest brilliancy	2242 Nov 18 22.37 2242 Nov 18 19:04	26° <b>8</b> 16'44	-2.3m	conjunction	2248 Feb 18 08:37	28° <b>≈</b> 49'16	1004'11
direct	2242 Nov 18 19:04 2242 Dec 22 11:04	19° <b>8</b> 10'04	-2.3111	minimum elong	2248 Feb 18 09:31	28°≈51'04	
direct	2242 Bec 22 11:04 2243 Feb 06 09:08	0°II		minimum ciong	2248 Feb 19 20:24	0° <b>∀</b>	1 0411
	2243 Apr 07 15:26	0°©			2248 Mar 28 22:09	0°Υ	
	2243 May 29 13:51	0° <b>U</b>		morning rise	2248 Apr 29 06:45	24°Υ15'50	
	2243 Jul 18 03:19	0° m/y		morning rise	2248 May 06 19:44	0°8	
	2243 Sep 03 21:51	0∘ <b>ಹ</b>			2248 Jun 16 08:10	0°II	
evening set	2243 Sep 16 10:10	8° <b>ჲ</b> 03'45		asc. node	2248 Jul 02 06:35	11° <b>∏</b> 22'44	
max. Earth dist.	2243 Oct 08 16:26		2.59895 AU		2248 Jul 29 03:49	0°೯	
man. Darun uibt.	2243 Oct 19 17:22	0°M	2.09090110		2248 Sep 13 01:11	$0^{\circ}\Omega$	
					2248 Nov 02 22:40	0° m)	
conjunction	2243 Nov 01 22:47	8°M55'20	0°14'48		2249 Jan 15 19:52	0∘ <u>v</u>	
minimum elong	2243 Nov 01 23:20	8°M56'15	0°14'48	retrograde	2249 Feb 01 05:15	1° <b>£</b> 32'32	
behind sun begin	2243 Nov 01 15:17	8°M42'36		C	2249 Feb 16 15:28	30°R ₩	
behind sun end	2243 Nov 02 07:23	9° <b>M</b> 09'55		opposition	2249 Mar 12 20:13	22° m/11'28	3°56'29
desc. node	2243 Nov 27 12:35	26°M32'23		greatest brilliancy	2249 Mar 13 03:47	22° m 03'59	
	2243 Dec 02 11:11	0° <b>∡</b> 7		min. Earth dist.	2249 Mar 15 04:33	21° Mp 15'46	
morning rise	2243 Dec 20 00:57	12° <b>₹</b> 27'20		direct	2249 Apr 23 04:02	12° Mp 11'12	
-	2244 Jan 13 06:28	0°ರ			2249 Jun 25 07:38	0∘ <b>⊽</b>	
	2244 Feb 22 12:18	0° <b>≈</b>		desc. node	2249 Jul 19 08:48	12° <b>≙</b> 19'45	
	2244 Apr 01 18:14	0° <b>)</b> €			2249 Aug 18 12:57	$0^{\circ}$ M	
	2244 May 10 18:47	$0$ ° $\mathbf{\gamma}$			2249 Oct 03 01:35	0° <b>∡</b> ¹	
	2244 Jun 19 15:23	0°8			2249 Nov 13 13:02	8°0	
	2244 Jul 31 22:18	$\Pi^{\circ}0$			2249 Dec 22 17:20	0° <b>≈</b>	
	2244 Sep 18 11:51	0ංම			2250 Jan 29 20:14	0° <b>∀</b>	
asc. node	2244 Sep 27 08:53	4° <b>5</b> 39'24		evening set	2250 Feb 23 05:45	19° <b>)</b> 14'41	
retrograde	2244 Nov 23 22:06	21° <b>9</b> 50′10			2250 Mar 08 23:17	$0^{\circ}$ Y	
min. Earth dist.	2244 Dec 28 04:08	14° <b>©</b> 03'44	0.60186 AU		2250 Apr 17 00:37	$9^{\circ}$ 8	
opposition	2245 Jan 02 12:16	11° <b>©</b> 56'35	3°44'43				
greatest brilliancy	2245 Jan 01 18:04	12° <b>©</b> 14'40	-1.6m	conjunction	2250 May 01 01:01	10° <b>8</b> 29'28	
direct	2245 Feb 08 23:28	3°515'11		minimum elong	2250 May 01 02:01	10° <b>8</b> 31'20	0°12'29
	2245 May 02 12:26	$0$ $^{\circ}$ $\Omega$		behind sun begin	2250 Apr 30 08:56	9° <b>8</b> 59'37	
	2245 Jun 26 08:12	0° <b>m</b>		behind sun end	2250 May 01 19:06	11° <b>8</b> 03'02	
	2245 Aug 14 21:29	0∘ <b>亚</b>		asc. node	2250 May 20 06:02	24° <b>8</b> 35'53	
dogo rada	2245 Sep 30 04:10	0°M,		mov Eth U t	2250 May 27 17:25	0° <b>Π</b>	2 40210 411
desc. node	2245 Oct 14 11:43	9°M40'18		max. Earth dist.	2250 Jun 15 12:12		2.48318 AU
evening set	2245 Oct 26 05:59	17°M45'48	2 40700 411	morning rise	2250 Jul 01 04:19	24°∏16′23 0°©	
max. Earth dist.	2245 Nov 09 22:56		2.48780 AU		2250 Jul 09 12:36		
	2245 Nov 12 16:38	0° <b>∡</b> ¹			2250 Aug 23 15:33 2250 Oct 10 08:15	0° <b>№</b>	
aaniunatian	2245 Dec. 16, 22:49	24° <b>₹</b> 52'25	0°26'40			0∘ <b>ʊ</b> 0 ıñ	
conjunction minimum elong	2245 Dec 16 23:48 2245 Dec 16 22:07	24° <b>×</b> ' 52' 25 24° <b>×</b> ' 49' 19			2250 Nov 30 21:51 2251 Feb 04 02:24	0° <b>11</b>	
minimum ciong	2245 Dec 23 21:20	24 <b>メ</b> ・4919	0 3039	retrograde	2251 Mar 11 15:27	6°M25'55	
	2246 Feb 01 08:40	0°≈		renograde	2251 Mai 11 13.27 2251 Apr 13 02:07	ი IIC23 33 30°Ŗ <b>Ω</b>	
morning rise	2246 Feb 13 09:27	9° <b>≈</b> 19'37		opposition	2251 Apr 18 11:31	27° <b>£</b> 59'23	1°57'00
morning 1150	2246 Mar 11 20:14	9 <b>≈</b> 1937		greatest brilliancy	2251 Apr 18 11:31 2251 Apr 18 22:42	27° <b>⊆</b> 3923 27° <b>⊆</b> 48'43	-1.6m
	2246 Apr 19 04:00	0° <b>Υ</b>		min. Earth dist.	2251 Apr 18 22:42 2251 Apr 24 13:00	27 <b>≅</b> 4843 25° <b>£</b> 40'47	
	2246 May 28 05:45	0°8		direct	2251 Apr 24 13:00 2251 May 29 10:46	23 <b>=</b> 4047 18° <b>⊆</b> 07'26	0.00021 AU
	2246 Jul 08 00:42	0°II		desc. node	2251 Jun 06 08:21	18° <b>⊆</b> 0720	
asc. node	2246 Aug 15 07:17	26° <b>∏</b> 24'24		dose, node	2251 Jul 16 06:38	0°M	
300. 11000	2246 Aug 20 18:07	20 <b>H</b> 2+2+ 0°ඉ			2251 Sep 08 14:48	0° <b>⊼</b> ¹	
	2246 Oct 09 01:18	$0^{\circ}\Omega$			2251 Oct 22 07:17	0°ਤ	
retrograde	2246 Dec 29 15:02	28° <b>Ω</b> 16'23			2251 Dec 01 07:58	0° <b>≈</b>	
min. Earth dist.	2247 Feb 06 07:12		0.66888 AU		2252 Jan 08 22:38	0° <b>∀</b>	
	20 00 07.12	-, 000121			00 22.00	- /\	

	2252 Feb 16 12:28	$0$ ° $\mathbf{V}$			2257 Feb 11 01:13	0°₹	
	2252 Mar 27 01:54	$B_{\circ 0}$			2257 Mar 25 23:57	0° <b>≈</b>	
asc. node	2252 Apr 06 03:47	7° <b>8</b> 27'35			2257 May 07 12:55	0° <b>∀</b>	
evening set	2252 Apr 29 05:40	24° <b>8</b> 13'59			2257 Jun 20 05:38	$0^{\circ}\mathbf{\Upsilon}$	
· ·	2252 May 07 07:30	$\Pi^{\circ}$			2257 Aug 10 18:41	0°8	
	2252 Jun 19 12:58	0°9		retrograde	2257 Sep 22 01:29	11° <b>8</b> 02'00	
	2232 Juli 1) 12.30	<b>0</b>		min. Earth dist.	2257 Oct 18 23:53		0.42924 AU
	2252 I 24 00-24	20617100	0944150			3° <b>8</b> 31'43	
conjunction	2252 Jun 24 09:34	3°517'09		opposition	2257 Oct 26 22:13	_	
minimum elong	2252 Jun 24 07:52	3° <b>©</b> 14'17		greatest brilliancy	2257 Oct 26 10:18	3° <b>8</b> 41'33	-2.6m
max. Earth dist.	2252 Jul 18 15:29		2.59857 AU		2257 Nov 07 16:09	30° <b>₹Ƴ</b>	
	2252 Aug 03 17:14	$0 {\circ} \Omega$		direct	2257 Nov 27 12:13	27° <b>Ƴ</b> 23'27	
morning rise	2252 Aug 14 01:23	6° <b>Ω</b> 42'32		asc. node	2257 Nov 27 01:48	27° <b>Y</b> 23′32	
	2252 Sep 19 13:12	0° m			2257 Dec 18 04:10	$8^{\circ}$	
	2252 Nov 06 20:36	0∘ <del>⊽</del>			2258 Feb 24 21:44	$\Pi^{\circ}0$	
	2252 Dec 27 06:50	0° <b>M</b>			2258 Apr 17 22:59	0°ಅ	
	2253 Feb 21 15:26	0° <b>⊼</b>			2258 Jun 06 15:58	$0 {\circ} \Omega$	
1 1							
desc. node	2253 Apr 23 07:10	19° <b>∡</b> 03'35			2258 Jul 25 07:40	0°Щ	
retrograde	2253 Apr 29 08:34	19° <b>∡</b> 16'56		evening set	2258 Sep 01 20:18	24° <b>m</b> 17'30	
opposition	2253 Jun 02 19:28	12° <b>∡</b> ¹24'21	-2°00'55		2258 Sep 10 18:13	0∘ <b>⊽</b>	
greatest brilliancy	2253 Jun 03 10:11	12° <b>√</b> 11'44	-2.2m	max. Earth dist.	2258 Sep 28 08:24	11° <b>≏</b> 22'43	2.63027 AU
min. Earth dist.	2253 Jun 11 06:56	9° <b>∡</b> ³30'45	0.48680 AU				
direct	2253 Jul 10 14:25	3° <b>҂</b> 757'57		conjunction	2258 Oct 17 13:45	24° <b>£</b> 00'16	0°31'45
	2253 Sep 20 03:39	0° <b>る</b>		minimum elong	2258 Oct 17 14:44	24° <b>♀</b> 01'52	
	2253 Nov 04 05:43	0° <b>≈</b>		minimum clong		0°M	0 31 43
					2258 Oct 26 14:06		
	2253 Dec 15 02:19	0° <b>∺</b>		morning rise	2258 Dec 02 17:16	25°M14'23	
	2254 Jan 24 04:41	$0^{\circ}\mathbf{\Upsilon}$			2258 Dec 09 13:52	0° <b>∡</b> ¹	
asc. node	2254 Feb 22 02:44	21° <b>Y</b> 20'34		desc. node	2258 Dec 14 03:48	3° <b>҂</b> 11'51	
	2254 Mar 06 00:39	$9^{\circ}$ 8			2259 Jan 20 18:58	8°0	
	2254 Apr 17 08:57	$\Pi^{\circ}0$			2259 Mar 02 12:23	0° <b>≈</b>	
	2254 May 31 12:02	0° <b>©</b>			2259 Apr 11 06:17	0° <b>∀</b>	
evening set	2254 Jun 17 16:03	11°522'13			2259 May 20 19:14	$0^{\circ}\Upsilon$	
evening sec	2254 Jul 16 05:35	0°Ω			2259 Jun 30 09:11	0°8	
	2234 Jul 10 03.33	0 06				0°II	
	2251 1 25 15 12	122 0 2 2 2 2 2 2	1005150		2259 Aug 13 09:20		
conjunction	2254 Aug 05 15:18	13° <b>Ω</b> 08'18			2259 Oct 10 12:33	0ංම	
minimum elong	2254 Aug 05 14:53	13° <b>Ω</b> 07'38	1°07'53	asc. node	2259 Oct 15 00:11	1° <b>©</b> 27'27	
max. Earth dist.	2254 Aug 13 05:17	17° <b>Ω</b> 59'43	2.66352 AU	retrograde	2259 Nov 09 13:38	5° <b>©</b> 37'18	
	2254 Sep 01 00:54	0° <b>m</b> )			2259 Dec 07 22:57	30° <b>Ŗ</b> Ⅱ	
morning rise	2254 Sep 20 07:49	12° Mp 15'37		min. Earth dist.	2259 Dec 11 18:34	28° <b>Ⅱ</b> 34'34	0.55951 AU
C	2254 Oct 18 07:10	0∘ <del>⊽</del>		opposition	2259 Dec 18 11:14	25° <b>Ⅱ</b> 58'17	2°52'07
	2254 Dec 04 15:29	0° <b>M</b>		greatest brilliancy	2259 Dec 17 17:14	26° <b>Ⅱ</b> 15'49	
	2255 Jan 21 04:09	0° <b>∡</b> 7		direct	2260 Jan 23 12:59	17° <b>II</b> 48'22	1.7111
				direct			
	2255 Mar 10 16:35	0° <b>ろ</b>			2260 Mar 13 22:07	0°©	
desc. node	2255 Mar 11 06:11	0° <b>る</b> 20'32			2260 May 13 12:06	$0^{\circ}\Omega$	
	2255 May 02 03:54	0° <b>≈</b>			2260 Jul 04 11:40	O° <b>m</b> y	
retrograde	2255 Jul 11 20:11	23° <b>≈</b> 00'43			2260 Aug 22 03:36	0∘ <b>ত</b>	
opposition	2255 Aug 11 00:03	18° <b>≈</b> 02'39	-6°47'56		2260 Oct 07 04:19	0° <b>M</b> ₊	
greatest brilliancy	2255 Aug 11 15:21	17°≈52'24	-2.9m	evening set	2260 Oct 09 13:07	1°MJ35'20	
min. Earth dist.	2255 Aug 13 11:40	17° <b>≈</b> 22'49	0.37765 AU	max. Earth dist.	2260 Oct 26 08:40	13°ML00'28	2.53596 AU
direct	2255 Sep 10 12:41	12°≈49'25		desc. node	2260 Oct 31 02:48	16°M16'53	
direct	2255 Nov 05 12:24	0° <b>∀</b>		dese. Hode		0° <b>∡</b> 7	
	2255 Nov 05 12:24 2255 Dec 25 18:00	0° <b>Υ</b>			2260 Nov 19 17:56	υ <b>χ</b> .	
					226037 27 1422	50 <b>3</b> 0 440	001 (110
asc. node	2256 Jan 10 02:42	10° <b>Y</b> 00'49		conjunction	2260 Nov 27 14:22	5° <b>х</b> ³34'43	
	2256 Feb 09 06:34	$_{0\circ}$ 8		minimum elong	2260 Nov 27 13:38	5° <b>҂</b> ³33'25	0°16'19
	2256 Mar 25 12:48	$\Pi$ $^{\circ}0$			2260 Dec 31 03:33	0°ප	
	2256 May 10 14:07	$0$ $\circ$ $\odot$		morning rise	2261 Jan 19 21:02	14° <b>පි</b> 46'01	
	2256 Jun 26 12:28	$0^{\circ}\Omega$			2261 Feb 08 21:07	0° <b>≈</b>	
evening set	2256 Jul 26 19:52	19° <b>Ω</b> 12'41			2261 Mar 19 14:40	0° <b>)</b> €	
	2256 Aug 12 20:34	0° m/y			2261 Apr 27 03:18	0° <b>Υ</b>	
may Earth dist	_	-	2.67381 AU		2261 Jun 05 09:24	0° <b>8</b>	
max. Earth dist.	2256 Sep 04 08:12	14 IVI 1/13	2.0/301 AU				
	22566	100= :::	1001		2261 Jul 16 11:51	0° <b>Ⅱ</b>	
conjunction	2256 Sep 10 16:00	18° <b>m</b> 19'08			2261 Aug 30 03:09	0ංම	
minimum elong	2256 Sep 10 16:52	18° <b>m</b> 20'31	1°01'41	asc. node	2261 Aug 31 23:57	1° <b>©</b> 10'37	
	2256 Sep 28 21:51	0∘ <b>⊽</b>			2261 Oct 22 13:45	$0$ $^{\circ}\Omega$	
morning rise	2256 Oct 24 22:32	16° <b>≏</b> 49'04		retrograde	2261 Dec 16 03:40	14° <b>Ω</b> 58'07	
	2256 Nov 14 02:34	0° <b>M</b> .		min. Earth dist.	2262 Jan 22 05:27	6° <b>Ω</b> 14'25	0.65032 AU
	2256 Dec 29 03:42	0° <b>∡</b> ¹		opposition	2262 Jan 25 06:54	5° <b>Ω</b> 00'43	4°26'55
desc. node	2257 Jan 26 05:08	19° <b>∡</b> 05'30		greatest brilliancy	2262 Jan 24 18:35	5° <b>Ω</b> 13'05	
desc. Houc	223 / 3411 20 03.00	17 7 03 30		greatest brilliancy	2202 Jan 27 10.JJ	2 0613 03	1.7111

	2262 Feb 07 18:15	30° <b>Ŗ</b> ூ			2267 May 15 15:47	0° <b>I</b> I	
direct	2262 Mar 05 12:27	25° <b>©</b> 42'50			,,		
	2262 Apr 02 22:38	$0^{\circ}\Omega$		conjunction	2267 Jun 05 22:47	15° <b>Ⅱ</b> 02'40	0°26'28
	2262 Jun 10 23:14	0° <b>m</b>		minimum elong	2267 Jun 05 21:19	15° <b>Ⅱ</b> 00'06	0°26'27
	2262 Aug 02 02:29	0∘ <b>⊽</b>			2267 Jun 27 15:26	0ංම	
desc. node	2262 Sep 18 02:15	29° <b>≏</b> 56'18		max. Earth dist.	2267 Jul 08 06:17	7° <b>5</b> 11'29	2.55861 AU
	2262 Sep 18 04:29	$0^{\circ}$ M		morning rise	2267 Jul 29 23:19	21° <b>9</b> 39'14	
	2262 Oct 31 20:35	0°⊀			2267 Aug 11 17:06	$0$ $\circ$ $\Omega$	
evening set	2262 Nov 24 23:32	17° <b>∡</b> ²25'43			2267 Sep 27 17:24	0° <b>m</b> ∕	
	2262 Dec 11 22:03	0° <b>ろ</b>			2267 Nov 15 20:36	0° <b>⊽</b>	
max. Earth dist.	2262 Dec 14 05:13	1°₹43'35	2.40828 AU		2268 Jan 07 22:03	0° <b>M</b>	
	2263 Jan 20 03:25	0° <b>≈</b>		. 1	2268 Mar 24 05:44	0° <b>⊼</b>	
. ,.	22/2 1 22 02 45	1022105	1001120	retrograde	2268 Apr 07 23:04	1° <b>∡</b> 714'41	
conjunction	2263 Jan 22 02:45 2263 Jan 22 01:10	1°≈32'05 1°≈28'58		desc. node	2268 Apr 21 23:30	30°RM 25°M05'08	
minimum elong	2263 Feb 27 09:04	0° <b>\</b>	1 01 20	opposition	2268 May 09 22:24 2268 May 13 23:04	23°M38'58	0°11'08
morning rise	2263 Mar 31 00:12	24° <b>)</b> 54'33		greatest brilliancy	2268 Apr 16 22:52	0°× <b>7</b> 44'03	-2.1m
morning 1130	2263 Apr 06 12:14	0° <b>Υ</b>		min. Earth dist.	2268 May 21 20:02	20°M47'57	0.53828 AU
	2263 May 15 10:08	0°8		direct	2268 Jun 22 11:04	14°M24'51	0.33020710
	2263 Jun 24 23:06	0°II			2268 Aug 15 11:40	0° <b>∡</b> ¹	
asc. node	2263 Jul 19 22:27	17° <b>∏</b> 40′29			2268 Oct 04 08:45	5°0	
	2263 Aug 06 22:50	0°©			2268 Nov 15 05:50	0°≈	
	2263 Sep 22 13:55	$0^{\circ}\Omega$			2268 Dec 24 19:14	0° <b>\</b>	
	2263 Nov 15 17:59	0° <b>m</b>			2269 Feb 02 01:47	$0^{\circ}\mathbf{\Upsilon}$	
retrograde	2264 Jan 19 14:27	18° <b>m</b> 51'10		asc. node	2269 Mar 10 19:56	27° <b>Y</b> 29'26	
opposition	2264 Feb 28 14:06	9° <b>™</b> 15′25	4°19'56		2269 Mar 14 05:53	$0^{\circ}B$	
greatest brilliancy	2264 Feb 28 16:35	9° <b>m</b> 12'58	-1.3m		2269 Apr 25 00:48	$\Pi^{\circ}0$	
min. Earth dist.	2264 Feb 29 09:51	8° <b>m</b> 55'45	0.67781 AU	evening set	2269 May 30 22:16	24° <b>Ⅱ</b> 44'43	
	2264 Mar 30 14:38	$30^{\circ}$ R $\Omega$			2269 Jun 07 17:07	$0$ $\circ$ $\odot$	
direct	2264 Apr 09 14:28	29° <b>Ω</b> 21'57					
	2264 Apr 20 00:49	0° <b>m</b>		conjunction	2269 Jul 21 03:23	28° <b>©</b> 41'42	1°02'48
	2264 Jul 07 19:54	0∘ <b>⊽</b>		minimum elong	2269 Jul 21 02:22	28°540'02	1°02'47
desc. node	2264 Aug 05 01:00	16° <b>Ω</b> 07'40		r dr.	2269 Jul 23 03:34	0° <b>Ω</b>	2 (4422 444
	2264 Aug 27 10:08	0° <b>M</b> 0° <b>∡</b>		max. Earth dist.	2269 Aug 03 17:17	7° <b>Ω</b> 29'40	2.64433 AU
	2264 Oct 11 01:53 2264 Nov 21 07:17	0° <b>⊼</b> .		morning rise	2269 Sep 06 06:54 2269 Sep 07 21:02	28° <b>Ω</b> 59'25 0° <b>™</b>	
	2264 Dec 30 09:50	0°≈			2269 Oct 25 09:46	0∘ <b>ऌ</b> ० ऑ	
evening set	2265 Jan 25 17:13	0 ∞ 20°≈41'19			2269 Dec 12 14:07	0° <b>m</b>	
evening set	2265 Feb 06 11:46	0° <b>∀</b>			2270 Jan 31 01:26	0°×71	
	2265 Mar 16 13:07	0°Υ			2270 Mar 25 15:57	0°ਤ	
				desc. node	2270 Mar 27 21:45	1° <b>る</b> 08'36	
conjunction	2265 Apr 04 00:30	14° <b>Ƴ</b> 21'22	-0°39'11	retrograde	2270 Jun 10 02:16	24° <b>る</b> 46'27	
minimum elong	2265 Apr 04 03:35	14° <b>Y</b> 27'20	0°39'09	opposition	2270 Jul 11 11:18	19° <b>る</b> 14'36	-5°24'39
	2265 Apr 24 11:38	0°8		greatest brilliancy	2270 Jul 12 17:00	18° <b>る</b> 52'39	-2.7m
max. Earth dist.	2265 May 25 11:30	23° <b>8</b> 03'09	2.42890 AU	min. Earth dist.	2270 Jul 18 03:56	17° <b>පි</b> 16'17	0.40888 AU
	2265 Jun 04 01:14	$\Pi$ °0		direct	2270 Aug 14 01:45	12° <b>る</b> 47'26	
asc. node	2265 Jun 05 21:13	1° <b>Ⅱ</b> 19'16			2270 Oct 08 02:04	0° <b>≈</b>	
morning rise	2265 Jun 09 13:22	3° <b>Ⅱ</b> 57'34			2270 Nov 25 11:26	0° <b>∀</b>	
	2265 Jul 16 18:31	0°©		_	2271 Jan 07 16:40	0° <b>Υ</b>	
	2265 Aug 31 00:47	0° <b>N</b>		asc. node	2271 Jan 26 18:14	13° <b>Y</b> 25'07	
	2265 Oct 18 11:29	0 <b>்⊽</b> 0∘மி			2271 Feb 19 10:51	0°H 0°S	
ratra ara da	2265 Dec 12 01:33				2271 Apr 04 03:46	0ಂಣ ೧ೣπ	
retrograde opposition	2266 Feb 23 21:15 2266 Apr 03 14:09	22° <b>£</b> 32'56 13° <b>£</b> 41'34	2054110		2271 May 19 05:57 2271 Jul 04 14:20	0° <b>U</b>	
greatest brilliancy	2266 Apr 04 02:12	13° <b>£</b> 41′34 13° <b>£</b> 29′51	-1.5m	evening set	2271 Jul	5° <b>Ω</b> 16'35	
min. Earth dist.	2266 Apr 08 05:35	13 <b>=</b> 2931 11° <b>⊆</b> 53'24	0.63908 AU	evening set	2271 Jul 12 20:09 2271 Aug 20 15:35	0° <b>m</b> )	
direct	2266 May 14 22:23	3° <b>Ω</b> 40'56	0.00900110		22/11148 20 10.50	·	
desc. node	2266 Jun 22 23:25	11° <b>≏</b> 42'21		conjunction	2271 Aug 28 12:26	5° Mp 00'12	1°07'09
	2266 Aug 01 00:03	0°M		minimum elong	2271 Aug 28 12:54	5° m, 00'57	1°07'08
	2266 Sep 18 18:01	0° <b>∡</b> ″		max. Earth dist.	2271 Aug 27 12:49	4° <b>m</b> 22'40	2.67624 AU
	2266 Oct 31 04:54	<b>∂</b> °0			2271 Oct 06 17:07	0∘ <b>⊽</b>	
	2266 Dec 09 18:14	0° <b>≈</b>		morning rise	2271 Oct 11 23:34	3° <b>≏</b> 22'33	
	2267 Jan 17 02:13	0° <b>)</b> €			2271 Nov 22 05:47	0° <b>M</b>	
	2267 Feb 24 10:03	0° <b>Υ</b>			2272 Jan 07 00:09	0° <b>∡</b> ¹	
	2267 Apr 04 16:56	0° <b>8</b>		desc. node	2272 Feb 12 20:30	24° <b>×</b> <sup>7</sup> 29'13	
evening set	2267 Apr 06 13:01	1° <b>8</b> 22'31			2272 Feb 21 02:29	ರ್∘ರ	
asc. node	2267 Apr 23 21:09	14° <b>8</b> 13'18			2272 Apr 05 21:36	0° <b>≈</b>	

	2272 May 21 13:31	0° <b>∀</b>			2277 Aug 09 21:01	0∘ <b>ত</b>	
	2272 Jul 12 17:14	0° <b>Υ</b>			2277 Sep 25 10:29	o° <b>m</b> .	
retrograde	2272 Aug 27 23:49	12° <b>Υ</b> 37'10		desc. node	2277 Oct 04 17:48	6°MJ14'56	
min. Earth dist.	2272 Sep 23 18:25		0.38834 AU	evening set	2277 Nov 05 09:53	28°ML08'52	
opposition	2272 Sep 29 06:01	6° <b>Ƴ</b> 34'19		<i>8</i>	2277 Nov 08 00:40	0° <b>∡</b> ¹	
greatest brilliancy	2272 Sep 28 12:13	6° <b>Ƴ</b> 47'17		max. Earth dist.	2277 Nov 20 03:27		2.45971 AU
direct	2272 Oct 29 03:05	1° <b>Y</b> 19'39			2277 Dec 19 04:48	0°ರ	
asc. node	2272 Dec 13 18:12	12° <b>Ƴ</b> 39'40					
	2273 Jan 17 08:23	$9^{\circ}$ 8		conjunction	2277 Dec 29 01:53	7° <b>る</b> 25'09	-0°47'19
	2273 Mar 09 08:31	$\Pi^{\circ}0$		minimum elong	2277 Dec 28 23:52	7° <b>る</b> 21'20	0°47'19
	2273 Apr 27 00:23	$0$ $\circ$ $\odot$			2278 Jan 27 14:18	0° <b>≈</b>	
	2273 Jun 14 07:38	$0^{\circ}\Omega$		morning rise	2278 Feb 28 20:49	25° <b>≈</b> 11'30	
	2273 Aug 01 07:55	0° <b>m</b>			2278 Mar 06 23:44	0° <b>ℋ</b>	
evening set	2273 Aug 18 11:42	10° <b>m</b> 49'19			2278 Apr 14 05:27	$0$ ° $\mathbf{\gamma}$	
	2273 Sep 17 13:22	0∘ <b>⊽</b>			2278 May 23 04:46	$0^{\circ}S$	
max. Earth dist.	2273 Sep 18 14:57	0° <b>ჲ</b> 41'10	2.65366 AU		2278 Jul 02 19:46	$\Pi^{\circ}0$	
				asc. node	2278 Aug 05 15:16	23° <b>Ⅱ</b> 37'03	
conjunction	2273 Oct 02 21:53	9° <b>£</b> 55'24	0°45'54		2278 Aug 15 03:28	0ංම	
minimum elong	2273 Oct 02 23:00	9° <b>£</b> 57'13	0°45'54		2278 Oct 02 01:32	$0^{\circ}\Omega$	
	2273 Nov 02 11:22	0°M			2278 Dec 03 14:07	0° <b>m</b> )	
morning rise	2273 Nov 16 21:10	9°M38'01		retrograde	2279 Jan 06 06:35	6° m 09'33	
	2273 Dec 16 18:59	0° 🗷		•,•	2279 Feb 06 03:44	30°R <b>Ω</b>	402211.0
desc. node	2273 Dec 30 19:51	9° <b>∡</b> 744'08		opposition	2279 Feb 15 10:53	26° <b>Ω</b> 22'16	
	2274 Jan 28 12:35	0°る		greatest brilliancy	2279 Feb 15 07:31		-1.3m
	2274 Mar 10 21:24 2274 Apr 20 08:32	0° <b>∺</b>		min. Earth dist.	2279 Feb 14 17:54 2279 Mar 27 22:29	26° <b>δι</b> 39'17 16° <b>Ω</b> 39'33	0.67491 AU
	2274 Apr 20 08:32 2274 May 30 18:09	0° <b>γ</b>		direct	2279 Mar 27 22:29 2279 May 20 23:20	0°M	
	2274 May 30 18:09 2274 Jul 11 18:39	0° <b>8</b>			2279 May 20 23.20 2279 Jul 18 20:07	0∘ <b>⊽</b>	
	2274 Aug 29 07:15	0°U		desc. node	2279 Aug 22 16:07	21° <b>£</b> 05'39	
retrograde	2274 Aug 27 07:13 2274 Oct 23 14:40	17° <b>Ⅱ</b> 08'41		dese. Hode	2279 Sep 05 13:18	0° <b>M</b>	
asc. node	2274 Oct 23 14:40 2274 Oct 31 16:58	16° <b>∏</b> 39'13			2279 Oct 19 16:41	0° <b>⊼</b> ¹	
min. Earth dist.	2274 Nov 22 15:01	10° <b>Д</b> 55'16	0.51001 AU		2279 Nov 29 19:26	°5	
opposition	2274 Nov 30 09:32	8° <b>Д</b> 00'53	1°30'54	evening set	2279 Dec 30 22:36	23° <b>♂</b> 46'58	
greatest brilliancy	2274 Nov 29 21:56			<i>8</i>	2280 Jan 07 22:23	0° <b>≈</b>	
direct	2275 Jan 03 20:38	0° <b>Ⅲ</b> 31′07			2280 Feb 15 01:09	0° <b>)</b> €	
	2275 Mar 30 21:53	0ಂತಾ					
	2275 May 23 20:57	$0^{\circ}\Omega$		conjunction	2280 Mar 05 17:42	15° <b>)</b> 33′42	-0°59'04
	2275 Jul 13 03:36	O° Mp		minimum elong	2280 Mar 05 20:12	15° <b>)</b> 38′39	0°59'03
	2275 Aug 30 05:13	0∘ <b>⊽</b>			2280 Mar 24 02:33	$0$ ° $\Upsilon$	
evening set	2275 Sep 24 22:33	16° <b>≏</b> 37'54		max. Earth dist.	2280 Apr 14 06:22	16° <b>Y</b> 26'38	2.37967 AU
max. Earth dist.	2275 Oct 15 01:35	29° <b>≙</b> 57'45	2.57862 AU		2280 May 01 23:50	$9^{\circ}$ 8	
	2275 Oct 15 02:55	0°M		morning rise	2280 May 15 04:56	9° <b>8</b> 56'42	
					2280 Jun 11 11:40	$\Pi$ $\circ 0$	
conjunction	2275 Nov 11 03:50	18°M23'16	0°03'56	asc. node	2280 Jun 22 14:53	7° <b>∏</b> 59'15	
minimum elong	2275 Nov 11 03:58	18°M23'29	0°03'57		2280 Jul 24 04:54	0°©	
behind sun begin	2275 Nov 10 08:07	17°M49'16			2280 Sep 07 17:57	0° <b>N</b>	
behind sun end	2275 Nov 11 23:48	18°M57'43			2280 Oct 27 10:07	0° Mp	
desc. node	2275 Nov 17 19:12 2275 Nov 27 19:34	22°M59'28 0°⊀		retrograde	2280 Dec 27 15:25 2281 Feb 09 05:53	0° <b>亞</b> 22'11	
marnina rica				Č			2927100
morning rise	2275 Dec 30 17:55 2276 Jan 08 11:39	23°♂35'56 0°る		opposition greatest brilliancy	2281 Mar 20 14:21 2281 Mar 21 00:04	0° <b>ჲ</b> 10'31 0° <b>ჲ</b> 00'57	
	2276 Feb 17 12:52	0°≈		greatest offinalicy	2281 Mar 21 00:04 2281 Mar 21 01:02	0 ==003/ 30°R∭0	-1.5111
	2276 Mar 27 13:44	0° <b>∀</b>		min. Earth dist.	2281 Mar 23 18:07	28° m 55'59	0.66203 AU
	2276 May 05 08:57	0°Υ		direct	2281 May 01 00:20	20° m 08'33	0.00203710
	2276 Jun 13 22:11	0°8			2281 Jun 14 11:17	0ಂ <del>ರ</del>	
	2276 Jul 25 14:23	0°II		desc. node	2281 Jul 09 15:02	11° <b>≏</b> 20'38	
	2276 Sep 10 00:57	0°©			2281 Aug 12 06:41	0°M	
asc. node	2276 Sep 17 15:05	4° <b>©</b> 23'21			2281 Sep 27 16:42	0° <b>∡</b> ¹	
	2276 Nov 20 13:26	$0^{\circ}\Omega$			2281 Nov 08 11:30	8°0	
retrograde	2276 Dec 02 05:33	0° <b>Ω</b> 53′26			2281 Dec 17 18:31	0° <b>≈</b>	
	2276 Dec 13 11:13	30° <b>₹</b> 5			2282 Jan 24 22:40	0° <b>)</b> €	
min. Earth dist.	2277 Jan 06 13:04	22° <b>©</b> 45'22	0.62189 AU		2282 Mar 04 02:44	$0^{\circ}$ Y	
greatest brilliancy	2277 Jan 10 09:40	21° <b>©</b> 12'57	-1.5m	evening set	2282 Mar 11 02:12	5° <b>Y</b> 25'34	
opposition	2277 Jan 11 02:28	20° <b>©</b> 56'11	4°05'29		2282 Apr 12 05:06	0° <b>8</b>	
direct	2277 Feb 18 06:28	12° <b>©</b> 00'11		asc. node	2282 May 10 12:52	21° <b>8</b> 00'17	
	2277 Apr 23 19:40	0° <b>N</b>					
	2277 Jun 20 12:57	0° <b>m</b> p		conjunction	2282 May 14 21:11	24° <b>8</b> 10'04	0°02'51

minimum elong	2282 May 14 21:01	24° <b>8</b> 09'45	0°02'50		2287 Mar 03 07:53	8°0	
behind sun begin	2282 May 13 19:30	23° <b>8</b> 23'27	0 0200		2287 Apr 20 15:47	0° <b>≈</b>	
behind sun end	2282 May 15 22:31	24° <b>8</b> 55'59			2287 Jun 15 12:24	0° <b>)</b> €	
	2282 May 22 23:01	0°Щ		retrograde	2287 Jul 30 07:40	11° <b>)</b> €05'16	
max. Earth dist.	2282 Jun 24 18:14	23° <b>I</b> 107'01	2.51180 AU	opposition	2287 Aug 29 11:24	6° <b>)</b> 03′09	-6°39'31
	2282 Jul 04 18:42	0ಂತ		greatest brilliancy	2287 Aug 29 11:54	6° <b>)</b> 02′50	-2.9m
morning rise	2282 Jul 12 05:15	5° <b>5</b> 03'39		min. Earth dist.	2287 Aug 28 22:17	6° <b>升</b> 11'50	0.37225 AU
	2282 Aug 18 19:44	$0^{\circ}\Omega$		direct	2287 Sep 28 02:28	1° <b>₩</b> 08'17	
	2282 Oct 05 04:08	O° Mp			2287 Dec 15 06:24	$0^{\circ}$ Y	
	2282 Nov 24 13:58	0∘ <b>⊽</b>		asc. node	2287 Dec 31 09:15	9° <b>Y</b> 35'15	
	2283 Jan 21 19:16	0°M₊			2288 Feb 01 23:10	$9^{\circ}$ 8	
retrograde	2283 Mar 21 08:10	15°M19'30			2288 Mar 19 13:32	$\Pi^{\circ}0$	
opposition	2283 Apr 27 14:22	7° <b>M</b> 08'59	1°15'38		2288 May 05 08:08	0°€	
greatest brilliancy	2283 Apr 27 22:45	7°M01'06	-1.7m		2288 Jun 21 16:11	0° <b>Ω</b>	
min. Earth dist.	2283 May 04 08:40		0.58433 AU	evening set	2288 Aug 04 03:56	27° <b>Ω</b> 26'24	
desc. node	2283 May 18 16:05 2283 May 27 13:38	30°R <b>≏</b> 28° <b>≏</b> 12'16		max. Earth dist.	2288 Aug 08 05:07 2288 Sep 09 13:27	0° Mp 20° Mp 32′47	2.66898 AU
direct	2283 Jun 07 04:22	28 <b>=</b> 12 10 27° <b>£</b> 26'39		max. Earth dist.	2288 Sep 09 13.27	20 lily 32 47	2.00696 AU
direct	2283 Jun 27 17:41	0°M		conjunction	2288 Sep 18 17:15	26° <b>m</b> 24'19	0°56'50
	2283 Sep 01 05:00	0° <b>∡</b> 7		minimum elong	2288 Sep 18 18:16	26° m) 25'57	0°56'50
	2283 Oct 16 06:34	0°ਤ		minimum crong	2288 Sep 24 07:38	೨೦ <b>.ಭ</b> 2೨ ೨ /	0 2020
	2283 Nov 25 19:09	0° <b>≈</b>		morning rise	2288 Nov 02 01:59	25° <b>£</b> 10'44	
	2284 Jan 03 16:00	0° <b>)</b> €		5 5	2288 Nov 09 09:45	0°M	
	2284 Feb 11 10:17	$0^{\circ}\mathbf{\Upsilon}$			2288 Dec 24 04:18	0°⊀	
	2284 Mar 22 03:21	$9^{\circ}$ 8		desc. node	2289 Jan 16 11:12	15° <b>₹</b> ′58′18	
asc. node	2284 Mar 27 12:05	3° <b>8</b> 58'02			2289 Feb 05 14:54	8°0	
	2284 May 02 12:07	$\Pi^{\circ}0$			2289 Mar 19 21:51	0° <b>≈</b>	
evening set	2284 May 11 08:28	6° <b>Ⅱ</b> 14′20			2289 Apr 30 12:08	0° <b>∀</b>	
	2284 Jun 14 20:07	$0_{\circ}$ වෙ			2289 Jun 11 12:11	0° <b>Υ</b>	
					2289 Jul 27 02:06	0°8	
conjunction	2284 Jul 04 12:41	13°5012'18	0°52'54	retrograde	2289 Oct 04 09:32	25° <b>8</b> 30'27	0.45604.411
minimum elong	2284 Jul 04 11:09	13°509'44	0°52′54 2.61708 AU	min. Earth dist.	2289 Nov 01 05:40	20° <b>8</b> 09'44 17° <b>8</b> 18'03	
max. Earth dist.	2284 Jul 24 19:47 2284 Jul 30 01:25	26°£35'04 0°Ω	2.01/08 AU	opposition greatest brilliancy	2289 Nov 09 11:07 2289 Nov 09 07:58	17° <b>8</b> 20'48	
morning rise	2284 Jul 30 01:23 2284 Aug 22 17:36	15° <b>Ω</b> 17'58		asc. node	2289 Nov 17 08:48	17 <b>8</b> 2048	-2.3111
morning rise	2284 Sep 14 19:19	0°m/		direct	2289 Dec 12 03:02	10° <b>8</b> 38'36	
	2284 Nov 01 18:14	0∘ <b>ರ</b>			2290 Feb 14 17:59	0° <b>Ⅱ</b>	
	2284 Dec 21 03:56	0°M			2290 Apr 11 10:47	0° <b>©</b>	
	2285 Feb 11 23:52	0°⊀			2290 Jun 01 07:25	$0^{\circ}\Omega$	
desc. node	2285 Apr 13 12:54	26° <b>х</b> 34′10			2290 Jul 20 11:05	0° <b>m</b>	
	2285 Apr 28 03:51	0°ප			2290 Sep 06 02:46	0∘ <b>⊽</b>	
retrograde	2285 May 13 04:31	1° <b>る</b> 18'49		evening set	2290 Sep 10 03:29	2° <b>Ω</b> 35'17	
	2285 May 27 17:38	30°₹ <b>⋌</b> 7		max. Earth dist.	2290 Oct 04 04:35		2.61397 AU
opposition	2285 Jun 15 14:27	24° <b>₹</b> 54'26			2290 Oct 21 23:23	0°M₊	
greatest brilliancy	2285 Jun 16 13:10	24° <b>×</b> 35'50					
min. Earth dist.	2285 Jun 23 23:37	22° 🖈 10'35	0.45734 AU	conjunction	2290 Oct 26 05:45	2°M51'26	
direct	2285 Jul 22 03:10	17° <b>₹</b> 05'26		minimum elong	2290 Oct 26 06:31	2°M52'42	0°22'14
	2285 Sep 07 01:47	0°る 0°≈		desc. node	2290 Dec 04 10:02	29° <b>M</b> .41'18 0° <b>√</b>	
	2285 Oct 27 03:16 2285 Dec 08 09:31	0° <b>∺</b>		morning rise	2290 Dec 04 20:44 2290 Dec 12 08:17	0° <b>x</b> ¹ 5° <b>x</b> ¹14'57	
	2286 Jan 18 05:47	0° <b>Υ</b>		morning rise	2290 Dec 12 08:17 2291 Jan 15 21:13	0°る	
asc. node	2286 Feb 12 11:08	18° <b>Y</b> 24'03			2291 Feb 25 08:41	0° <b>≈</b>	
use. Houe	2286 Feb 28 13:49	0°8			2291 Apr 05 19:52	0° <b>)</b> €	
	2286 Apr 12 06:54	0°Щ			2291 May 15 01:18	0°Υ	
	2286 May 26 16:19	0ಂತಾ			2291 Jun 24 03:23	0°8	
evening set	2286 Jun 27 02:26	20° <b>©</b> 37'36			2291 Aug 05 22:22	$\Pi$ $^{\circ}0$	
	2286 Jul 11 13:50	$0^{\circ}\Omega$			2291 Sep 25 16:50	$0$ $\circ$ $\odot$	
				asc. node	2291 Oct 05 08:38	4° <b>5</b> 30'49	
conjunction	2286 Aug 14 02:20	21° <b>Ω</b> 29'52		retrograde	2291 Nov 18 11:31	15° <b>©</b> 33'20	
minimum elong	2286 Aug 14 02:16	21° <b>Ω</b> 29'47		min. Earth dist.	2291 Dec 21 20:08	8°506'12	
max. Earth dist.	2286 Aug 18 13:24		2.67042 AU	opposition	2291 Dec 27 19:50	5° <b>©</b> 44'40	
	2286 Aug 27 10:24	0°M)		greatest brilliancy	2291 Dec 27 00:59	6°503'15	-1.7m
morning rise	2286 Sep 28 05:07	20° Mp 12'46		4:4	2292 Jan 13 11:55	30°RⅡ 27°Ⅲ1626	
	2286 Oct 13 14:25	0°. 0° <del>⊽</del>		direct	2292 Feb 02 16:46	27° <b>Ⅱ</b> 16'36 0° <b>©</b>	
	2286 Nov 29 14:35 2287 Jan 15 09:14	0°11L 0° <b>√</b> 7			2292 Feb 24 15:52 2292 May 06 13:50	0₀ <b>Ư</b>	
desc. node	2287 Jan 13 09:14 2287 Mar 01 12:46	0 <b>x</b> . 28° <b>x</b> 51'37			2292 May 06 13.30 2292 Jun 29 01:58	0°Mp	
dose. Hode	220, Mai 01 12.70	20 7 313/			UII	עייי	

	2292 Aug 17 06:46	0∘ <b>ত</b>			2297 Jul 11 23:30	0	
	2292 Oct 02 12:09	$0^{\circ}$ M			2297 Aug 26 01:58	$0 {\circ} \Omega$	
evening set	2292 Oct 18 21:19	11°MJ04'30			2297 Oct 12 23:48	0° <b>m</b> ∕	
desc. node	2292 Oct 21 09:07	12°M46'50			2297 Dec 04 12:19	0∘ <b>ত</b>	
max. Earth dist.	2292 Nov 03 08:02	21°M44'06	2.51002 AU		2298 Feb 20 17:31	0° <b>M</b> ₊	
	2292 Nov 15 02:21	0° <b>⊼</b> ¹		retrograde	2298 Mar 04 16:52	0°M49'45	
				Ü	2298 Mar 16 02:54	30° <b>₽</b> Ω	
conjunction	2292 Dec 08 07:08	16° <b>₹</b> 39'29	-0°28'06	opposition	2298 Apr 11 23:03	22° <b>Ω</b> 11'15	2°22'47
minimum elong	2292 Dec 08 05:50	16° <b>₹</b> 37'08	0°28'06	greatest brilliancy	2298 Apr 12 10:57	21° <b>≏</b> 59'48	-1.5m
minimum viong	2292 Dec 26 10:18	0° <b>궁</b>	0 20 00	min. Earth dist.	2298 Apr 17 09:20	20° <b>Ω</b> 06'00	0.62213 AU
morning rise	2293 Feb 02 05:32	28° <b>පි</b> 36'21		direct	2298 May 23 03:24	12° <b>⊆</b> 14'22	0.02213710
morning risc	2293 Feb 02 03:32 2293 Feb 04 01:01	28 <b>3</b> 3021 0° <b>≈</b>		desc. node	2298 Jun 13 05:59	12 <b>≅</b> 14 22 14° <b>£</b> 50'44	
		0 <b>∞</b> 0° <b>H</b>		desc. Hode	2298 Jul 23 01:52	0°M	
	2293 Mar 14 15:21	0 <del>Υ</del> 0° <b>Υ</b>					
	2293 Apr 22 00:59				2298 Sep 12 12:43	0° <b>∡</b> 7	
	2293 May 31 03:40	0° <b>8</b>			2298 Oct 25 16:06	0°ರ	
	2293 Jul 10 23:56	0°II			2298 Dec 04 12:00	0° <b>≈</b>	
asc. node	2293 Aug 22 07:17	28° <b>Ⅱ</b> 55'19			2299 Jan 11 23:26	0° <b>∀</b>	
	2293 Aug 23 23:05	0°€			2299 Feb 19 10:02	0° <b>Υ</b>	
	2293 Oct 13 09:44	$0$ $^{\circ}$ $\Omega$			2299 Mar 30 19:34	$9^{\circ}$ 8	
retrograde	2293 Dec 23 21:59	23° <b>Ω</b> 08'38		asc. node	2299 Apr 14 03:45	10° <b>8</b> 38'15	
min. Earth dist.	2294 Jan 30 21:29	14° <b>Ω</b> 07'22	0.66182 AU	evening set	2299 Apr 20 07:56	15° <b>8</b> 09'54	
opposition	2294 Feb 02 03:02	13° <b>Ω</b> 13'39	4°32'41		2299 May 10 20:52	$\Pi^{\circ}0$	
greatest brilliancy	2294 Feb 01 17:46	13° <b>Ω</b> 22'57	-1.4m				
direct	2294 Mar 13 20:52	3° <b>Ω</b> 45'52		conjunction	2299 Jun 17 07:00	26° <b>Ⅲ</b> 08'51	0°37'44
	2294 Jun 03 18:05	0° <b>m</b>		minimum elong	2299 Jun 17 05:18	26° <b>Ⅱ</b> 05'56	0°37'42
	2294 Jul 27 15:08	0∘ <b>⊽</b>			2299 Jun 22 22:32	0°ಅ	
desc. node	2294 Sep 08 07:36	26° <b>≏</b> 46'12		max. Earth dist.	2299 Jul 15 02:07	14° <b>©</b> 54'05	2.58177 AU
***************************************	2294 Sep 13 05:46	0°M			2299 Aug 07 00:18	0°N	
	2294 Oct 27 02:10	0° <b>⊼</b> 7		morning rise	2299 Aug 08 07:40	0° <b>Ω</b> 51'07	
evening set	2294 Dec 07 03:15	29° <b>х</b> 57'28		morning rise	2299 Sep 22 20:55	0° m)	
evening set	2294 Dec 07 03:13 2294 Dec 07 04:37	0°る			2299 Nov 10 11:11	0° <b>ي</b> س	
max. Earth dist.	2294 Dec 07 04:37 2295 Jan 05 16:06	0 0 22° <b>る</b> 27'35	2.38391 AU		2299 Nov 10 11:11 2299 Dec 31 19:05	0° <b>m</b>	
max. Earth dist.	2295 Jan 15 09:25	22 <b>3</b> 27 33 0° <b>≈</b>	2.36391 AU			0° <b>⊼</b> ¹	
	2293 Jan 13 09.23	0 ≈			2300 Mar 02 05:52		
	2205 F. L. O.C. 01. 40	1.60 - 5015.4	1004141	retrograde	2300 Apr 20 14:37	11° 🗷 35'27	
conjunction	2295 Feb 06 01:48	16°≈58'54		desc. node	2300 May 01 04:48	10° <b>₹</b> 53'17	1011102
minimum elong	2295 Feb 06 01:24	16°≈58'08	1°04'42	opposition	2300 May 25 19:44	4° <b>₹</b> 22'18	
	2295 Feb 22 13:52	0° <b>∀</b>		greatest brilliancy	2300 May 26 04:22	4° <b>√</b> 14'42 −	
	2295 Apr 01 15:53	0° <b>Υ</b>		min. Earth dist.	2300 Jun 03 03:38		0.51039 AU
morning rise	2295 Apr 17 05:22	12° <b>Υ</b> 07'20			2300 Jun 07 12:45	30°RM	
	2295 May 10 12:42	0°8		direct	2300 Jul 03 11:56	25°M31'39	
	2295 Jun 19 23:52	$\Pi$ $\circ$ 0			2300 Jul 30 06:32	0° <b>∡</b> ¹	
asc. node	2295 Jul 10 06:18	14° <b>Ⅱ</b> 26′23			2300 Sep 27 08:15	0°る	
	2295 Aug 01 19:23	0°€			2300 Nov 09 17:24	0° <b>≈</b>	
	2295 Sep 16 21:00	$0 {\circ} \Omega$			2300 Dec 19 21:49	0° <b>∀</b>	
	2295 Nov 07 17:25	O° Mp			2301 Jan 28 13:40	$0^{\circ}$ Y	
retrograde	2296 Jan 27 08:55	26° M 35′37		asc. node	2301 Mar 02 02:36	24° <b>Ƴ</b> 11'55	
opposition	2296 Mar 07 04:18	17° <b>m</b> 07′28	4°07'31		2301 Mar 10 00:56	0°8	
greatest brilliancy	2296 Mar 07 09:42	17° Mp 02'07	-1.3m		2301 Apr 21 01:34	$\Pi^{\circ}0$	
min. Earth dist.	2296 Mar 08 19:59	16° Mp 28′06	0.67491 AU		2301 Jun 03 22:31	0°€	
direct	2296 Apr 17 09:40	7° Mp 09'49		evening set	2301 Jun 11 06:14	4° <b>©</b> 53'30	
	2296 Jun 30 04:58	0∘ <del>⊽</del>		<i>3</i> - 1 - 1	2301 Jul 19 11:47	$0^{\circ}\Omega$	
desc. node	2296 Jul 26 06:07	14° <b>≏</b> 04'48				* 00	
desc. node	2296 Aug 21 17:47	0°M		conjunction	2301 Jul 31 03:08	7° <b>Ω</b> 31'33	1°06'19
	2296 Oct 05 22:26	0° <b>∡</b> 7		minimum elong	2301 Jul 31 02:27	7° <b>Ω</b> 30′28	1°06'18
	2296 Nov 16 08:28	°ੇਂ ਰ°ੇਂ		max. Earth dist.	2301 Jul 31 02:27 2301 Aug 10 06:24	14° <b>Ω</b> 02'51	2.65607 AU
				max. Earm dist.	•		2.03007 AU
	2296 Dec 25 12:44	0° <b>≈</b>			2301 Sep 04 05:35	0° Mp 70 Mp 0 511 5	
	2297 Feb 01 15:22	0° <b>)</b> (10140		morning rise	2301 Sep 15 09:12	7° m 05'15	
evening set	2297 Feb 10 17:15	7° <b>)</b> 10'40			2301 Oct 21 14:15	0∘ <b>⊽</b>	
	2297 Mar 11 17:23	$0^{\circ}$ Y			2301 Dec 08 06:24	0°M	
					2302 Jan 25 12:47	0° <b>∡</b>	
conjunction	2297 Apr 19 15:02	29° <b>Y</b> 57′02			2302 Mar 16 17:55	0°る	
minimum elong	2297 Apr 19 17:04	0° <b>8</b> 00'52	0°24'14	desc. node	2302 Mar 19 03:34	1° <b>る</b> 22'30	
	2297 Apr 19 16:37	$9^{\circ}$ 8			2302 May 14 14:13	0° <b>≈</b>	
asc. node	2297 May 27 05:53	27° <b>8</b> 48'32		retrograde	2302 Jun 28 11:53	10° <b>≈</b> 29'39	
	2297 May 30 06:38	$\Pi^{\circ}0$		opposition	2302 Jul 29 02:11	5° <b>≈</b> 21'04	-6°23'17
max. Earth dist.	2297 May 30 06:38 2297 Jun 07 13:14		2.45908 AU	opposition greatest brilliancy	2302 Jul 29 02:11 2302 Jul 30 02:50	5°≈21'04 5°≈03'54	
max. Earth dist. morning rise	•		2.45908 AU	**		5° <b>≈</b> 03'54	

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	2302 Aug 22 18:43	30°Rる		conjunction	2307 Nov 21 21:08	28°M24'16	-0°07'39
direct	2302 Aug 29 20:48	29° <b>る</b> 39'02		minimum elong	2307 Nov 21 20:49	28°M23'42	
	2302 Sep 05 23:13	0°≈		behind sun begin	2307 Nov 21 02:08	27°M50'55	0 0, 3,
	2302 Nov 16 04:41	0° <b>)</b> €		behind sun end	2307 Nov 22 15:29	28°M56'32	
	2303 Jan 01 04:53	0° <b>Υ</b>		bennia sun ena	2307 Nov 24 03:31	0° <b>√</b>	
asc. node	2303 Jan 18 02:31	11° <b>Υ</b> 29'09			2308 Jan 04 16:57	% ਨ	
asc. node	2303 Feb 14 05:33	0° <b>8</b>		mamina risa	2308 Jan 12 08:04	5° <b>る</b> 39'11	
		0°II		morning rise			
	2303 Mar 30 15:55	0°9			2308 Feb 13 14:39	0° <b>₩</b>	
	2303 May 15 05:11				2308 Mar 23 11:38		
	2303 Jun 30 20:11	0° <b>Ω</b>			2308 May 01 02:51	0°Υ •••	
evening set	2303 Jul 22 12:05	13° <b>Ω</b> 47'21			2308 Jun 09 11:03	0° <b>8</b>	
	2303 Aug 17 00:50	0° <b>m</b>			2308 Jul 20 16:51	0°II	
max. Earth dist.	2303 Sep 02 18:10	10° mp 37'35	2.67601 AU		2308 Sep 03 20:25	0ა <b>ௐ</b>	
				asc. node	2308 Sep 09 00:03	3° <b>©</b> 09'47	
conjunction	2303 Sep 06 15:38	13°Mp06'18			2308 Oct 30 12:38	$0$ $\circ$ $\Omega$	
minimum elong	2303 Sep 06 16:22	13° Mp 07'27	1°04'23	retrograde	2308 Dec 11 06:23	9° <b>Ω</b> 31'48	
	2303 Oct 03 02:24	0。 <b>ಹ</b>		min. Earth dist.	2309 Jan 16 13:54	1° <b>Ω</b> 03'49	0.63875 AU
morning rise	2303 Oct 20 22:34	11° <b>≙</b> 28'45			2309 Jan 19 05:40	30° <b>₹ॐ</b>	
	2303 Nov 18 10:49	0°M		opposition	2309 Jan 20 07:58	29° <b>5</b> 33'39	4°20'05
	2304 Jan 02 19:42	0° <b>∡</b> ¹		greatest brilliancy	2309 Jan 19 17:23	29° <b>5</b> 348'16	-1.5m
desc. node	2304 Feb 04 02:48	21° <b>尽</b> 45'52		direct	2309 Feb 28 03:20	20°525'02	
	2304 Feb 16 05:14	0°ප			2309 Apr 13 15:13	$0^{\circ}\Omega$	
	2304 Mar 30 21:13	0° <b>≈</b>			2309 Jun 15 08:39	0° mp	
	2304 May 13 11:51	0° <b>∀</b>			2309 Aug 05 17:22	0∘ <b>ত</b>	
	2304 Jun 28 08:30	$0^{\circ}\mathbf{\Upsilon}$			2309 Sep 21 15:05	0° <b>M</b> ₊	
retrograde	2304 Sep 12 17:57	29° <b>Ƴ</b> 36'23		desc. node	2309 Sep 25 23:43	2°M54'14	
min. Earth dist.	2304 Oct 09 06:06	24° <b>Ƴ</b> 59'00	0.40878 AU		2309 Nov 04 07:40	0° <b>∡</b> ¹	
opposition	2304 Oct 16 10:37	22° <b>Ƴ</b> 44'59		evening set	2309 Nov 17 05:32	9° <b>х</b> 14'16	
greatest brilliancy	2304 Oct 15 17:56	22°Υ58'00		max. Earth dist.	2309 Dec 03 06:19	20° <b>х</b> 56′03	2.43078 AU
direct	2304 Nov 16 04:00	17° <b>Υ</b> 02'14			2309 Dec 15 11:19	0°る	
asc. node	2304 Dec 05 01:52	19° <b>Υ</b> 15'06			230) Dec 13 11:1)	° <b>O</b>	
use. node	2305 Jan 05 00:47	0°8		conjunction	2310 Jan 12 05:51	21° <b>る</b> 04'31	-0°56'19
	2305 Mar 02 21:34	0° <b>I</b>		minimum elong	2310 Jan 12 03:51	21°る00'40	
	2305 Apr 22 04:59	0°©		minimum ciong	2310 Jan 23 19:14	0°≈	0 30 17
	2305 Jun 10 05:26	0°Ω			2310 Mar 03 02:42	0 <b>∞</b> 0° <b>∀</b>	
	2305 Jul 28 14:02	0°m)		morning rise	2310 Mar 18 14:01	12° <b>∺</b> 11'09	
avaning gat	2305 Aug 27 16:51	18° Mp 58'58		morning rise	2310 Apr 10 06:42	0°Υ	
evening set	•	-			•	0°8	
E d E d	2305 Sep 13 22:49	0° <b>Ω</b>	2 (4100 ATT		2310 May 19 04:30		
max. Earth dist.	2305 Sep 25 04:21	/**************************************	2.64180 AU	1	2310 Jun 28 16:53	0°Ⅱ 20°Ⅲ27/24	
. ,.	2205.0 . 12.05.24	100 0 21120	0020102	asc. node	2310 Jul 27 22:55	20°∏37'24	
conjunction	2305 Oct 12 05:34	18° <b>£</b> 21'20			2310 Aug 10 17:52	0° <b>©</b>	
minimum elong	2305 Oct 12 06:38	18° <b>£</b> 23'05	0°38'01		2310 Sep 26 17:22	0° <b>N</b>	
	2305 Oct 29 20:23	0°M			2310 Nov 22 00:27	0° m/y	
morning rise	2305 Nov 26 18:20	18° <b>M</b> 49'07		retrograde	2311 Jan 14 21:26	13° <b>m</b> 55'42	
	2305 Dec 13 00:34	0° <b>∡</b> ¹		opposition	2311 Feb 23 23:57	4° <b>m</b> 14'15	4°26'20
desc. node	2305 Dec 22 01:37	6° <b>∡</b> 17'38		greatest brilliancy	2311 Feb 23 23:51	4° Mp 14′21	-1.3m
	2306 Jan 24 11:49	0°₹		min. Earth dist.	2311 Feb 24 03:00	4° m) 11'13	0.67783 AU
	2306 Mar 06 12:24	0° <b>≈</b>			2311 Mar 07 01:05	30°R <b>Ω</b>	
	2306 Apr 15 13:25	0° <b>∀</b>		direct	2311 Apr 05 19:40	24° <b>Ω</b> 25'11	
	2306 May 25 10:02	$0$ ° $\mathbf{\gamma}$			2311 May 08 15:59	0° <b>m</b> ∕	
	2306 Jul 05 10:54	$9^{\circ}$ 8			2311 Jul 13 11:40	0∘ <b>⊽</b>	
	2306 Aug 19 16:32	$\Pi$ $^{\circ}0$		desc. node	2311 Aug 13 22:33	18° <b>≏</b> 27'33	
asc. node	2306 Oct 23 00:09	27° <b>Ⅱ</b> 30'30			2311 Sep 01 06:42	0°M₊	
retrograde	2306 Nov 03 11:27	28° <b>Ⅲ</b> 25'34			2311 Oct 15 18:30	0° <b>∡</b> 7	
min. Earth dist.	2306 Dec 04 17:24	21° <b>Ⅱ</b> 44'35	0.53802 AU		2311 Nov 25 23:50	0°ප	
opposition	2306 Dec 11 23:14	18° <b>Ⅱ</b> 57'58	2°21'54		2312 Jan 04 03:15	0° <b>≈</b>	
greatest brilliancy	2306 Dec 11 06:51	19° <b>Ⅱ</b> 13'41	-2.0m	evening set	2312 Jan 15 16:24	9° <b>≈</b> 02'42	
direct	2307 Jan 16 07:58	11° <b>Ⅲ</b> 05′02			2312 Feb 11 05:32	0° <b>)</b> €	
	2307 Mar 22 16:29	$0$ $\circ$ $\odot$			2312 Mar 20 06:24	$0^{\circ}$ Y	
	2307 May 18 19:35	$0^{\circ}\Omega$					
	2307 Jul 09 00:36	0° <b>m</b>		conjunction	2312 Mar 23 08:55	2° <b>Y</b> 25'41	-0°49'09
	2307 Aug 26 10:59	0∘ <del>⊽</del>		minimum elong	2312 Mar 23 12:13	2° <b>Y</b> '32'08	0°49'07
evening set	2307 Oct 04 17:58	25° <b>≏</b> 31'01		Č	2312 Apr 28 03:30	0°8	
Ç	2307 Oct 11 11:23	0°M		max. Earth dist.	2312 May 13 02:17	11° <b>8</b> 14'44	2.40516 AU
max. Earth dist.	2307 Oct 22 22:28		2.55587 AU	morning rise	2312 May 31 01:12	24° <b>8</b> 29'48	
desc. node	2307 Nov 09 00:23	19°M25'47	-	<i>U</i> -	2312 Jun 07 14:56	0°II	
				asc. node	2312 Jun 13 21:01	4° <b>Ⅱ</b> 30'16	

	2312 Jul 20 06:37	0° <b>©</b>			2318 Jan 12 21:19	0°Υ	
	2312 Sep 03 13:37	0°Ω		asc. node	2318 Feb 03 18:18	0 1 15° <b>Υ</b> 41'39	
	2312 Scp 03 13:37 2312 Oct 22 09:08	0° <b>m</b> y		asc. node	2318 Feb 23 21:24	0° <b>8</b>	
	2312 Oct 22 09:08 2312 Dec 17 19:58	0∘ <b>⊽</b> 0 ıı⁄ı			2318 Apr 08 01:31	0°II	
retrograde	2312 Bec 17 19:38 2313 Feb 18 12:08	0 <b>—</b> 17° <b>Ω</b> 19'12			2318 May 22 18:45	0°©	
opposition	2313 Mar 29 12:38		3°13'36	evening set	2318 Jul 07 05:09	29° <b>©</b> 34'14	
greatest brilliancy	2313 Mar 29 23:51	8° <b>⊆</b> 07'08	-1.4m	evening set	2318 Jul 07 21:10	0°Ω	
min. Earth dist.	2313 Apr 02 12:01	6° <b>£</b> 44'58	0.65066 AU		2510 341 07 21.10	0 <b>0 C</b>	
mm. Earth dist.	2313 Apr 23 15:40	30°R.M⊅	0.02000110	conjunction	2318 Aug 23 10:02	29° <b>Ω</b> 44'21	1°08'18
direct	2313 May 09 22:36	28° m 16'13		minimum elong	2318 Aug 23 10:19	29°Ω44'47	1°08'17
	2313 May 27 04:59	0∘ <b>⊽</b>			2318 Aug 23 19:53	0° m)	
desc. node	2313 Jun 30 21:03	11° <b>≏</b> 22'25		max. Earth dist.	2318 Aug 24 19:31	0° m) 37'38	2.67469 AU
	2313 Aug 06 08:56	o°M.		morning rise	2318 Oct 07 02:51	28° m) 12'23	
	2313 Sep 23 01:53	0°⊀		, and the second	2318 Oct 09 22:17	0° <del>ق</del>	
	2313 Nov 04 06:31	8°0			2318 Nov 25 15:53	0°M	
	2313 Dec 13 17:44	0° <b>≈</b>			2319 Jan 10 20:29	0° <b>≯</b> 7	
	2314 Jan 20 23:58	0° <b>∀</b>		desc. node	2319 Feb 20 17:46	26° <b>≯</b> ¹46'06	
	2314 Feb 28 05:30	$0^{\circ}\mathbf{Y}$			2319 Feb 25 16:06	0°రె	
evening set	2314 Mar 27 07:43	20° <b>Y</b> 52'03			2319 Apr 12 17:09	0° <b>≈</b>	
C	2314 Apr 08 09:22	0° <b>႘</b>			2319 May 31 00:35	0° <b>∀</b>	
asc. node	2314 May 01 20:43	17° <b>8</b> 25'57		retrograde	2319 Aug 17 12:12	29° <b>ℋ</b> 24'06	
	2314 May 19 04:31	$\Pi$ $^{\circ}0$		min. Earth dist.	2319 Sep 14 03:49	24° <b>ℋ</b> 53'26	0.37731 AU
	·			opposition	2319 Sep 17 16:04	23° <b>¥</b> 55'17	-5°44'54
conjunction	2314 May 28 18:03	6° <b>Ⅱ</b> 49'39	0°16'59	greatest brilliancy	2319 Sep 17 03:36	24° <b>₩</b> 03'53	-2.9m
minimum elong	2314 May 28 16:58	6° <b>Ⅱ</b> 47'44	0°16'57	direct	2319 Oct 17 04:53	18° <b>¥</b> 56'16	
	2314 Jul 01 00:55	0°ಲ			2319 Nov 30 17:40	0°Υ	
max. Earth dist.	2314 Jul 03 22:42	1° <b>©</b> 58'57	2.53843 AU	asc. node	2319 Dec 22 17:43	10° <b>Ƴ</b> 42'06	
morning rise	2314 Jul 23 13:52	15° <b>©</b> 12'22			2320 Jan 25 14:59	0°8	
-	2314 Aug 15 00:42	$0^{\circ}\Omega$			2320 Mar 14 05:52	$\mathbf{u}^{\circ}$	
	2314 Oct 01 02:57	o° mp			2320 Apr 30 22:40	0°ಅ	
	2314 Nov 19 16:21	0∘ <b>ত</b>			2320 Jun 17 18:21	$0^{\circ}\Omega$	
	2315 Jan 13 08:16	0°M			2320 Aug 04 13:22	0° <b>m</b> )	
retrograde	2315 Apr 01 14:24	24°M38'01		evening set	2320 Aug 13 09:30	5° <b>m</b> 34'47	
opposition	2315 May 08 05:18	16°M45'40	0°28'08	max. Earth dist.	2320 Sep 15 19:58	26° <b>m</b> 51'02	2.66145 AU
greatest brilliancy	2315 May 08 08:54	16°M42'20	-1.9m		2320 Sep 20 17:45	0∘ <b>ত</b>	
min. Earth dist.	2315 May 15 15:46	14° <b>M</b> 01'18	0.55981 AU				
desc. node	2315 May 18 19:55	12°M53'59		conjunction	2320 Sep 27 19:43	4° <b>£</b> 33'38	0°50'51
direct	2315 Jun 17 06:50	7° <b>M</b> 16'59		minimum elong	2320 Sep 27 20:49	4° <b>£</b> 35'25	0°50'51
	2315 Aug 24 10:11	0°⊀			2320 Nov 05 18:01	0° <b>M</b>	
	2315 Oct 10 17:44	0°ರ		morning rise	2320 Nov 11 10:52	3°M47'02	
	2315 Nov 20 23:21	0° <b>≈</b>			2320 Dec 20 07:03	0° <b>∡</b> ¹	
	2315 Dec 30 04:40	0° <b>∀</b>		desc. node	2321 Jan 07 17:07	12° <b>∡¹</b> 42'53	
	2316 Feb 07 04:43	$0^{\circ}\Upsilon$			2321 Feb 01 08:17	0°ರ	
asc. node	2316 Mar 18 20:08	0° <b>8</b> 32'07			2321 Mar 15 02:42	0° <b>≈</b>	
	2316 Mar 18 02:43	$9^{\circ}$ 8			2321 Apr 25 00:33	0° <b>∀</b>	
	2316 Apr 28 15:35	$\Pi$ °0			2321 Jun 04 23:41	$\mathbf{\gamma}_{0}$	
evening set	2316 May 23 17:32	17° <b>Ⅱ</b> 28′25			2321 Jul 18 01:22	$0^{\circ}S$	
	2316 Jun 11 02:48	$0$ $\circ$ $\odot$			2321 Sep 09 11:09	$\Pi^{\circ}0$	
				retrograde	2321 Oct 16 14:54	8° <b>Ⅱ</b> 39'09	
conjunction	2316 Jul 15 04:18	22° <b>©</b> 39'47		asc. node	2321 Nov 08 17:04	4° <b>Ⅱ</b> 48'34	
minimum elong	2316 Jul 15 03:01	22° <b>©</b> 37'41	0°59'14	min. Earth dist.	2321 Nov 14 15:56	2° <b>∏</b> 49'08	0.48637 AU
	2316 Jul 26 09:38	$0^{\circ}\Omega$		opposition	2321 Nov 22 17:48	29° <b>8</b> 52'38	0°45'27
max. Earth dist.	2316 Jul 31 16:39	3° <b>Ω</b> 26′23	2.63308 AU	greatest brilliancy	2321 Nov 22 11:35	29° <b>8</b> 58'18	-2.3m
morning rise	2316 Sep 01 03:55	23° <b>Ω</b> 40′35			2321 Nov 22 09:44	30° <b>₹</b> 8	
	2316 Sep 11 02:24	0° mp		direct	2321 Dec 26 09:25	22° <b>8</b> 44'14	
	2316 Oct 28 18:38	0∘ <b>亚</b>			2322 Feb 01 00:24	U°0 I	
	2316 Dec 16 09:57	0°M			2322 Apr 05 08:22	0°©	
	2317 Feb 05 01:33	0° <b>∡</b>			2322 May 27 18:52	0° <b>N</b>	
	2317 Apr 03 22:34	0°る			2322 Jul 16 13:24	0° <b>m</b> )	
desc. node	2317 Apr 04 19:00	0°る22'23			2322 Sep 02 11:15	0° <b>亞</b>	
retrograde	2317 May 29 08:22	14° <b>る</b> 26'11	4020156	evening set	2322 Sep 19 12:33	10° <b>£</b> 59'04	2.50541 : ***
opposition	2317 Jun 30 14:11	8° <b>る</b> 31'10		max. Earth dist.	2322 Oct 11 06:50		2.59541 AU
greatest brilliancy	2317 Jul 01 18:54		-2.5m		2322 Oct 18 09:23	0° <b>M</b>	
min. Earth dist.	2317 Jul 08 07:31		0.42937 AU	aaniu	2222 N 05 02 52	110 <b>m</b> 50121	0011155
direct	2317 Aug 04 14:38	1°る25'27		conjunction	2322 Nov 05 03:53	11°M59'31	
	2317 Oct 18 04:50	0° <b>∺</b>		minimum elong	2322 Nov 05 04:19	12°M00'16 11°M37'01	0°11'55
	2317 Dec 01 23:07	0 )(		behind sun begin	2322 Nov 04 14:39	11 II63/UI	

behind sun end	2322 Nov 05 17:58	12° <b>M</b> 23'32		retrograde	2328 Feb 05 05:55	4° <b>£</b> 22'19	
desc. node	2322 Nov 25 16:39	26°ML08'24		C	2328 Mar 02 09:29	30°R, Mp	
	2322 Dec 01 05:13	0° <b>∡</b> ¹		opposition	2328 Mar 15 20:06	25° <b>m</b> 02'41	3°51'04
morning rise	2322 Dec 23 12:23	15° <b>∡</b> ¹49'14		greatest brilliancy	2328 Mar 16 04:00	24° <b>m</b> 54'52	-1.3m
	2323 Jan 12 01:43	0°ಕ		min. Earth dist.	2328 Mar 18 07:33	24° Mp 03'59	0.66909 AU
	2323 Feb 21 07:56	0° <b>≈</b>		direct	2328 Apr 26 05:12	15° m/02'09	
	2323 Apr 01 13:18	0° <b>ℋ</b> 0° <b>Ƴ</b>		J J.	2328 Jun 22 02:05	0° <b>亞</b>	
	2323 May 10 12:14 2323 Jun 19 05:32	0.8 0.1		desc. node	2328 Jul 17 12:32 2328 Aug 16 17:56	12° <b>♀</b> 35'30 0° <b>™</b>	
	2323 Jul 31 05:18	0°II			2328 Aug 10 17:30 2328 Oct 01 16:11	0° <b>⊼</b> 7	
	2323 Sep 16 20:16	0°ಅ			2328 Nov 12 08:05	ੁੰ≎	
asc. node	2323 Sep 26 15:02	5° <b>©</b> 19'37			2328 Dec 21 14:32	0° <b>≈</b>	
retrograde	2323 Nov 28 00:53	24°957'50			2329 Jan 28 18:04	0° <b>∀</b>	
min. Earth dist.	2324 Jan 01 12:06	17° <b>5</b> 07'43	0.60615 AU	evening set	2329 Feb 27 19:21	23° <b>)</b> €41'42	
opposition	2324 Jan 06 17:37	15° <b>©</b> 03'08	3°51'33		2329 Mar 07 20:39	$\mathbf{\gamma}_{0}$	
greatest brilliancy	2324 Jan 05 23:23	15° <b>5</b> 21'14	-1.6m		2329 Apr 15 20:43	$0^{\circ}S$	
direct	2324 Feb 13 09:08	6°518'48					
	2324 Apr 29 18:41	$\Omega^{\circ}\Omega$		conjunction	2329 May 05 07:14	14° <b>8</b> 31'54	
	2324 Jun 24 11:25	0° <b>ट</b> 0°₥		minimum elong	2329 May 05 07:55	14° <b>8</b> 33'10	0°08'38
	2324 Aug 13 08:13 2324 Sep 28 19:19	0° <b>™</b>		behind sun begin behind sun end	2329 May 04 09:01 2329 May 06 06:48	13° <b>8</b> 50'50	
desc. node	2324 Oct 12 15:12	9°ML18'32		asc. node	2329 May 18 12:45	24° <b>8</b> 14'16	
evening set	2324 Oct 12 15:12 2324 Oct 29 15:08	21°ML00'02		ase. Hode	2329 May 26 11:39	0°Ⅱ	
e venning sec	2324 Nov 11 10:56	0° <b>∡</b> ¹		max. Earth dist.	2329 Jun 19 01:06		2.48881 AU
max. Earth dist.	2324 Nov 13 06:53	1° <b>∡</b> 17'52	2.48276 AU	morning rise	2329 Jul 04 21:18	27° <b>Ⅱ</b> 44'11	
					2329 Jul 08 04:32	0ංම	
conjunction	2324 Dec 20 16:42	28° <b>∡</b> ¹28'42	-0°39'27		2329 Aug 22 04:32	$0$ $^{\circ}$ $\Omega$	
minimum elong	2324 Dec 20 14:55	28° <b>∡</b> ¹25'23	0°39'26		2329 Oct 08 16:30	0° <b>m</b>	
	2324 Dec 22 17:48	0°ප			2329 Nov 28 18:33	0∘ <b>⊽</b>	
	2325 Jan 31 06:23	0° <b>≈</b>			2330 Jan 29 20:48	0°M	
morning rise	2325 Feb 17 17:35	13° <b>≈</b> 33'08 0° <b>∀</b>		retrograde	2330 Mar 14 23:01	9°M26'29 1°M02'30	1°45'50
	2325 Mar 10 18:11 2325 Apr 18 01:10	0° <b>Υ</b>		opposition greatest brilliancy	2330 Apr 21 17:10 2330 Apr 22 03:34		-1.6m
	2325 May 27 00:58	0.8 0.1		greatest orimancy	2330 Apr 24 10:46	30°R <u>₽</u>	-1.0111
	2325 Jul 06 16:27	0°II		min. Earth dist.	2330 Apr 27 21:36	•	0.60245 AU
asc. node	2325 Aug 13 14:45	26° <b>Ⅱ</b> 19'26		direct	2330 Jun 01 15:02	21° <b>≏</b> 12'21	
	2325 Aug 19 03:33	0ංම		desc. node	2330 Jun 04 11:25	21° <b>≙</b> 15′27	
	2325 Oct 06 18:34	$0^{\circ}\Omega$			2330 Jul 11 22:27	$0^{\circ}$ M	
	2325 Dec 18 21:55	0° <b>m</b> )			2330 Sep 06 17:03	0° <b>∡</b> ¹	
retrograde	2326 Jan 01 14:17	1° mp 08'48			2330 Oct 20 21:08	0°⋜	
	2326 Jan 14 15:46	30°R <b>Ω</b>	0.65040.477		2330 Nov 30 02:27	0° <b>≈</b>	
min. Earth dist.	2326 Feb 09 10:18 2326 Feb 10 19:59	$21^{\circ} 151^{\circ} 12$ $21^{\circ} \Omega 17^{\circ} 28$	0.67040 AU 4°33'56		2331 Jan 07 18:53 2331 Feb 15 08:51	0° <b>ℋ</b> 0° <b>Ƴ</b>	
opposition greatest brilliancy	2326 Feb 10 19:55 2326 Feb 10 13:55	$21^{\circ}\Omega 23'32$			2331 Feb 13 08.31 2331 Mar 26 21:23	0° <b>8</b>	
direct	2326 Mar 23 00:52	11° <b>Ω</b> 40'56	-1.5111	asc. node	2331 Apr 05 11:44	7° <b>8</b> 07'00	
	2326 May 27 10:30	0° m)		evening set	2331 May 04 03:08	27° <b>8</b> 54'43	
	2326 Jul 22 21:57	0∘ <u>⊽</u>		C	2331 May 07 01:24	0°II	
desc. node	2326 Aug 30 13:28	23° <b>≙</b> 45'39			2331 Jun 19 05:07	0ಂತ	
	2326 Sep 09 04:41	0°M₊					
	2326 Oct 23 06:34	0° <b>∡¹</b>		conjunction	2331 Jun 28 21:48	6°533'11	
	2326 Dec 03 10:15	0°る		minimum elong	2331 Jun 28 20:07	6°930'21	0°47'08
evening set	2326 Dec 21 04:25	13° <b>る</b> 26'52		max. Earth dist.	2331 Jul 22 13:07		2.60229 AU
	2327 Jan 11 14:48 2327 Feb 18 18:33	0° <b>≈</b> 0° <b>∀</b>		morning rise	2331 Aug 03 07:36 2331 Aug 18 06:34	0° <b>Ω</b> 9° <b>Ω</b> 42'10	
	232/100 18 18.33	υ Λ		morning risc	2331 Sep 19 01:36	0° Mp	
conjunction	2327 Feb 22 22:46	3° <b>¥</b> 18′07	-1°03'25		2331 Sep 17 01:30 2331 Nov 06 05:40	0∘ <b>ಹ</b>	
minimum elong	2327 Feb 23 00:05	3° <b>¥</b> 20'42			2331 Dec 26 07:43	0° <b>M</b>	
max. Earth dist.	2327 Feb 23 01:57		2.37028 AU		2332 Feb 19 10:01	0° <b>∡</b> ¹	
	2327 Mar 28 19:50	$0^{\circ}$ $\Upsilon$		desc. node	2332 Apr 21 10:03	21° <b>₹</b> 59'16	
morning rise	2327 May 04 22:17	28° <b>Ƴ</b> 40'34		retrograde	2332 May 03 10:51	22° <b>∡</b> 750′14	
	2327 May 06 16:06	0° <b>8</b>		opposition	2332 Jun 06 17:01	16° <b>х</b> 03′05	
1	2327 Jun 16 02:17	0°II		greatest brilliancy	2332 Jun 07 09:50	15° <b>∡</b> 748'49	
asc. node	2327 Jul 01 14:42	11° <b>Ⅱ</b> 07'02 0° <b>©</b>		min. Earth dist.	2332 Jun 15 05:31	13° <b>х</b> 10′13	0.48108 AU
	2327 Jul 28 18:31 2327 Sep 12 10:10	0ം <b>೮</b> ೧್ಷಾ		direct	2332 Jul 14 08:02 2332 Sep 17 06:34	7° <b>メ</b> 43'26 0° <b>る</b>	
	2327 Sep 12 10.10 2327 Nov 01 17:51	0° <b>m</b> p			2332 Sep 17 00.34 2332 Nov 02 10:15	0°≈	
	2328 Jan 07 18:36	0∘ <b>⊽</b>			2332 Nov 02 10:13 2332 Dec 13 14:36	0 <b>≈</b> 0° <b>∺</b>	
					11.50	- / \	

	2333 Jan 22 20:01	0°Υ			2338 Jan 19 13:20	0°ಕ	
		0° γ 21° <b>Υ</b> 06'52				0°≈	
asc. node	2333 Feb 20 11:23 2333 Mar 04 16:56	0° <b>8</b>			2338 Mar 01 07:00	0° <b>∺</b>	
	2333 Mai 04 16.36 2333 Apr 16 01:00	0°II			2338 Apr 10 00:20 2338 May 19 11:27	0 <del>Υ</del> 0° <b>Υ</b>	
	2333 Apr 10 01:00 2333 May 30 03:17	0°9			2338 Jun 28 20:57	0° <b>8</b>	
evening set	2333 Jun 21 00:31	0 55 14°528'55			2338 Aug 11 08:54	0°II	
evening set	2333 Jul 21 00:31 2333 Jul 14 20:00	14 <b>22</b> 8 3 3 0° <b>Ω</b>			2338 Aug 11 08.34 2338 Oct 05 02:37	0°e 0 π	
	2555 Jul 14 20.00	0 86		asc. node	2338 Oct 03 02.37 2338 Oct 13 08:40	ალი8,05 3°ლი8,05	
conjunction	2333 Aug 08 18:29	16° <b>Ω</b> 03'07	1°08'15	retrograde	2338 Nov 12 18:31	8°952'53	
•	•	16° <b>Ω</b> 02'37		min. Earth dist.	2338 Nov 12 18.31 2338 Dec 15 04:44	1° <b>9</b> 46'21	0.56415 AU
minimum elong max. Earth dist.	2333 Aug 08 18:10 2333 Aug 15 16:25		2.66503 AU	min. Earm dist.	2338 Dec 13 04.44 2338 Dec 19 18:02	1 ≥340 21 30°R∏	0.30413 AU
max. Earm dist.	2333 Aug 13 10:23 2333 Aug 30 14:43	0° m)	2.00303 AU	opposition	2338 Dec 19 18:02 2338 Dec 21 19:19	29° <b>Ⅱ</b> 11'51	2002122
morning rise	2333 Sep 23 07:56	15° Mp 04'40		greatest brilliancy	2338 Dec 21 19:19 2338 Dec 21 00:40	29° <b>I</b> I30'02	-1.8m
morning rise	2333 Sep 23 07:30 2333 Oct 16 20:21	0° <b>⊽</b>		direct	2339 Jan 27 01:03	29 H3002 20°H58'38	-1.0111
	2333 Oct 16 20.21 2333 Dec 03 03:08	0°M		direct	2339 Mar 10 08:37	20 <b>п</b> 3636	
	2334 Jan 19 11:51	0° <b>⊼</b> 1			2339 May 12 07:39	0° <b>U</b>	
	2334 Mar 08 14:27	0°ろ			2339 Jul 03 18:27	0° <b>m</b> p	
desc. node	2334 Mar 09 10:05	0° <b>ろ</b> 30'04				0∘ <b>ਦ</b> الأا	
desc. node		0°≈			2339 Aug 21 15:51	0° <b>M</b>	
ratra ara da	2334 Apr 28 18:25 2334 Jul 17 00:51	0 ≈ 27°≈43'37		evening set	2339 Oct 06 20:13 2339 Oct 13 19:23	4°ML40'31	
retrograde opposition	2334 Aug 16 00:56	27 ≈43 37 22°≈46'57	6050100	max. Earth dist.	2339 Oct 13 19:23 2339 Oct 30 06:45	15°M53'39	2.53129 AU
**	2334 Aug 16 10:30 2334 Aug 16 13:49	22°≈38'25		desc. node	2339 Oct 30 06:33	15°M53'18	2.33129 AU
greatest brilliancy min. Earth dist.	2334 Aug 16 13.49 2334 Aug 18 00:19		0.37560 AU	desc. node	2339 Oct 30 06:33 2339 Nov 19 12:28	13 II <b>6</b> 33 18	
direct	2334 Sep 15 07:19	22 ≈13 33 17°≈39'27	0.57500 AU		2559 NOV 19 12.28	0 ×.	
direct	2334 Oct 31 16:13	0° <b>\</b>		conjunction	2339 Dec 02 01:45	8° <b>₹</b> 755'43	0010122
	2334 Dec 23 08:39	0°Υ		minimum elong	2339 Dec 02 01:43 2339 Dec 02 00:53	8° 🗷 54'10	
asc. node	2335 Jan 08 09:19	10° <b>Υ</b> 16'46		minimum ciong	2339 Dec 02 00:33 2339 Dec 30 23:45	0°る	0 1922
asc. node	2335 Feb 07 10:38	0° <b>8</b>		morning rise	2340 Jan 24 19:31	0 3 18° <b>る</b> 36'18	
	2335 Mar 24 22:03	0°II		morning rise	2340 Jan 24 19:31 2340 Feb 08 18:06	0°≈	
	2335 May 10 01:35	0°©			2340 Mar 18 11:36	0° <b>∺</b>	
	2335 Jun 26 01:03	0°Ω			2340 Mai 18 11.30 2340 Apr 25 23:19	0° <b>Υ</b>	
evening set	2335 Jul 30 22:42	22° <b>Ω</b> 06'15			2340 Jun 04 03:23	0°8	
evening set	2335 Aug 12 10:01	0° m			2340 Jul 15 01:54	0°II	
max. Earth dist.	2335 Sep 07 23:07	-•	2.67323 AU		2340 Aug 28 08:38	0°©	
max. Earth dist.	2333 Sep 07 23.07	10 IJ 31 44	2.07323 AO	asc. node	2340 Aug 30 07:42	1° <b>©</b> 15'05	
conjunction	2335 Sep 14 16:46	21°m/09'31	1°00'24	asc. node	2340 Oct 19 10:29	0°Ω	
minimum elong	2335 Sep 14 10:40 2335 Sep 14 17:41	21° mp 11'00		retrograde	2340 Dec 19 03:18	17° <b>Ω</b> 52'49	
minimum clong	2335 Sep 14 17:41 2335 Sep 28 12:10	0° <u>Ω</u>	1 00 24	min. Earth dist.	2341 Jan 25 09:36		0.65272 AU
morning rise	2335 Oct 28 23:08	0 <b>==</b> 19° <b>£</b> 41'13		opposition	2341 Jan 28 07:50	7° <b>Ω</b> 55'52	
morning rise	2335 Nov 13 17:34	0° <b>M</b>		greatest brilliancy	2341 Jan 27 20:02	8° <b>Ω</b> 07'41	
	2335 Dec 28 18:49	0° <b>⊼</b> ¹		greatest of financy	2341 Feb 21 22:44	30°Rூ	1.4111
desc. node	2336 Jan 25 09:03	18° <b>×</b> 747'00		direct	2341 Mar 08 16:41	28°936'09	
dese. Hode	2336 Feb 10 15:26	0°る		direct	2341 Mar 24 08:07	0° <b>Ω</b>	
	2336 Mar 24 11:54	0° <b>≈</b>			2341 Jun 08 15:27	0° <b>m</b> )	
	2336 May 05 19:56	0° <b>)</b> €			2341 Jul 31 09:37	0∘ <b>ಹ</b>	
	2336 Jun 18 00:32	0° <b>Υ</b>		desc. node	2341 Sep 16 05:13	29° <b>≏</b> 38'30	
	2336 Aug 06 05:07	0°8		<del></del>	2341 Sep 16 18:15	0° <b>M</b>	
retrograde	2336 Sep 26 01:39	15° <b>8</b> 13'33			2341 Oct 30 14:30	0° <b>∡</b> 7	
min. Earth dist.	2336 Oct 23 03:14		0.43407 AU	evening set	2341 Nov 28 17:18	21° <b>х</b> 02'43	
opposition	2336 Oct 31 03:13	7° <b>8</b> 34'45			2341 Dec 10 18:37	0°ਰ	
greatest brilliancy	2336 Oct 30 17:22	7° <b>8</b> 42'59		max. Earth dist.	2341 Dec 18 21:29		2.40344 AU
asc. node	2336 Nov 25 08:30	1° <b>8</b> 38'00			2342 Jan 19 01:28	0° <b>≈</b>	
direct	2336 Dec 01 22:39	1° <b>8</b> 20'26					
	2337 Feb 22 04:22	0°Щ		conjunction	2342 Jan 26 08:38	5° <b>≈</b> 40'54	-1°02'31
	2337 Apr 16 00:33	0ಂತಾ		minimum elong	2342 Jan 26 07:17	5° <b>≈</b> 38'17	
	2337 Jun 04 23:57	$0^{\circ}\Omega$		3	2342 Feb 26 07:29	0° <b>)</b> €	
	2337 Jul 23 19:06	0° m/y		morning rise	2342 Apr 04 18:38	29° <b>∺</b> 30′01	
evening set	2337 Sep 04 22:29	27° m 10'54		Č	2342 Apr 05 09:57	$0^{\circ}\mathbf{\Upsilon}$	
J	2337 Sep 09 08:09	0∘ <b>⊽</b>			2342 May 14 06:14	0°8	
max. Earth dist.	2337 Sep 30 20:22		2.62746 AU		2342 Jun 23 16:33	0°II	
	·r · · · · · · · ·			asc. node	2342 Jul 18 06:11	17° <b>Ⅱ</b> 27'19	
conjunction	2337 Oct 20 16:57	26° <b>≏</b> 58'30	0°29'12		2342 Aug 05 12:12	0°ಅ	
minimum elong	2337 Oct 20 17:53	27° <b>♀</b> 00'02			2342 Sep 20 19:36	0°N	
	2337 Oct 25 06:04	0°M			2342 Nov 12 22:19	0° <b>m</b> )	
morning rise	2337 Dec 06 00:13	28°M24'15		retrograde	2343 Jan 22 14:04	21° mp 40'14	
Č	2337 Dec 08 07:21	0° <b>∡</b> 7		opposition	2343 Mar 03 13:29	12° m) 05'40	4°16'37
desc. node	2337 Dec 12 07:43	2° <b>₹</b> 47'55		greatest brilliancy	2343 Mar 03 16:30	-	-1.3m

min Earth dist	2242 Mar 04 12:29	110 <b>m</b> 42!40	0.67750 ATT		2240 Iul 21 17:27	0° <b>Ω</b>	
min. Earth dist.	2343 Mar 04 12:38		0.67750 AU		2348 Jul 21 17:27	0.91	
direct	2343 Apr 13 15:39	2°Mp11'27 0°Ω		aaniumatian	2249 Iul 24 10:24	1° <b>Ω</b> 45'48	1°03'55
desc. node	2343 Jul 06 10:55 2343 Aug 04 03:36	0 <u>≈</u> 16° <b>Ω</b> 07'25		conjunction minimum elong	2348 Jul 24 10:34 2348 Jul 24 09:38	1° <b>Ω</b> 44'16	1°03'55
desc. node	2343 Aug 26 18:30	0°M		max. Earth dist.	2348 Aug 06 08:28	10°Ω07'00	2.64690 AU
	2343 Oct 10 17:12	0° <b>∕</b> 7¹		max. Earth dist.	2348 Sep 06 09:57	0°m)	2.04090 AU
	2343 Nov 21 02:23	% ਨ		morning rise	2348 Sep 09 09:07	1° Mp 53'07	
	2343 Dec 30 07:02	0°≈		morning risc	2348 Oct 23 21:16	0∘ <b>⊽</b>	
evening set	2344 Jan 31 06:08	0 <b>~</b> 25° <b>≈</b> 08'03			2348 Dec 10 22:27	0° <b>™</b>	
evening sec	2344 Feb 06 09:49	0° <b>∀</b>			2349 Jan 29 01:47	0° <b>⊼</b>	
	2344 Mar 15 10:57	0° <b>Υ</b>			2349 Mar 22 14:31	0°ਰ	
	251111111111111111111111111111111111111	V 1		desc. node	2349 Mar 26 00:45	1°る48'40	
conjunction	2344 Apr 08 13:47	18° <b>Y</b> '43'12	-0°35'46	retrograde	2349 Jun 14 17:45	28° <b>る</b> 56'57	
minimum elong	2344 Apr 08 16:40	18° <b>Y</b> ′48'45		opposition	2349 Jul 16 00:19	23° <b>る</b> 29'35	-5°39'41
	2344 Apr 23 08:18	0°8		greatest brilliancy	2349 Jul 17 05:45	23° <b>る</b> 08'02	
max. Earth dist.	2344 May 29 21:47	_	2.43459 AU	min. Earth dist.	2349 Jul 22 08:34	21° <b>る</b> 38'38	0.40478 AU
	2344 Jun 02 19:56	0°II		direct	2349 Aug 18 05:56	17° <b>ට</b> 10'53	
asc. node	2344 Jun 04 05:46	1° <b>II</b> 01'08			2349 Oct 03 17:25	0° <b>≈</b>	
morning rise	2344 Jun 13 13:16	7° <b>Ⅱ</b> 42'16			2349 Nov 23 06:39	0° <b>∀</b>	
Č	2344 Jul 15 10:31	0° <b>©</b>			2350 Jan 05 23:34	0° <b>Υ</b>	
	2344 Aug 29 13:02	$0^{\circ}\Omega$		asc. node	2350 Jan 25 02:19	13° <b>Y</b> ′22'59	
	2344 Oct 16 16:58	0° <b>m</b>			2350 Feb 17 21:58	0°B	
	2344 Dec 09 10:04	0∘ <u>⊽</u>			2350 Apr 02 16:21	$\Pi^{\circ}0$	
retrograde	2345 Feb 27 00:42	25° <b>≙</b> 25'50			2350 May 17 18:50	0ංම	
opposition	2345 Apr 06 16:06	16° <b>≙</b> 36'31	2°45'40		2350 Jul 03 03:15	$0^{\circ}\Omega$	
greatest brilliancy	2345 Apr 07 03:58	16° <b>≙</b> 25'00	-1.5m	evening set	2350 Jul 16 01:38	8° <b>Ω</b> 16′18	
min. Earth dist.	2345 Apr 11 10:58	14° <b>≏</b> 45'19	0.63608 AU	-	2350 Aug 19 04:48	0° <b>m</b> )	
direct	2345 May 18 00:19	6° <b>ჲ</b> 36'34		max. Earth dist.	2350 Aug 30 01:30	6° Mp 54′22	2.67656 AU
desc. node	2345 Jun 21 03:18	12° <b>≏</b> 55'16					
	2345 Jul 29 11:48	$0^{\circ}$ M		conjunction	2350 Aug 31 14:52	7° <b>m</b> 53'48	1°06'27
	2345 Sep 17 02:57	0° <b>∡</b> ¹		minimum elong	2350 Aug 31 15:25	7° <b>m</b> 54'41	1°06'28
	2345 Oct 29 20:52	8°0			2350 Oct 05 06:44	0∘ <b>⊽</b>	
	2345 Dec 08 13:18	0°≈		morning rise	2350 Oct 15 00:44	6° <b>£</b> 14'52	
	2346 Jan 15 22:29	0° <b>∀</b>			2350 Nov 20 19:28	$0^{\circ}$ M	
	2346 Feb 23 06:16	$0^{\circ}$ Y			2351 Jan 05 12:48	0° <b>∡</b> ¹	
	2346 Apr 03 12:16	$9^{\circ}$ 8		desc. node	2351 Feb 11 00:06	24° <b>∡</b> 17'37	
evening set	2346 Apr 10 19:57	5° <b>8</b> 28'16			2351 Feb 19 12:18	0°ಕ	
asc. node	2346 Apr 22 03:59	13° <b>8</b> 51'32			2351 Apr 05 01:35	0° <b>≈</b>	
	2346 May 14 09:39	$\Pi$ °0			2351 May 20 04:06	0° <b>∀</b>	
					2351 Jul 09 00:15	0° <b>Υ</b>	
conjunction	2346 Jun 09 17:22	18° <b>Ⅲ</b> 34'31		retrograde	2351 Sep 02 11:44	17° <b>Ƴ</b> 16'30	
minimum elong	2346 Jun 09 15:48	18° <b>Ⅲ</b> 31'48	0°29'32	min. Earth dist.	2351 Sep 29 01:25	12° <b>Y</b> 48′56	0.39171 AU
	2346 Jun 26 07:29	$0$ $\circ$ $60$		opposition	2351 Oct 04 23:24	11° <b>Y</b> ′04'53	
max. Earth dist.	2346 Jul 11 04:31	10° <b>©</b> 04'13	2.56336 AU	greatest brilliancy	2351 Oct 04 05:27	11° <b>Y</b> 18′05	-2.8m
morning rise	2346 Aug 02 07:24	24° <b>5</b> 346'12		direct	2351 Nov 03 22:56	5° <b>Y</b> 45'28	
	2346 Aug 10 07:04	$0$ ° $\Omega$		asc. node	2351 Dec 13 01:45	14° <b>Y</b> ′21′26	
	2346 Sep 26 04:36	0° <b>m</b> )			2352 Jan 15 06:07	0° <b>8</b>	
	2346 Nov 14 02:37	0∘ <b>ফ</b>			2352 Mar 07 08:01	0°II	
	2347 Jan 05 13:09	0°M,			2352 Apr 25 07:26	0°©	
_	2347 Mar 14 15:10	0° <b>∡</b> 7			2352 Jun 12 17:52	0° <b>N</b>	
retrograde	2347 Apr 12 13:14	4° <b>⋌</b> ¹27'23			2352 Jul 30 20:08	0° <b>m</b> )	
desc. node	2347 May 09 02:22	0° <b>∡</b> 107'00		evening set	2352 Aug 21 14:35	13° <b>m</b> 43'24	
•,•	2347 May 09 11:18	30°RM.	0026102	To all III	2352 Sep 16 03:17	0° <b>亞</b>	2 (51(1 ATT
opposition	2347 May 18 10:54	26°M55'34		max. Earth dist.	2352 Sep 21 06:09	3°441/34	2.65161 AU
greatest brilliancy	2347 May 18 14:01	26°M52'45	-2.0m		2252.0 + 06.00.22	120 2 51110	0042145
min. Earth dist.	2347 May 26 11:28	24°M02'30	0.53325 AU	conjunction	2352 Oct 06 00:33	12° <b>£</b> 51'10	0°43'45
direct	2347 Jun 26 20:48	17°M45'21		minimum elong	2352 Oct 06 01:40	12° <b>♀</b> 52'58	0°43'45
	2347 Aug 12 18:35	%マ 0°る		morning riss	2352 Nov 01 02:51	0°M 12°M 40'41	
	2347 Oct 03 12:07	0° <b>≈</b>		morning rise	2352 Nov 20 01:42	12°M40'41	
	2347 Nov 14 18:53	0° <b>Ж</b>		desc. node	2352 Dec 15 11:39	0° द्र <sup>7</sup> 9° द्र <sup>7</sup> 20'26	
	2347 Dec 24 11:43	0° <del>Υ</del> 0°Υ		uesc. node	2352 Dec 28 23:10		
asa nada	2348 Feb 01 19:12 2348 Mar 09 02:38	0°γ 27° <b>Υ</b> 10'11			2353 Jan 27 05:44 2353 Mar 09 14:13	್ಲಿ %%	
asc. node	2348 Mar 12 22:58	0° <b>8</b>			2353 Mar 09 14:13 2353 Apr 18 23:54	0° <b>∺</b>	
	2348 Mar 12 22:38 2348 Apr 23 16:55	0°U			2353 Apr 18 23:34 2353 May 29 06:04	0° <b>Υ</b>	
evening set	2348 Jun 03 12:34	28° <b>Ⅱ</b> 06'16			2353 Jul 09 22:09	0°8	
croming set	2348 Jun 06 08:03	28 <b>п</b> 00 10			2353 Jul 09 22:09 2353 Aug 26 02:50	0°II	
	23-10 Juli 00 00.03	v <b>-</b>			2333 11ug 20 02.30	ν <u>н</u>	

Section   Sect	ratra ara da	2252 Oct. 27, 00:44	20° <b>∏</b> 42'18			2250 San 04 01:20	0°M	
min flatiding proteins brillance (150 per particular brillance) (150 p	retrograde	2353 Oct 27 00:44				2358 Sep 04 01:20		
generationation of proposition of 1535 pcc 40 org 1.0 1 1930 or 1.0 1930 or 1.				0.51525 AII				
September   Sep					avaning sat			
Simple					evening set			
2344 May 2 1 2 1 2 2 2 3 4 3 2 2 2 3 6 2 4 3 2 2 2 3 4 3 2 2 2 3 4 3 2 2 3 4 3 2 2 3 4 3 2 2 3 4 3 2 2 3 4 3 2 2 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 4 3 2 3 3 3				1 43 36				
1948   1948	direct					2539 Feb 15 25.17	0 K	
234   1   1235   0   19   19   19   19   19   19   19					agnismation	2250 Mar 11 11:44	200¥10!11	0057104
234 Aug. 28 18/00		•			-			
eyening         255 kpc 28 0.922         19-68 kg         28-14 kg         23-14 kg					minimum elong			0 3703
name Earth dist         2345 Oct 13 18:30         0°R         moming rise         2359 Unit 1 0:516         0°R           name Earth dist         2354 Oct 17 1906         21 18/18/55         0°00'50         asc. node         2359 Unit 1 0:516         0°T           conjunction         2354 Nov 14 12:20         21 18/18/55         0°00'50         asc. node         2359 Unit 1 0:514         0°D           behind sum coll         2354 Nov 15 11:30         22 18/18/55         0°00'50         1 cm         2359 Oct 26 10:11         0°D           desc. node         2354 Nov 15 11:30         22 78/10'15         crorograde         2359 Oct 26 10:11         0°D         0°D           morning rise         2355 Nov 15 01:22         227-810'15         opposition         2360 Mar 21 14:55         3°A0'22         3'30'22         3'30'22         3'20'24         -crorograde           according for         2355 Nov 15 113         0°P         dree         dree         2360 Mar 21 14:55         3°A0'22         3'20'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43         0'660'24         1'40'43	. ,				E d E d			2 20200 411
max. Earth dish         25 Now 14 1220         27 Hal Ver         25 74 SAU         moniminer         235 Man 10 160         14° U112         14° U112         27 Hal S55         0'0050         ase. node         235 Man 12 1044         7 T13932         - PT13932         - PT13	evening set				max. Earth dist.	•		2.38380 AU
conjunction         234 Nov   4   12.00         21   12   12   12   13   13   10   10   10   10   10   10	E d F			0.57445.411		•		
Power part   Po	max. Earth dist.	2354 Oct 1/ 19:06	2°11L41'46	2.5/445 AU	morning rise	•		
minum along         23.54 Nov 14 12/21         21°BLASS         0°00'50         - Composition         23.59 Nov 10 239         0°CB         - Composition         23.59 Nov 10 2304         22°BLATE         - Composition         23.59 Nov 12 2104         0°CB         - Composition         23.69 Nov 12 2145         0°CB         23.59 Nov 10 2202         0°CB         - Composition         23.60 Nov 12 2145         0°CB         23.50 Nov 10 2202         0°CB         - Composition         23.60 Mar 2 14:55         3° 20/220         3° 30/324         0°CB         - Composition         23.60 Mar 3 14:55         3° 20/220         3° 30/324         0°CB         - Composition         23.60 Mar 3 14:55         3° 20/220         3° 20/			m					
behind sun begin         25 Al Nov 13 18.06         2 1910.073         certain desc. node         2354 Nov 15 013-2         22 10.3347         2359 Oez 26 10:11         0°B           desc. node         2354 Nov 15 013-20         0°P         1 ertorgate         2359 Dec 24 12:14         0°B         2 12.22           morning rise         2355 Jan 07 06:57         0°B         retrograde         2360 Mar 24 00:50         245240         1 4-4438         0.60024 AU           2355 Mar 27 09:58         0°H         consistent         2360 Mar 24 00:50         245246         1 4-4438         0.60024 AU           2355 Mar 27 09:58         0°H         direct         2360 Mar 31 11:17         3074g         0.60024 AU           2355 Mar 30 08:15         0°H         direct         2360 Mar 31 11:17         3074g         0.60024 AU           2355 Mar 30 08:207         0°H         direct         2360 Mar 31 11:17         3074g         0.60024 AU           2355 Mar 30 08:207         0°H         desc. node         2360 Mar 0.0012         0°P         0°P           2355 Mar 30 08:207         0°H         0°H         0         0°H         0         0°H           2355 Mar 30 08:207         0°H         0°H         0         0         0         0         0	·				asc. node			
Debits of the Standard	•			0°00'50				
does. node         235 Nov 1 5 21:43         2°Pu 33737         retrograde         2350 Nov 2 1 21:45         0°A         retrograde         2360 Nov 2 1 1:45         242 12:12         γ           morning rise         2355 Jan 03 10:22         27°Pu 10°15         eretrograde         2360 Mar 23 11:55         3°A0:223         3°30'33           2355 Sha 10 60         0°Fe         grates thrilliane         2360 Mar 23 11:15         0°Pu 45:48         0.6004 AU           2355 Mar 27 09:58         0°Pu         direct         2360 Mar 31 11:15         0°Pu 45:48         0.6004 AU           2355 Mar 13 15:05         0°B         direct         2360 Jun 09 16:03         0°Pu         0°Pu           2355 Mar 13 15:05         0°B         0°B         3260 Jun 09 16:03         0°Pu         0°Pu           2355 Mar 20 10:05         0°B         0°B         4°Pu         2360 Jun 09 16:03         0°Pu           2355 Navi 00 23:32         0°Fu         desc. node         2360 Nav 10 07:32         0°Pu         0°Pu           retrograde         2355 Dec 06 06:27         3°LSS Par 10 07:48         0°LSS Par 10 07:48         0°Pu	•					•		
morning rise         23.5 Nov 2 f 13.20         0°Pc         retinegade         23.60 Nov 2 1 4.50         3°A 20229         37.00 Not 2         29.00 Nor 2 3 14.55         3°A 20229         37.00 Not 2         20.00 Nor 2 1 4.50         3°A 20229         37.00 Not 2         20.00 Nor 2 1 4.50         3°A 20229         37.00 Not 2         20.00 Nor 2 1 4.50         3°A 20229         3.00 Nor 2 1 4.50         3°A 20229         3.00 Nor 2 1 4.50         3°A 20229         3.00 Nor 2 1 4.50         3°A 20229         3°A 20229         3.00 Nor 2 1 4.50         3°A 30 Nor 2 1 4.50         3°A 3								
morning rise    255 Jan   07 00-57   07 8   7 0 9 9 8   7 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	desc. node							
2355 km   07   06.57   0°B   5°B   0°B					•			
2355 Feb 16 09.01   0°se   min. Earth dist.   2360 Mar j 0 1.2220   1°s 2.4138   0.60024 AU   2355 Mar j 27 09.58   0°F4   direct   2360 Mar j 0 1.117   30°km   2376 Mar j 0 1.07   1841   1°s 2376 Mar j 0 1°s 2377 Mar j 0	morning rise	2355 Jan 03 10:22				2360 Mar 23 14:55	3° <b>ჲ</b> 02'29	3°30'33
2355 May 0 5 0415   0°P'   direct   2360 May 3 1 11-17   30°R m   2355 May 0 5 0415   0°P'   direct   2360 May 0 4 01-34   2378 m   0°P'   2355 May 13 15.05   0°P'   desc. node   2360 Jun 0 1 16.04   17 18-34   17 18-34   18 18-		2355 Jan 07 06:57	0°₹		greatest brilliancy	2360 Mar 24 00:50	2° <b>≏</b> 52'46	-1.4m
Company   Com		2355 Feb 16 09:01			min. Earth dist.	2360 Mar 26 22:20	1° <b>≏</b> 44'38	0.66024 AU
2355 Jul 25 Jul 55   90 PC   desc. node   2360 Jul 09 16.03   0°A   leas. node   2360 Jul 07 18.41   leas. node   2365 Jul 25		2355 Mar 27 09:58				2360 Mar 31 11:17	30°₽,₩)	
285 Nul   25 0156   0°II   1   26 00°II   2360 Nul   10°II   11°II   25 00°II   26 00°II   2360 Nul   10°II   25 00°II   2360 Nul		2355 May 05 04:15	$0$ ° $\Upsilon$		direct	2360 May 04 01:48	23° Mp 00'40	
asc. node		2355 Jun 13 15:05	0°B			2360 Jun 09 16:03	0∘ <b>⊽</b>	
asc. node   2355 Sp   6 2348   4°96/23   0°16   2356 Nov   10 2332   0°16   2356 Nov   10 2352   2356 Nov   10 18:59   25°64149   0.62532 AU   2361 Mar   3 00.15   0°14   2361 Mar   3 00.15   0°16   2361 Mar   3 00.15   0°1		2355 Jul 25 01:56	$\Pi^{\circ}0$		desc. node	2360 Jul 07 18:41	11° <b>≏</b> 50'41	
Petrograde   2355 Nov   10   23:32   0° R		2355 Sep 08 22:07	$0$ $\circ$ $\odot$			2360 Aug 10 07:21	$0^{\circ}$ M $\cdot$	
Petrograde   2355 Dec   06   06.27   3   2   3   3   3   3   3   4   4   3   3   3	asc. node	2355 Sep 16 23:48	4° <b>©</b> 46'23			2360 Sep 26 05:42	0° <b>∡</b> ¹	
Min. Earth dist		2355 Nov 10 23:32	$0^{\circ}\Omega$			2360 Nov 07 05:53	0°ප	
min. Earth dist.	retrograde	2355 Dec 06 06:27	3° <b>Ω</b> 53'17			2360 Dec 16 15:30	0° <b>≈</b>	
opposition         2356 Jan 15 105:18         23°Ø55'47         4°10'29         evening set         2361 Mar 15 13:13         9°P'44'36         Percentage           direct         2356 Feb 22 13:27         24°Ø57'17         -1.5m         acc. node         2361 Mar 15 13:13         0°B'         Percentage           2356 Aug         20 10:26         0°Q         conjunction         2361 May 18 20:50         28°B0127         0°633           2356 Aug         80 68:09         0°Q         conjunction         2361 May 18 22:56         28°B0036         0°633           evening set         2356 Nov 06 18:42         0°Z         max. Earth dist.         2361 May 17 23:17         27°B1751           evening set         2356 Nov 08 23:01         1°Z*3242         max. Earth dist.         2361 May 19 22:36         28°B0317         251692 AU           max. Earth dist.         2356 Nov 08 23:05         1°Z*30242         max. Earth dist.         2361 Jul 15 1931         8°B22459           evening set         2356 Nov 08 23:01         1°Z*30242         max. Earth dist.         2361 Jul 15 1931         8°B22459           evening set         2357 Jul 20 11:25         1°Z*30242         morning rise         2361 Jul 15 1931         9°B           exonjunction         2357 Jul 20 11:22         1°Z*3024		2355 Dec 30 00:07	30° <b>₹ॐ</b>			2361 Jan 23 20:34	0° <b>)</b> €	
greatest brilliancy	min. Earth dist.	2356 Jan 10 18:59	25° <b>5</b> 41'49	0.62532 AU		2361 Mar 03 00:15	$0^{\circ}$ Y	
direct   2356 Feb 22 13:27   14°E55717   3cc. node   2361 May 08 20:20   20°B3934   2366 Apr 20 10:26   0°Ω   2356 Apr 20 10:26   0°Ω   2356 Aug 08 06:59   2356 Aug 08 20:20   0°R   2361 May 18 22:56   22°8'0036   0°06'33   2361 Aug 17 23:17   27°8'1751   27°8'1751   27°8'1751   256 Nov 06 18'42   0°₽   2361 May 21 17:09   0°T   2361 May 19 22:36 28°8'4317   251692 AU   2361 May 19 22:36 236 236 236 236 236 236 236 236 236 2	opposition	2356 Jan 15 05:18	23°955'47	4°10'29	evening set	2361 Mar 15 13:13	9° <b>Ƴ</b> 44'36	
direct   2356 Feb 22 13:27   14°E55717   3cc. node   2361 May 08 20:20   20°B3934   2366 Apr 20 10:26   0°Ω   2356 Apr 20 10:26   0°Ω   2356 Aug 08 06:59   2356 Aug 08 20:20   0°R   2361 May 18 22:56   22°8'0036   0°06'33   2361 Aug 17 23:17   27°8'1751   27°8'1751   27°8'1751   256 Nov 06 18'42   0°₽   2361 May 21 17:09   0°T   2361 May 19 22:36 28°8'4317   251692 AU   2361 May 19 22:36 236 236 236 236 236 236 236 236 236 2		2356 Jan 14 12:45	24°©12'17	-1.5m	C	2361 Apr 11 01:15	0° <b>႘</b>	
2356 Apr 20 10:26   0°\$\(\alpha\)   18 13:37   0°\$\(\bar\)   0°\$\(\ba	direct	2356 Feb 22 13:27	14° <b>©</b> 57'17		asc. node	•		
2356 Jun 18 13:37   0° m   conjunction   2361 May 18 23:25   28° 80127   0°06'33   236 May 08 06:59   24 01:21   0° m   behind sun begin   2361 May 17 23:17   27° 817° 1   27° 81° 1   27° 81		2356 Apr 20 10:26	$0^{\circ}\Omega$			•		
2356 Aug		2356 Jun 18 13:37	0° m/		conjunction	2361 May 18 23:25	28° <b>8</b> 01'27	0°06'33
desc. node   2356 Sep 24 01:21   0°R   behind sun begin   2361 May 17 23:17   27°81751   28°843'17   28°84'317		2356 Aug 08 06:59			•	•		0°06'33
Seconde   2356 Nov 06 18:42   0°\$\times   2361 May 19 22:36   28°\$\times   2361 May 19 22:36   0°\$\times			0°M		Č	-	27° <b>8</b> 17'51	
Part	desc. node	•			-	•		
Pevening set   2356 Nov 08 23.01   1°\$\times 3242   2.5400 AU   2.66*\times 1.755   2.51692 AU   2.361 Jul 03 10.24   0°\$\times 2.366 Nov 23 15.55   12°\$\times 0.51   0°\$\times 1.2240 AU   2.361 Jul 03 10.24   0°\$\times 2.361 Jul 15 19.31   8°\$\times 2.361 Jul 17 08.41   0°\$\times 2.362 Jul 18 10.04   0°\$\								
max. Earth dist. 2356 Nov 23 15:55	evening set				max. Earth dist.	•		2.51692 AU
Morning rise   2361 Duc 18 00:51   0°δ   Morning rise   2361 Jul 15 19:31   8°524'59	•			2.45400 AU	man. Darm dist.			2.010,2110
conjunction 2357 Jan 02 01:48 11°δ18'31 -0°49'48 2361 Nov 22 14:45 0°Φ 2357 Jan 01 23:44 11°δ14'36 0°49'47 2361 Nov 22 14:45 0°Φ 2357 Jan 01 23:44 11°δ14'36 0°49'47 2362 Jan 18 10:04 0°M 2363 Jan 02 10:04 0°M 2363 Jan	man. Bartin dist.			2.10.00110	morning rise			
Conjunction   2357 Jan   02   01:48   11° S18'31   -0°49'48   2361 Oct   03   13:13   0° M     minimum elong   2357 Jan   01   23:44   11° S14'36   0°49'47   2361 Nov   22   14:45   0° Ω     morning rise   2357 Mar   05   14:24   29° ≈46'49   retrograde   2362 Mar   24   17:13   18° M.23'21     2357 Mar   05   21:06   0° M   opposition   2362 Apr   30   21:43   10° M.15'56   1°03'13     2357 Apr   13   02:14   0° M   opposition   2362 Apr   30   21:43   10° M.01"   1.7 m     2357 May   22   00:04   0° M   ope   opposition   2362 May   01   05:56   10° M.09'11   -1.7 m     2357 May   22   00:04   0° M   ope   opposition   2362 May   07   19:58   7° M.40'39   0.57998 AU     2357 May   23   22:53   23° M.27'43   opposition   2362 May   25   17:22   2° M.15'31     asc. node   2357 Aug   03   22:53   23° M.27'43   ope   opposition   2362 May   25   17:22   2° M.16'01     asc. node   2357 Aug   03   22:53   23° M.27'43   ope   opposition   2362 May   25   17:22   2° M.16'01     asc. node   2357 Aug   03   22:53   23° M.27'43   ope   opposition   2362 May   25   17:22   2° M.16'01     asc. node   2357 Aug   03   25:58   ope   ope   ope   opposition   2362 May   25   17:22   2° M.16'01     asc. node   2358 Feb   16   ope   opposition   ope   opposition   2358 Feb   16   ope   opposition								
Minimum elong   2357 Jan   01   23:44   11°δ14'36   0°49'47   2361 Nov   22   14:45   0°4   0°4   0°4   0°4   0°4   0°4   0°4   0°4   0°4   0°5	conjunction	2357 Jan 02 01:48	11°₹18'31	-0°49'48		•		
2357 Jan 26 11:25   0°≈   retrograde   2362 Jan 18 10:04   0°m     18°m   2362 Jan 18 10:04   17:13   18°m   2311   18°m   2	·						-	
Morning rise   2357 Mar 05 14:24   29°≈46'49   retrograde   2362 Mar 24 17:13   18°				2 :2 !/				
2357 Mar 05 21:06   0° H   opposition   2362 Apr 30 21:43   10° II 15′56   1°03′13   2357 Apr 13 02:14   0° Υ   greatest brilliancy   2362 May 01 04:56   10° II 09′II -1.7m   2357 May 22 00:04   0° Β   min. Earth dist.   2362 May 07 19:58   7° II 40′39   0.57998 AU   2357 Jul 01 12:24   0° II   desc. node   2362 May 25 17:22   2° II 15′31   2357 Aug 03 22:53   23° II 27′43   direct   2362 Jun 10 10:25   0° II 36′01   2357 Aug 13 15:14   0° Φ   2357 Sep 30 01:58   0° Ω   2362 Aug 29 23:10   0° X   2362 Aug 29 23:10   0° X   2357 Nov 28 15:35   0° III   0° Φ   2362 Nov 24 11:32   0° Φ   2358 Feb 16 09:33   30° R Ω   2363 Jan 02 10:40   0° H   0° Φ   2368 Feb 10 05:29   0° Υ   00° Φ	morning rise				retrograde			
2357 Apr 13 02:14 0°♥ greatest brilliancy 2362 May 01 04:56 10°	morning rise				•			1°03'13
2357 May 22 00:04 0° 8 min. Earth dist.   2362 May 07 19:58 7° M.40'39 0.57998 AU					**	•		
asc. node    2357 Jul   01   12:24   0°		•				•		
asc. node    2357 Aug 03   22:53   23°   127'43   direct   2362 Jun 10   10:25   0°   10.36'01     2357 Aug 13   15:14   0° □   2362 Aug 29   23:10   0° 丞     2357 Sep 30   01:58   0° Ω   2362 Oct 14   17:13   0° ℤ     2357 Nov 28   15:35   0°   10   2362 Nov 24   11:32   0° ☒     2358 Jan 09   04:58   8°   10.58'02   2363 Jan   02   10:40   0° ℋ     2358 Feb 16   09:33   30° № Ω   2363 Feb 10   05:29   0° ♈     0pposition   2358 Feb 18   09:54   29° Ω11'43   4°30'51   2363 Mar 21   21:57   0° ☒     greatest brilliancy   2358 Feb 18   07:09   29° Ω14'28   -1.3m   asc. node   2363 Mar 26   20:12   3° ☒ 38'56     min. Earth dist.   2358 Feb 17   20:27   29° Ω25'10   0.67582 AU   2363 May 02   05:27   0° Ⅲ     direct   2358 Mar 31   00:09   19° Ω27'48   evening set   2363 May 16   02:34   9° Ⅲ 46'36     2358 May 17   01:08   0° Ⅲ   2363 Jun 14   11:48   0° ⑤ □     2358 Jul 16   21:10   0° ♀ □   2363 Jun 14   11:48   0° ⑤ □     2358 Jul 16   21:10   0° ♀ □   2363 Jun 14   11:48   0° ⑤ □     2362 Aug 29   23:10   0° ☒ 27'48   evening set   2363 Jun 14   11:48   0° ⑥ □     2362 Aug 29   23:10   0° ☒ 27'48   evening set   2363 Jun 14   11:48   0° ⑥ □     2362 Aug 29   23:10   0° ☒ 27'48   evening set   2363 Jun 14   11:48   0° ⑥ □     2362 Aug 29   23:10   0° ☒ 2363 Jun 14   11:48   0° ⑥ □     2363 May 17   01:08   0° Ⅲ   0.67582 AU   0.6758								0.57770710
2357 Aug 13 15:14 0°S 2362 Aug 29 23:10 0°₹ 2357 Sep 30 01:58 0°€ 2357 Nov 28 15:35 0°M 2362 Nov 24 11:32 0°≈ 2362 Nov 24 11:32 0°≈ 2362 Nov 24 11:32 0°≈ 2363 Jan 02 10:40 0°H 2358 Feb 16 09:33 30°R€ 2358 Feb 16 09:33 30°R€ 2363 Feb 10 05:29 0°Y 2363 Feb 10 05:29 0°Y 2363 Mar 21 21:57 0°8 2363 Mar 21 21:57 0°8 2363 Mar 26 20:12 3°838′56 2363 Mar 31 00:09 19°€27′48 evening set 2363 May 16 02:34 9°∏46′36 2358 May 17 01:08 0°M 2358 Jul 16 21:10 0°£	asc node					•		
2357 Sep 30 01:58 0°\$\ldot\text{\$\Omega\$}\text{2357 Nov 28 15:35} 0°\$\text{m}\text{\$\Omega\$}\te	asc. node	-			uncer			
2357 Nov 28 15:35   0° m   2362 Nov 24 11:32   0° ≈		•				•		
2358 Jan   09   04:58   8° \text{\$\text{\$\sigma}\$58'02}   2363 Jan   02   10:40   0° \text{\$\chi}\$   0   0   0   0   0   0   0   0   0		•						
2358 Feb 16 09:33 30°RΩ 2358 Feb 10 05:29 0°Υ opposition 2358 Feb 18 09:54 29°Ω11'43 4°30'51 2363 Mar 21 21:57 0°B greatest brilliancy 2358 Feb 18 07:09 29°Ω14'28 -1.3m asc. node 2363 Mar 26 20:12 3°B38'56 min. Earth dist. 2358 Feb 17 20:27 29°Ω25'10 0.67582 AU 2363 May 02 05:27 0°I direct 2358 Mar 31 00:09 19°Ω27'48 evening set 2363 May 16 02:34 9°I 46'36 2358 May 17 01:08 0°I 10 0°Ω1 2358 May 17 01:08 0°I 10 0°I 10 0°Ω1 2358 May 17 01:08 0°I 10 0°I	retrograde		-					
opposition 2358 Feb 18 09:54 29°Ω11'43 4°30'51 2363 Mar 21 21:57 0°8 greatest brilliancy 2358 Feb 18 07:09 29°Ω14'28 -1.3m asc. node 2363 Mar 26 20:12 3°838'56 min. Earth dist. 2358 Feb 17 20:27 29°Ω25'10 0.67582 AU 2363 May 02 05:27 0°Π direct 2358 Mar 31 00:09 19°Ω27'48 evening set 2363 May 16 02:34 9°Π46'36 2358 May 17 01:08 0°™ 2363 Jun 14 11:48 0°© 2363 Jun 14 Jun 14 11:48 0°© 2363 Jun	renograde							
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min. Earth dist. 2358 Feb 17 20:27 29°Q25'10 0.67582 AU 2363 May 02 05:27 0°耳 direct 2358 Mar 31 00:09 19°Q27'48 evening set 2363 May 16 02:34 9°耳46'36 2358 May 17 01:08 0°順 2363 Jun 14 11:48 0°⑤ 2363 Jun 14 11:48 0°⑤ 2363 Jun 14 11:48 0°⑥ 2363 Jun 14 11:48 0° 2363 Jun 14	**				ase node			
direct 2358 Mar 31 00:09 19°Ω27'48 evening set 2363 May 16 02:34 9°Щ46'36 2358 May 17 01:08 0°M 2363 Jun 14 11:48 0°© 2363 Jun 14 11:48 0°©					asc. Hour			
2358 May 17 01:08 0° Mp 2363 Jun 14 11:48 0° № 2358 Jul 16 21:10 0° №				0.07382 AU	avaning sat	•		
2358 Jul 16 21:10 0° <u>•</u>	direct				evening set	•		
		•				2005 Juli 14 11.48	0 39	
ucsc. nouc 2556 Aug 20 20.02 20 =5057 conjunction 2505 Jul 08 22:57 10*2925 50 0*5447	desc nodo				conjunction	2262 Int 00 22:57	160632250	0°54'47
	uese. Hout	2556 Aug 20 20.02	20 = 303/		conjunction	2303 Jul 00 22.3/	10 22 20	U J+4/

minimum elong	2363 Jul 08 21:27	16° <b>©</b> 21'21	0°54'46	min. Earth dist.	2368 Nov 05 04:37	23° <b>8</b> 57'57	0.46257 AU
max. Earth dist.	2363 Jul 28 15:20	29° <b>©</b> 20'42	2.62026 AU	opposition	2368 Nov 13 09:15	21° <b>8</b> 04'56	
	2363 Jul 29 15:26	0°N		greatest brilliancy	2367 Jul 15 14:42	15° <b>Ω</b> 24'24	1.8m
morning rise	2363 Aug 26 21:59	18° <b>Ω</b> 16'16		asc. node	2368 Nov 15 17:13	20° <b>8</b> 16'04	
C	2363 Sep 14 07:35	0° <b>m</b>		direct	2368 Dec 16 04:45	14° <b>8</b> 19'46	
	2363 Nov 01 03:56	0∘ <del>⊽</del>			2369 Feb 11 03:12	$\Pi^{\circ}0$	
	2363 Dec 20 08:00	0°M			2369 Apr 09 08:44	0° <b>©</b>	
	2364 Feb 10 11:04	0°⊀			2369 May 30 14:23	$0^{\circ}\Omega$	
desc. node	2364 Apr 11 16:18	28° <b>₹</b> 20′08			2369 Jul 18 22:13	0° <b>m</b> y	
	2364 Apr 16 21:52	0° <b>ට</b>			2369 Sep 04 16:47	0∘ <b>ত</b>	
retrograde	2364 May 17 12:17	5° <b>ට</b> 00'41		evening set	2369 Sep 13 05:06	5° <b>≏</b> 27'50	
	2364 Jun 15 13:05	30°R. <b>✓</b>		max. Earth dist.	2369 Oct 06 17:05	20° <b>£</b> 45'38	2.61074 AU
opposition	2364 Jun 19 15:35	28° <b>₹</b> 41'51	-3°31'27		2369 Oct 20 15:49	$0^{\circ}$ M	
greatest brilliancy	2364 Jun 20 16:13	28° <b>₹</b> 21'51	-2.4m				
min. Earth dist.	2364 Jun 27 22:34	26° <b>₰</b> 00'51	0.45195 AU	conjunction	2369 Oct 29 09:25	5° <b>M</b> 51'07	
direct	2364 Jul 25 22:49	21° <b>∡</b> 00′05		minimum elong	2369 Oct 29 10:06	5°M52'16	0°19'29
	2364 Sep 02 04:58	0°る		desc. node	2369 Dec 02 14:07	29°M16'39	
	2364 Oct 24 23:27	0° <b>≈</b>			2369 Dec 03 14:58	0° <b>∡</b> ¹	
	2364 Dec 06 17:49	0° <b>)</b> €		morning rise	2369 Dec 15 17:27	8° <b>∡</b> 30'04	
	2365 Jan 16 18:26	0° <b>Υ</b>			2370 Jan 14 16:29	0°る	
asc. node	2365 Feb 10 18:36	18° <b>Y</b> 12'36			2370 Feb 24 04:06	0° <b>≈</b>	
	2365 Feb 27 03:58	0° <b>8</b>			2370 Apr 04 14:36	0° <b>)</b> €	
	2365 Apr 10 21:15	0° <b>I</b>			2370 May 13 18:14	0° <b>Υ</b>	
	2365 May 25 06:16	0°99			2370 Jun 22 16:35	0° <b>B</b>	
evening set	2365 Jun 30 09:48	23°542'19			2370 Aug 04 03:03	0° <b>I</b>	
	2365 Jul 10 03:18	$0$ ° $\Omega$		1	2370 Sep 22 12:42	0.02 0.02	
i	2265 Aug 17 05:27	249 025117	1000147	asc. node	2370 Oct 03 15:23	5°930'15	
conjunction	2365 Aug 17 05:27	24° <b>\O</b> 25'17 24° <b>\O</b> 25'21	1°08'46 1°08'46	retrograde	2370 Nov 21 15:12 2370 Dec 25 05:13	18° <b>©</b> 43'25 11° <b>©</b> 12'15	0.58854 AU
minimum elong max. Earth dist.	2365 Aug 20 23:36	24 <b>δί</b> 23 21 26° <b>Ω</b> 49'01	2.67139 AU	min. Earth dist.	2370 Dec 23 03:13 2370 Dec 30 07:13	9° <b>©</b> 12'06	-1.7m
max. Earm dist.	2365 Aug 20 23:36 2365 Aug 25 23:29	0°M)	2.0/139 AU	greatest brilliancy opposition	2370 Dec 30 07.13 2370 Dec 31 02:15	8°953'20	3°33'55
morning rise	2365 Oct 01 06:04	23° Mp 04'39		direct	2370 Bec 31 02:13 2371 Feb 06 04:10	0°921'53	3 33 33
morning risc	2365 Oct 01 00:04 2365 Oct 12 03:06	ე∘ <b>ი</b>		direct	2371 Pcb 00 04:10 2371 May 05 03:28	0°Ω	
	2365 Nov 28 02:15	o° <b>m</b> .			2371 Jun 28 07:30	0° mp	
	2366 Jan 13 18:15	0° <b>⊼</b> ¹			2371 Aug 16 18:45	0° <del>ت</del> مالا	
desc. node	2366 Feb 27 15:20	28° <b>х</b> 50'18			2371 Oct 02 04:12	0°M	
	2366 Mar 01 10:56	0°る		desc. node	2371 Oct 20 12:37	12°M23'04	
	2366 Apr 18 04:14	0° <b>≈</b>		evening set	2371 Oct 23 04:33	14°M12'26	
	2366 Jun 10 07:18	0° <b>)</b> €		max. Earth dist.	2371 Nov 07 08:20		2.50517 AU
retrograde	2366 Aug 04 02:17	15° <b>)</b> 50′50			2371 Nov 14 21:19	0°⊀	
min. Earth dist.	2366 Sep 02 07:55	11° <b>)</b> 03'01	0.37239 AU				
opposition	2366 Sep 03 10:35	10° <b>)</b> 45′13	-6°30'53	conjunction	2371 Dec 12 20:41	20° <b>₹</b> 06'06	-0°31'03
greatest brilliancy	2366 Sep 03 08:26	10° <b>)</b> 46′39	-2.9m	minimum elong	2371 Dec 12 19:16	20° <b>х</b> °03′32	0°31'01
direct	2366 Oct 03 01:18	5° <b>)</b> 50′59			2371 Dec 26 07:16	8°0	
	2366 Dec 12 01:28	$0^{\circ}\Upsilon$			2372 Feb 03 23:03	0° <b>≈</b>	
asc. node	2366 Dec 29 17:25	10° <b>Ƴ</b> 10'14		morning rise	2372 Feb 07 08:20	2° <b>≈</b> 36'30	
	2367 Jan 30 21:52	0°8			2372 Mar 13 13:30	0° <b>)</b> €	
	2367 Mar 18 20:25	$\Pi$ °0			2372 Apr 20 22:15	0° <b>Υ</b>	
	2367 May 04 18:13	0°99			2372 May 29 22:50	0°8	
	2367 Jun 21 03:50	$0$ $^{\circ}$ $\Omega$			2372 Jul 09 15:26	$\Pi$ °0	
	2367 Aug 07 17:58	0° m/y		asc. node	2372 Aug 20 14:35	28° <b>I</b> I52'50	
evening set	2367 Aug 08 06:09	0° Mp 19'14	0.66550.433		2372 Aug 22 07:31	0° <b>©</b>	
max. Earth dist.	2367 Sep 13 04:16	23° Mp 07'50	2.66772 AU		2372 Oct 10 21:47	0°N	
agniumation	2267 Sam 22 10:20	200 m 17127	0055!14	retrograde	2372 Dec 26 21:14	26° <b>Ω</b> 01'26	0.66202 ATT
conjunction	2367 Sep 22 18:29	29° Mp 16'26 29° Mp 18'07	0°55'14	min. Earth dist.	2373 Feb 03 01:30	16° <b>Ω</b> 57'10 16° <b>Ω</b> 07'00	0.66383 AU 4°33'38
minimum elong	2367 Sep 22 19:33 2367 Sep 23 21:38	29° II( 18∙0 / 0° <u>Ω</u>	0 33 14	opposition greatest brilliancy	2373 Feb 05 03:37 2373 Feb 04 18:55	16° <b>Ω</b> 15'42	
morning rise	2367 Nov 06 04:17	0 <u>₽</u> 28° <b>₽</b> 07'25		direct	2373 Mar 17 00:45	6° <b>Ω</b> 37'22	11.5.11
morning 1150	2367 Nov 00 04.17 2367 Nov 09 00:38	0°M		direct	2373 Jun 01 02:50	0° m)	
	2367 Dec 23 19:25	0° <b>⊼</b> ¹			2373 Jul 25 20:58	0∘ <b>ʊ</b>	
desc. node	2368 Jan 15 14:38	15° <b>∡</b> 38′29		desc. node	2373 Sep 06 11:05	0 <b>—</b> 26° <b>⊆</b> 30'50	
	2368 Feb 05 05:25	0°る		<del></del>	2373 Sep 30 11:03 2373 Sep 11 19:21	0°M	
	2368 Mar 18 10:44	0° <b>≈</b>			2373 Oct 25 20:05	0° <b>⊼</b>	
	2368 Apr 28 21:56	0° <b>)</b> €			2373 Dec 06 01:13	0°ප	
	2368 Jun 09 15:12	0° <b>Υ</b>		evening set	2373 Dec 11 00:35	3°₹43'56	
	2368 Jul 24 07:59	0°8		max. Earth dist.	2374 Jan 12 22:41	28° <b>ප</b> 56'11	2.38022 AU
retrograde	2368 Oct 08 01:30	29° <b>8</b> 24'44			2374 Jan 14 07:32	0° <b>≈</b>	

· · · · · · · · · · · ·	2274 E-1 10 12:07	2191922	1004150	JJ.	2270 4 20 07.17	149.752101	
conjunction	2374 Feb 10 12:07	21°≈18′22		desc. node	2379 Apr 29 07:17	14° 🗷 53'01	
minimum elong	2374 Feb 10 12:07	21°≈18′23	1°04'50	opposition	2379 May 29 13:36	7° <b>₹</b> 53′20	
	2374 Feb 21 12:30	0° <b>∀</b>		greatest brilliancy	2379 May 30 00:17	7° <b>∡</b> ¹43'59 −	
	2374 Mar 31 14:05	$0^{\circ}\mathbf{\Upsilon}$		min. Earth dist.	2379 Jun 06 23:23	4° <b>₹</b> 57'26	0.50479 AU
morning rise	2374 Apr 21 22:56	16° <b>Ƴ</b> 37'56			2379 Jun 25 21:40	30°₽M	
	2374 May 09 09:30	$0^{\circ}$ 8		direct	2379 Jul 07 02:36	29°M08'11	
	2374 Jun 18 18:17	$\Pi^{\circ}0$			2379 Jul 18 11:18	0° <b>∡</b> ¹	
asc. node	2374 Jul 08 14:34	14° <b>Ⅱ</b> 11'17			2379 Sep 24 23:59	8°0	
	2374 Jul 31 10:06	0ංම			2379 Nov 08 01:50	0° <b>≈</b>	
	2374 Sep 15 05:19	0°N			2379 Dec 18 12:00	0° <b>∀</b>	
	2374 Sep 13 03:17 2374 Nov 05 08:40	0° <b>m</b> )			2380 Jan 27 06:04	0° <b>Υ</b>	
. 1				1			
retrograde	2375 Jan 30 08:18	29° m/24'12		asc. node	2380 Feb 28 11:32	23°Y57'26	
opposition	2375 Mar 11 03:42	19° <b>m</b> 57'23	4°02'56		2380 Mar 07 17:44	0°8	
greatest brilliancy	2375 Mar 11 09:32	19° <b>m</b> 51'36	-1.3m		2380 Apr 18 17:44	$\Pi$ °0	
min. Earth dist.	2375 Mar 12 23:01	19° <b>m</b> 14'31	0.67418 AU		2380 Jun 01 13:35	0	
direct	2375 Apr 21 11:03	9° <b>m</b> 59'06		evening set	2380 Jun 13 16:09	8° <b>©</b> 04'51	
	2375 Jun 28 10:43	0∘ <b>亚</b>			2380 Jul 17 01:47	$0 { m ^o} \Omega$	
desc. node	2375 Jul 25 10:00	14° <b>₽</b> 12'53					
	2375 Aug 21 00:51	0° <b>M</b> .		conjunction	2380 Aug 02 07:16	10° <b>Ω</b> 29'26	1°06'58
	2375 Oct 05 13:48	0° <b>⊼</b> ¹		minimum elong	2380 Aug 02 06:41	10°Ω28'30	1°06'58
		0∘ਤ		max. Earth dist.	_	16° <b>Ω</b> 37'36	
	2375 Nov 16 03:56			max. Earm dist.	2380 Aug 11 20:26		2.03/90 AU
	2375 Dec 25 10:10	0° <b>≈</b>			2380 Sep 01 18:45	0° <b>т</b> р	
	2376 Feb 01 13:25	0° <b>₩</b>		morning rise	2380 Sep 17 09:57	9° <b>m</b> 56'17	
evening set	2376 Feb 16 06:53	11° <b>∺</b> 38'30			2380 Oct 19 02:25	0∘ <b>ত</b>	
	2376 Mar 10 15:01	$0$ ° $\mathbf{\Upsilon}$			2380 Dec 05 16:24	$0^{\circ}$ M	
	2376 Apr 18 13:00	$6^{\circ}B$			2381 Jan 22 17:20	0° <b>∡</b> ¹	
					2381 Mar 13 07:59	8°0	
conjunction	2376 Apr 24 00:50	4° <b>8</b> 08'57	-0°20'27	desc. node	2381 Mar 16 07:09	1° <b>る</b> 43'53	
minimum elong	2376 Apr 24 02:33	4° <b>8</b> 12'11			2381 May 08 07:50	0°≈	
asc. node	2376 May 25 13:01	27° <b>8</b> 27'34	0 2020	retrograde	2381 Jul 02 14:37	15°≈02'47	
asc. node	-	27 <b>O</b> 27 34 0° <b>I</b> I		•			(022141
m at m	2376 May 29 01:11		2 46400 477	opposition	2381 Aug 01 23:54	9°≈58'04	
max. Earth dist.	2376 Jun 11 07:06		2.46488 AU	greatest brilliancy	2381 Aug 02 23:01	9° <b>≈</b> 42'14	
morning rise	2376 Jun 26 00:38	19° <b>Ⅱ</b> 52'54		min. Earth dist.	2381 Aug 06 05:39	8° <b>≈</b> 48'35	0.38536 AU
	2376 Jul 10 15:37	$0$ $\circ$ $\odot$		direct	2381 Sep 02 09:31	4° <b>≈</b> 24'23	
	2376 Aug 24 14:48	$0^{\circ}\Omega$			2381 Nov 12 00:40	0° <b>∀</b>	
	2376 Oct 11 07:06	0° <b>m</b> )			2381 Dec 29 03:17	$0^{\circ}\mathbf{\Upsilon}$	
	2376 Dec 02 05:07	0∘ <b>⊽</b>		asc. node	2382 Jan 15 09:25	11° <b>Ƴ</b> 36'22	
	2377 Feb 09 09:04	0° <b>M</b> ₊			2382 Feb 11 12:31	0°8	
retrograde	2377 Mar 07 22:06	3°M47'06			2382 Mar 28 02:23	0°II	
retrograde						0ಂ <b>ತಾ</b>	
• • •	2377 Apr 01 10:35	30° <b>₹</b> Ω	2012141		2382 May 12 17:03		
opposition	2377 Apr 15 02:59	25° <b>£</b> 11'03	2°12'41		2382 Jun 28 08:42	$0$ ° $\Omega$	
greatest brilliancy	2377 Apr 15 14:24	25° <b>♀</b> 00'06	-1.6m	evening set	2382 Jul 24 15:35	16° <b>Ω</b> 43'09	
min. Earth dist.	2377 Apr 20 17:00	23° <b>≏</b> 02'42	0.61874 AU		2382 Aug 14 13:54	0° <b>m</b> y	
direct	2377 May 26 07:08	15° <b>≙</b> 15'24		max. Earth dist.	2382 Sep 04 06:44	13° <b>m</b> 09'07	2.67582 AU
desc. node	2377 Jun 11 08:54	16° <b>≏</b> 48'34					
	2377 Jul 19 19:29	0° <b>M</b> .		conjunction	2382 Sep 08 16:38	15° <b>m</b> 57'41	1°03'21
	2377 Sep 10 18:20	0° <b>∡</b> ¹		minimum elong	2382 Sep 08 17:25	15° m 58'56	1°03'21
	2377 Oct 24 07:17	0°ප		<i>G</i>	2382 Sep 30 16:06	0∘ <b>⊽</b>	
	2377 Dec 03 07:11	0° <b>≈</b>		morning rise	2382 Oct 22 23:11	14° <b>≏</b> 20'58	
	2378 Jan 10 20:07	0° <b>\</b>			2382 Nov 16 00:59	0°M	
	2378 Feb 18 06:40	0° <b>Υ</b>				0° <b>⊼</b> 1	
				daga (r - J -	2382 Dec 31 09:35		
	2378 Mar 29 15:07	0°8		desc. node	2383 Feb 01 06:33	21° <b>₹</b> 30'15	
asc. node	2378 Apr 12 11:42	10° <b>8</b> 17'54			2383 Feb 13 17:36	0°る	
evening set	2378 Apr 24 08:33	18° <b>8</b> 59'33			2383 Mar 29 06:06	0° <b>≈</b>	
	2378 May 09 14:43	$\Pi$ $^{\circ}0$			2383 May 11 13:22	0° <b>∀</b>	
					2383 Jun 25 13:36	$0^{\circ}\Upsilon$	
conjunction	2378 Jun 20 21:23	29° <b>Ⅲ</b> 30′56	0°40'23		2383 Aug 23 09:32	0°8	
minimum elong	2378 Jun 20 19:40	29° <b>Ⅱ</b> 27'59	0°40'22	retrograde	2383 Sep 16 23:18	4° <b>8</b> 03'10	
J	2378 Jun 21 14:26	0ංම		-	2383 Oct 11 10:00	30°RƳ	
max. Earth dist.	2378 Jul 17 23:30		2.58584 AU	min. Earth dist.	2383 Oct 13 12:38		0.41304 AU
Zurur uist.	2378 Aug 05 14:14	0°Ω	2.00001710	opposition	2383 Oct 19 12:38 2383 Oct 20 21:37	27° <b>Υ</b> 02'29	
	•			• •		$27^{\circ}$ <b>Y</b> 14'35	
morning rise	2378 Aug 11 14:03	3° <b>Ω</b> 54'16		greatest brilliancy	2383 Oct 20 06:22		-2./m
	2378 Sep 21 08:30	0° m/y		direct	2383 Nov 20 21:04	21°Υ13'52	
	2378 Nov 08 18:38	0∘ <b>⊽</b>		asc. node	2383 Dec 03 08:09	22° <b>Y</b> 13′50	
	2378 Dec 29 16:03	0°M₊			2383 Dec 30 16:16	$9^{\circ}$ 8	
	2379 Feb 26 00:43	0° <b>∡</b> ¹			2384 Feb 28 12:14	$\Pi$ °0	
retrograde	2379 Apr 24 12:49	15° <b>∡</b> *01′25			2384 Apr 19 08:37	$0$ $\circ$ $\odot$	

	2384 Jun 07 14:07	0°N		minimum elong	2389 Jan 15 06:23	25° <b>පි</b> 00'15	0°58'07
	2384 Jul 26 01:33	o°mp		mmmum ereng	2389 Jan 21 17:29	0°≈	0 200,
evening set	2384 Aug 29 19:16	21° m/52'47			2389 Mar 01 01:14	0° <b>)</b> €	
<i>Ş</i>	2384 Sep 11 12:30	0∘ <del>⊽</del>		morning rise	2389 Mar 22 08:13	16° <b>)</b> 46′27	
max. Earth dist.	2384 Sep 26 18:40	9° <b>≙</b> 50'18	2.63928 AU	Č	2389 Apr 08 04:32	$_{0}$ $^{\circ}$ $\Upsilon$	
	1				2389 May 17 00:39	0°8	
conjunction	2384 Oct 14 08:07	21° <b>≏</b> 18′07	0°35'39		2389 Jun 26 10:17	$\Pi^{\circ}0$	
minimum elong	2384 Oct 14 09:09	21° <b>≏</b> 19'49	0°35'39	asc. node	2389 Jul 25 05:44	20° <b>Ⅲ</b> 23'52	
	2384 Oct 27 11:51	0° <b>M</b> ₊			2389 Aug 08 06:52	0°€	
morning rise	2384 Nov 28 23:47	21°ML55'24			2389 Sep 23 21:29	$0^{\circ}\Omega$	
	2384 Dec 10 17:21	0° <b>∡</b> ¹			2389 Nov 17 17:44	0° <b>m</b>	
desc. node	2384 Dec 19 05:10	5° <b>₰</b> 754'09		retrograde	2390 Jan 16 20:31	16° Mp 44'40	
	2385 Jan 22 05:22	ರ°ರ		opposition	2390 Feb 25 23:30	7° <b>ጦ</b> 04'27	4°23'49
	2385 Mar 04 06:01	0° <b>≈</b>		greatest brilliancy	2390 Feb 26 00:01	7° Mp 03′56	-1.3m
	2385 Apr 13 06:17	0° <b>∀</b>		min. Earth dist.	2390 Feb 26 06:23	6° Mp 57′35	0.67803 AU
	2385 May 23 00:39	$0$ ° $\mathbf{\Upsilon}$			2390 Mar 18 02:06	$30^{\circ}$ R $\Omega$	
	2385 Jul 02 19:54	$9^{\circ}$ 8		direct	2390 Apr 07 21:29	27° <b>Ω</b> 14'18	
	2385 Aug 16 08:38	$\Pi$ $^{\circ}0$			2390 Apr 30 06:58	0° <b>m</b> p	
asc. node	2385 Oct 20 08:30	29° <b>Ⅱ</b> 58'29			2390 Jul 10 07:18	0∘ <b>ट</b>	
	2385 Oct 20 11:21	$0$ $\circ$ $\odot$		desc. node	2390 Aug 11 01:11	18° <b>≙</b> 22'23	
retrograde	2385 Nov 05 18:58	1° <b>5</b> 48'47			2390 Aug 29 16:38	0°M₊	
	2385 Nov 21 13:43	30°R <b>Ⅱ</b>			2390 Oct 13 10:45	0°⊀	
min. Earth dist.	2385 Dec 07 05:55		0.54297 AU		2390 Nov 23 19:42	0°₹	
opposition	2385 Dec 14 10:14	22° <b>Ⅱ</b> 18'30	2°34'01		2391 Jan 02 01:07	0° <b>≈</b>	
greatest brilliancy	2385 Dec 13 16:50	22° <b>Ⅱ</b> 35'13	-1.9m	evening set	2391 Jan 19 02:49	13° <b>≈</b> 22′26	
direct	2386 Jan 18 23:44	14° <b>Ⅱ</b> 21'45			2391 Feb 09 04:10	0° <b>∀</b>	
	2386 Mar 18 04:36	0ංම			2391 Mar 19 04:43	$0$ ° $\mathbf{\Upsilon}$	
	2386 May 15 18:03	$0^{\circ}\Omega$					
	2386 Jul 06 08:13	0° <b>т</b> р		conjunction	2391 Mar 28 00:15	6° <b>Y</b> 53′16	
	2386 Aug 23 23:26	0∘ <b>ত</b>		minimum elong	2391 Mar 28 03:35	6° <b>Y</b> 59'44	0°46'12
evening set	2386 Oct 06 23:06	28° <b>≙</b> 33'11			2391 Apr 27 00:32	0°8	
	2386 Oct 09 03:13	0°M		max. Earth dist.	2391 May 18 11:08	16° <b>8</b> 06'08	2.41046 AU
max. Earth dist.	2386 Oct 24 15:51		2.55144 AU	morning rise	2391 Jun 04 05:12	28° <b>8</b> 24'25	
desc. node	2386 Nov 06 03:44	19°M01'20			2391 Jun 06 09:51	0°II	
	2386 Nov 21 21:47	0° <b>∡</b> ¹		asc. node	2391 Jun 12 05:27	4° <b>Ⅱ</b> 12'05	
	220631 24 06 22	10.720150	0010144		2391 Jul 18 22:40	0° <b>©</b>	
conjunction	2386 Nov 24 06:32	1° <b>∡</b> 739'59			2391 Sep 02 01:34	$\Omega^{\circ}\Omega$	
minimum elong	2386 Nov 24 06:04	1° <b>×</b> <sup>7</sup> 39'09	0°10'44		2391 Oct 20 13:16	0° Mp	
behind sun begin behind sun end	2386 Nov 23 14:04	1° <b>₹</b> 10'57 2° <b>₹</b> 07'23		retrograde	2391 Dec 14 20:00	0° <b>ჲ</b> 20° <b>ჲ</b> 10'20	
bening sun eng	2386 Nov 24 22:04 2387 Jan 02 12:47	2 x・0723 0°る		opposition	2392 Feb 21 14:10 2392 Mar 31 14:05	20 <b>≗</b> 10 20 11° <b>≗</b> 11'15	2905!51
morning rise	2387 Jan 15 03:04	0 3 9° <b>る</b> 20'40		greatest brilliancy	2392 Mai 31 14.03 2392 Apr 01 01:20	11° <b>⊆</b> 1113	-1.4m
morning rise	2387 Feb 11 11:14	9° <b>≈</b>		min. Earth dist.	2392 Apr 04 17:28	9° <b>£</b> 34'31	-1.4III 0.64807 AU
	2387 Mar 22 08:09	0° <b>∺</b>		direct	2392 Apr 04 17:28 2392 May 12 01:01	1° <b>⊆</b> 09'41	0.04807 AC
	2387 Apr 29 22:27	0° <b>Υ</b>		desc. node	2392 Jun 28 00:33	12° <b>⊆</b> 13'02	
	2387 Jun 08 04:31	%8 0°8		dese. Hode	2392 Aug 03 03:10	0°M	
	2387 Jul 19 06:01	0°II			2392 Sep 20 12:33	0° <b>⊼</b> ¹	
	2387 Sep 01 23:22	0°e			2392 Nov 01 23:21	0°ਤ	
asc. node	2387 Sep 07 23:22 2387 Sep 07 07:47	3°520'08			2392 Dec 11 13:26	0° <b>≈</b>	
	2387 Oct 26 12:53	0° <b>U</b>			2393 Jan 18 20:46	0° <b>)</b> €	
retrograde	2387 Dec 14 06:52	12° <b>Ω</b> 28'43			2393 Feb 26 02:18	0° <b>Υ</b>	
min. Earth dist.	2388 Jan 19 19:23	3° <b>Ω</b> 57'18	0.64167 AU	evening set	2393 Mar 30 17:32	25° <b>Y</b> 05'51	
opposition	2388 Jan 23 09:50	2° <b>Ω</b> 30'54	4°23'28	Ü	2393 Apr 06 05:16	0°8	
greatest brilliancy	2388 Jan 22 19:44	2° <b>Ω</b> 45'00	-1.4m	asc. node	2393 Apr 29 04:20	17° <b>8</b> 04'52	
	2388 Jan 29 20:09	30° <b>ℝ</b> ∽			2393 May 16 22:54	$\Pi^{\circ}0$	
direct	2388 Mar 02 08:35	23°©19'59			•		
	2388 Apr 07 12:58	$0^{\circ}\Omega$		conjunction	2393 May 31 15:38	10° <b>Ⅲ</b> 28'41	0°20'22
	2388 Jun 12 04:44	0° <b>m</b> p		minimum elong	2393 May 31 14:23	10° <b>Ⅱ</b> 26′28	0°20'21
	2388 Aug 03 01:49	0∘ <b>⊽</b>		-	2393 Jun 28 17:22	0ಂತಾ	
	2388 Sep 19 05:34	0° <b>M</b> ₊		max. Earth dist.	2393 Jul 05 19:40	4°950'12	2.54348 AU
desc. node	2388 Sep 23 02:33	2°M34'09		morning rise	2393 Jul 25 23:52	18° <b>©</b> 23'21	
	2388 Nov 02 02:01	0° <b>∡</b> ¹			2393 Aug 12 14:49	$0^{\circ}\Omega$	
evening set	2388 Nov 19 20:38	12° <b>х</b> 43′23			2393 Sep 28 13:54	0° <b>m</b>	
max. Earth dist.	2388 Dec 06 03:12		2.42561 AU		2393 Nov 16 21:06	0∘ <b>ত</b>	
	2388 Dec 13 08:13	0°₹			2394 Jan 09 17:06	$0^{\circ}$ M	
				retrograde	2394 Apr 04 01:41	27°M44'53	
conjunction	2389 Jan 15 08:17	25° <b>る</b> 03'55	-0°58'08	opposition	2394 May 10 14:32	19°M56'08	0°14'26

greatest brilliancy	2394 Apr 18 17:55	26°M23'52	-2.0m	evening set	2399 Aug 16 12:01	8° <b>m</b> 28'46	
desc. node	2394 May 15 23:49	17° <b>M</b> 57'12		max. Earth dist.	2399 Sep 18 12:22	29° <b>m</b> 29'35	2.65990 AU
min. Earth dist.	2394 May 18 04:59	17° <b>™</b> 09'01	0.55507 AU		2399 Sep 19 07:20	0∘ <b>⊽</b>	
direct	2394 Jun 19 14:58	10°M30'20					
	2394 Aug 20 14:46	0°⋜		conjunction	2399 Sep 30 21:26	7° <b>£</b> 27'47	
	2394 Oct 08 01:06 2394 Nov 18 14:09	0° <b>≈</b>		minimum elong	2399 Sep 30 22:33 2399 Nov 04 09:01	7° <b>ჲ</b> 29'35 0° <b>ル</b>	0°48'56
	2394 Nov 18 14:09 2394 Dec 27 22:07	0° <b>∺</b>		morning rise	2399 Nov 14 13:57	6°M46'32	
	2395 Feb 04 22:48	0° <b>Υ</b>		morning rise	2399 Dec 18 22:59	0°×7	
	2395 Mar 16 20:18	0° <b>႘</b>		desc. node	2400 Jan 05 20:49	12° <b>∡</b> ¹21'17	
asc. node	2395 Mar 17 02:36	0° <b>8</b> 11'39			2400 Jan 31 00:25	ರ∘ರ	
	2395 Apr 27 08:05	$\Pi$ °0			2400 Mar 12 18:06	0° <b>≈</b>	
evening set	2395 May 27 10:11	20° <b>∏</b> 55'58			2400 Apr 22 13:55	0° <b>∀</b>	
	2395 Jun 09 18:03	0			2400 Jun 02 08:32	0° <b>Υ</b>	
:	2205 I1 10 12.50	250677117	1900142		2400 Jul 14 22:25	0° <b>Β</b>	
conjunction minimum elong	2395 Jul 18 12:58 2395 Jul 18 11:46	25° <b>©</b> 47'17 25° <b>©</b> 45'19	1°00'42 1°00'40	retrograde	2400 Sep 03 16:47 2400 Oct 19 03:07	0° <b>Ц</b> 12° <b>Ц</b> 22'00	
minimum ciong	2395 Jul 24 23:42	0°Ω	1 00 40	asc. node	2400 Oct 19 03:07 2400 Nov 06 00:26	12 <b>H</b> 22 00 10° <b>H</b> 01′27	
max. Earth dist.	2395 Aug 03 10:51		2.63614 AU	min. Earth dist.	2400 Nov 17 10:06	6° <b>Ⅱ</b> 27'17	0.49186 AU
morning rise	2395 Sep 04 06:56	26° <b>Ω</b> 35'47		opposition	2400 Nov 25 11:36	3° <b>Ⅲ</b> 30′01	1°02'19
	2395 Sep 09 15:15	0° m/		greatest brilliancy	2400 Nov 25 03:11	3° <b>Ⅱ</b> 37'44	-2.2m
	2395 Oct 27 05:40	0∘ <b>⊽</b>			2400 Dec 05 18:22	30° <b>₹</b> 8	
	2395 Dec 14 16:55	$0^{\circ}$ M		direct	2400 Dec 29 07:17	26° <b>8</b> 16'41	
	2396 Feb 02 21:50	0° ⊀ <sup>7</sup>			2401 Jan 23 17:07	0°II	
	2396 Mar 29 21:59	0°る			2401 Apr 01 22:19	0°©	
desc. node	2396 Apr 01 22:13 2396 Jun 01 19:12	1°る24'21 18°る22'24			2401 May 24 22:45 2401 Jul 13 22:44	0° <b>Ω</b> 0° <b>m</b>	
retrograde opposition	2396 Jul 01 19.12 2396 Jul 03 21:16	18 <b>3</b> 22 24 12° <b>る</b> 32'22	-4°45'58		2401 Jul 13 22.44 2401 Aug 30 23:58	0∘ <del>ত</del> اللا	
greatest brilliancy	2396 Jul 05 02:47	12° <b>ろ</b> 09'37		evening set	2401 Sep 21 16:19	0 <b>—</b> 13° <b>≏</b> 57'36	
min. Earth dist.	2396 Jul 11 08:55	10°る14'37		max. Earth dist.	2401 Oct 12 22:20	27° <b>£</b> 56'06	2.59166 AU
direct	2396 Aug 07 13:21	5° <b>⋜</b> 34'54			2401 Oct 16 00:45	0° <b>M</b> .	
	2396 Oct 14 07:14	0° <b>≈</b>					
	2396 Nov 29 01:50	0° <b>)</b> €		conjunction	2401 Nov 07 10:27	15° <b>M</b> ₊07'32	0°08'57
	2397 Jan 10 07:19	0° <b>Υ</b>		minimum elong	2401 Nov 07 10:47	15°M08'06	0°08'57
asc. node	2397 Feb 01 02:10	15° <b>Ƴ</b> 34'45		behind sun begin	2401 Nov 06 17:54	14°MJ39'16	
	2397 Feb 21 10:03	0°B 0°B		behind sun end	2401 Nov 08 03:40	15°M36'57	
	2397 Apr 05 14:50 2397 May 20 07:56	0. 0.П		desc. node	2401 Nov 22 19:10 2401 Nov 28 22:42	25°M42'48 0° <i>₹</i>	
	2397 Jul 05 10:06	0°Ω		morning rise	2401 Nov 28 22:42 2401 Dec 26 01:32	19° <b>∡</b> 15′25	
evening set	2397 Jul 09 11:42	2° <b>Ω</b> 36'51		morning rise	2402 Jan 09 20:42	0°る	
C	2397 Aug 21 08:49	0° m/			2402 Feb 19 03:43	0° <b>≈</b>	
					2402 Mar 30 09:02	0° <b>)</b>	
conjunction	2397 Aug 25 12:36	2° m 38'46	1°07'53		2402 May 08 06:53	$0^{\circ}$ Y	
minimum elong	2397 Aug 25 12:57	2°m/39'19			2402 Jun 16 21:22	0°B	
max. Earth dist.	2397 Aug 26 06:20		2.67537 AU		2402 Jul 28 14:47	0°II	
	2397 Oct 07 11:24	0° <b>ჲ</b> 1° <b>ჲ</b> 04'01		1	2402 Sep 13 10:46	0°95	
morning rise	2397 Oct 09 03:30 2397 Nov 23 04:40	0°M		asc. node retrograde	2402 Sep 23 23:43 2402 Nov 30 02:50	5° <b>©</b> 55'16 28° <b>©</b> 01'09	
	2398 Jan 08 07:39	0° <b>⊼</b>		min. Earth dist.	2403 Jan 03 19:20	20°907'09	0.60997 AU
desc. node	2398 Feb 17 21:40	26° <b>х</b> 39'39		opposition	2403 Jan 08 21:30	18°905'57	3°57'49
	2398 Feb 22 23:21	ರ°0		greatest brilliancy	2403 Jan 08 03:26	18°523'53	-1.6m
	2398 Apr 09 15:54	0° <b>≈</b>		direct	2403 Feb 15 17:06	9° <b>©</b> 18'39	
	2398 May 27 00:25	0° <b>)</b> €			2403 Apr 26 21:07	$0$ ° $\Omega$	
	2398 Jul 26 16:32	0° <b>Υ</b>			2403 Jun 22 14:00	0° <b>m</b> )	
retrograde	2398 Aug 21 04:58	4°Υ11'02			2403 Aug 11 18:45	ია <b>ო</b> 0∘ <b>ত</b>	
min Earth diat	2398 Sep 16 11:17	30°₹ <b>光</b>	0.37935 AU	desc. node	2403 Sep 27 10:19	0°ጤ 8°ጤ56'03	
min. Earth dist.	2398 Sep 17 11:50 2398 Sep 21 13:37	29 <del>X</del> 43 09 28° <del>X</del> 35'13		evening set	2403 Oct 10 17:58 2403 Nov 02 02:13	24°M18'11	
greatest brilliancy	2398 Sep 21 13.37 2398 Sep 20 23:32	28° <b>H</b> 45'01		evening set	2403 Nov 10 04:54	0° <b>√</b>	
direct	2398 Oct 21 01:55	23° <b>)</b> 33'28		max. Earth dist.	2403 Nov 16 12:47		2.47716 AU
	2398 Nov 23 03:30	0° <b>Υ</b>			2403 Dec 21 13:43	0°₹	
asc. node	2398 Dec 20 01:46	11° <b>Y</b> ′48′28					
	2399 Jan 22 02:33	0°B		conjunction	2403 Dec 24 12:37	2° <b>ප්</b> 11'58	
	2399 Mar 12 08:42	0°II		minimum elong	2403 Dec 24 10:45	2°る08'29	0°42'12
	2399 Apr 29 06:46	0°©			2404 Jan 30 03:23	0°≈ 170× × 55140	
	2399 Jun 16 04:48	0° <b>Ω</b>		morning rise	2404 Feb 22 05:26	17°≈55'40	
	2399 Aug 03 01:24	0° <b>m</b> )			2404 Mar 08 15:29	0° <b>∀</b>	

greatest brilliancy	2404 Apr 09 23:27 2404 Apr 15 21:57 2404 May 24 20:17	25°¥21'38 0° <b>Y</b> 0° <b>8</b>	1.2m	retrograde opposition greatest brilliancy	2409 Mar 17 05:59 2409 Apr 23 22:47 2409 Apr 24 08:21	12°M25'49 4°M04'50 3°M55'46	1°34'28 -1.7m
asc. node	2404 Jul 04 08:55 2404 Aug 10 23:07 2404 Aug 16 14:39	0°Ⅱ 26°Ⅱ13'20 0°ᢒ		min. Earth dist.	2409 Apr 30 07:34 2409 May 04 22:14 2409 Jun 01 14:38	1°M40'27 30°R <b>ഛ</b> 24° <b>ഛ</b> 18'24	0.59846 AU
retrograde	2404 Oct 03 15:53 2404 Dec 08 04:58 2405 Jan 03 12:36 2405 Jan 27 23:53	0° <b>\( \O \)</b> 0° <b>\( \D \)</b> 3° <b>\( \D \)</b> 57'35		direct	2409 Jun 03 20:25 2409 Jul 05 13:39 2409 Sep 03 17:23 2409 Oct 18 10:12	24° <b>ユ</b> 16'26 0°肌 0°ズ 0°る	
opposition	2405 Jan 27 23:33 2405 Feb 12 19:15	30°RΩ 24°Ω07'14	4°33'28		2409 Oct 18 10:12 2409 Nov 27 20:27	0° <b>≈</b>	
min. Earth dist.	2405 Feb 11 13:34	24° <b>£</b> 36'55	0.67173 AU		2410 Jan 05 14:53	0° <b>ℋ</b>	
greatest brilliancy	2405 Feb 12 13:53	24° <b>Ω</b> 12'37	-1.3m		2410 Feb 13 05:13	$0^{\circ}\Upsilon$	
direct	2405 Mar 25 02:47	14° <b>£</b> 29'09			2410 Mar 24 17:01	0° <b>8</b>	
	2405 May 23 05:26 2405 Jul 20 01:24	0 <b>்⊽</b> 0° மி		asc. node	2410 Apr 02 20:20 2410 May 04 19:33	6° <b>8</b> 47′10 0° <b>Ⅱ</b>	
desc. node	2405 Aug 27 17:40	23° <b>≏</b> 34'05		evening set	2410 May 04 17:35 2410 May 06 23:45	1° <b>∏</b> 32'58	
	2405 Sep 06 17:34	$0^{\circ}$ M		-	2410 Jun 16 21:26	0ಂತಾ	
	2405 Oct 21 00:20	0° <b>∡</b>					
	2405 Dec 01 06:52	0°궁 17°궁25'24		conjunction	2410 Jul 01 09:34	9° <b>©</b> 47'59 9° <b>©</b> 45'13	
evening set	2405 Dec 24 06:24 2406 Jan 09 12:50	0°≈		minimum elong max. Earth dist.	2410 Jul 01 07:55 2410 Jul 24 08:14	25°S02'04	0°49'21 2.60579 AU
	2406 Feb 16 16:49	0° <b>∀</b>		max. Earth dist.	2410 Jul 31 22:01	0°Ω	2.00377110
				morning rise	2410 Aug 20 11:38	12° <b>Ω</b> 41'38	
conjunction	2406 Feb 26 14:56	7° <b>∺</b> 50'50			2410 Sep 16 14:00	0° <b>m</b> ∕	
minimum elong	2406 Feb 26 16:39	7° <b>\</b> 54'15			2410 Nov 03 14:57	0° <b>™</b>	
max. Earth dist.	2406 Mar 13 00:30 2406 Mar 26 17:25	19° <b>π</b> 13′10	2.37031 AU		2410 Dec 23 09:53 2411 Feb 15 11:45	0° <b>M</b> 0° <i>⊀</i>	
	2406 May 04 12:14	0°8		desc. node	2411 Apr 19 13:38	24° <b>≯</b> 32'00	
morning rise	2406 May 08 15:20	3° <b>8</b> 08'04		retrograde	2411 May 07 14:02	26° <b>х</b> 22′19	
	2406 Jun 13 20:12	0°II		opposition	2411 Jun 10 14:10	19° <b>х</b> 40′36	
asc. node	2406 Jun 28 20:51 2406 Jul 26 09:24	10° <b>∏</b> 47'51 0° <b>©</b>		greatest brilliancy min. Earth dist.	2411 Jun 11 09:07 2411 Jun 19 01:53	19° <b>×7</b> 24'39	-2.3m 0.47549 AU
	2406 Sep 09 20:02	0° <b>U</b>		direct	2411 Jul 19 01:33 2411 Jul 18 00:04	10 <b>x</b> 49 19 11° <b>x</b> 27'14	0.47349 AU
	2406 Oct 29 15:49	0° m/y		direct	2411 Sep 14 02:44	0°る	
	2406 Dec 31 20:57	0∘ <b>ত</b>			2411 Oct 31 13:25	0° <b>≈</b>	
retrograde	2407 Feb 07 05:48	7° <b>≏</b> 10'18			2411 Dec 12 02:03	0° <b>∀</b>	
annagition	2407 Mar 13 08:27 2407 Mar 18 19:51	30°RM)	2945116	aga mada	2412 Jan 21 10:32	0° <b>Υ</b> 20° <b>Υ</b> 52'29	
opposition greatest brilliancy	2407 Mar 18 19:31 2407 Mar 19 04:07	27° m 52'22 27° m 44'14		asc. node	2412 Feb 18 18:49 2412 Mar 02 08:24	20° <b>ド</b> 32729	
min. Earth dist.	2407 Mar 21 11:25	26° m 49'49	0.66782 AU		2412 Apr 13 16:16	0°II	
direct	2407 Apr 29 06:28	17° <b>m</b> 51'30			2412 May 27 17:55	0ಂತ	
	2407 Jun 18 12:19	0∘ <b>ত</b>		evening set	2412 Jun 23 09:07	17°536'24	
desc. node	2407 Jul 15 16:18 2407 Aug 14 22:00	12° <b>♀</b> 54'00 0° <b>M</b>			2412 Jul 12 09:53	$0^{\circ}\Omega$	
	2407 Sep 30 06:41	0° <b>⊼</b> 7		conjunction	2412 Aug 10 22:20	18° <b>Ω</b> 59'48	1°08'31
	2407 Nov 11 03:26	0°ರ		minimum elong	2412 Aug 10 22:07	18° <b>Ω</b> 59'28	1°08'30
	2407 Dec 20 12:18	0° <b>≈</b>		max. Earth dist.	2412 Aug 17 04:55	23° <b>Ω</b> 00′31	2.66635 AU
	2408 Jan 27 16:37	0° <b>∀</b>	1.0		2412 Aug 28 03:58	0° Mp	
greatest brilliancy evening set	2408 Feb 19 23:18 2408 Mar 03 07:55	18° <b>米</b> 22'31 28° <b>米</b> 04'51	1.2m	morning rise	2412 Sep 25 09:11 2412 Oct 14 08:52	17° Mp 56'39 0° <u> </u>	
evening see	2408 Mar 05 18:47	0° <b>Υ</b>			2412 Nov 30 14:09	0°M	
	2408 Apr 13 17:30	$9^{\circ}$ 8			2413 Jan 16 19:17	0° <b>∡</b> 7	
					2413 Mar 05 13:27	0°ಕ	
conjunction	2408 May 08 13:19	18° <b>8</b> 32'23		desc. node	2413 Mar 06 12:45	0°る36'03 0°≈	
minimum elong behind sun begin	2408 May 08 13:42 2408 May 07 12:02	18° <b>8</b> 33'04	0-044/		2413 Apr 24 16:51 2413 Jul 01 03:05	0° <b>∺</b>	
behind sun end	2408 May 09 15:22	19° <b>8</b> 20'16		retrograde	2413 Jul 20 23:41	2° <b>)</b> 24′21	
asc. node	2408 May 15 20:18	23° <b>8</b> 53'02		-	2413 Aug 09 19:53	30°R <b>≈</b>	
P 4 5	2408 May 24 06:23	0°II	2 40412 477	opposition	2413 Aug 19 23:59	27°≈27'33	
max. Earth dist.	2408 Jun 21 09:35 2408 Jul 05 20:48	19°∏59'07 0° <b>©</b>	2.49418 AU	greatest brilliancy min. Earth dist.	2413 Aug 20 10:26 2413 Aug 21 10:34	27°≈20'37 27°≈04'36	-2.9m 0.37422 AU
morning rise	2408 Jul 03 20:48 2408 Jul 07 14:37	1°5911'39		direct	2413 Aug 21 10:34 2413 Sep 19 03:51	27°≈0436 22°≈23'58	U.J 1444 AU
<b>5</b> -	2408 Aug 19 17:51	$0$ ° $\Omega$			2413 Oct 24 12:37	0° <b>)</b> €	
	2408 Oct 06 01:26	0° <b>m</b>			2413 Dec 19 20:39	0° <b>Υ</b>	
	2408 Nov 25 17:20	0° <b>™</b>		asc. node	2414 Jan 05 17:04	10° <b>Y</b> 36'38	
	2409 Jan 24 14:05	0° <b>M</b>			2414 Feb 04 13:56	0° <b>8</b>	

	2414 Mar 22 06:44	$\Pi$ $\circ 0$			2419 Feb 06 15:20	0° <b>≈</b>	
	2414 May 07 12:25	$0$ $\circ$			2419 Mar 17 08:51	0° <b>ℋ</b>	
	2414 Jun 23 12:55	$0^{\circ}\Omega$			2419 Apr 24 19:32	$0$ ° $\mathbf{\gamma}$	
evening set	2414 Aug 02 01:40	25° <b>Ω</b> 00'51			2419 Jun 02 21:24	$_{0\circ}$ 8	
	2414 Aug 09 22:47	O° My			2419 Jul 13 15:53	$\Pi$ $\circ 0$	
max. Earth dist.	2414 Sep 09 11:35	19° <b>m</b> 23'21	2.67238 AU		2419 Aug 26 14:29	0°€	
				asc. node	2419 Aug 28 14:09	1° <b>©</b> 16'54	
conjunction	2414 Sep 16 18:20	24°M 02'15	0°59'02		2419 Oct 16 12:50	$0 {\circ} \Omega$	
minimum elong	2414 Sep 16 19:18	24° Mp 03'47	0°59'01	retrograde	2419 Dec 22 03:24	20° <b>Ω</b> 48'44	
	2414 Sep 26 01:49	0∘ <b>⊽</b>		min. Earth dist.	2420 Jan 28 15:10	11° <b>Ω</b> 58'22	0.65528 AU
morning rise	2414 Oct 31 01:24	22° <b>≏</b> 37'25		opposition	2420 Jan 31 09:14	10° <b>Ω</b> 52'15	4°31'12
	2414 Nov 11 07:48	$0^{\circ}$ M.		greatest brilliancy	2420 Jan 30 22:04	11° <b>Ω</b> 03'26	-1.4m
	2414 Dec 26 08:57	0° <b>∡</b> ¹		direct	2420 Mar 10 21:18	1° <b>Ω</b> 30′16	
desc. node	2415 Jan 22 11:51	18° <b>∡</b> ¹28'27			2420 Jun 05 05:10	0° <b>m</b>	
	2415 Feb 08 04:30	<sub>0°</sub> ප			2420 Jul 28 16:12	0∘ <b>ত</b>	
	2415 Mar 22 22:41	0° <b>≈</b>		desc. node	2420 Sep 13 08:31	29° <b>≙</b> 21'50	
	2415 May 04 02:22	0° <b>∀</b>			2420 Sep 14 07:45	0° <b>M</b> ₊	
	2415 Jun 15 20:57	$0$ $^{\circ}$ $\mathbf{\Upsilon}$			2420 Oct 28 08:09	0° <b>∡</b> 7	
	2415 Aug 02 09:21	0° <b>႘</b>		evening set	2420 Dec 01 11:34	24° <b>∡</b> 741'27	
retrograde	2415 Sep 29 21:21	19° <b>8</b> 20'52		C	2420 Dec 08 14:56	0°ಕ	
min. Earth dist.	2415 Oct 27 05:22	14° <b>8</b> 16'00	0.43937 AU	max. Earth dist.	2420 Dec 23 12:28	11°る13'03	2.39871 AU
opposition	2415 Nov 04 06:09	11° <b>8</b> 33'25			2421 Jan 16 23:22	0° <b>≈</b>	
greatest brilliancy	2415 Nov 03 22:23	11° <b>8</b> 39'59			2.21 (411 10 23.22	0 . 0 .	
asc. node	2415 Nov 23 17:06	6° <b>8</b> 17'08	2.0	conjunction	2421 Jan 29 15:40	9°≈52'40	-1°03'28
direct	2415 Dec 06 05:21	5° <b>8</b> 13'05		minimum elong	2421 Jan 29 14:34	9°≈50'33	
direct	2416 Feb 19 06:53	0°II		minimum ciong	2421 Feb 24 05:56	0° <b>∀</b>	1 03 20
	2416 Apr 13 01:22	0°©			2421 Apr 03 07:55	0° <b>Υ</b>	
	2416 Jun 02 07:35	0°Ω		morning rise	2421 Apr 08 13:53	4° <b>Υ</b> 06'26	
	2416 Jul 21 06:10	0° <b>m</b>		morning risc	2421 Apr 00 13:33 2421 May 12 02:43	0° <b>と</b>	
	2416 Sep 06 21:45	0∘ <b>ت</b> بالا			2421 Jun 21 10:27	0°II	
evening set	2416 Sep 07 00:12	0° <b>£</b> 03'56		asc. node	2421 Jul 15 14:02	17° <b>Ⅱ</b> 13'27	
max. Earth dist.	2416 Sep 07 00:12 2416 Oct 02 10:40		2.62445 AU	asc. Houe	2421 Jul 13 14:02 2421 Aug 03 02:03	17 <b>ப</b> 1327	
max. Earth dist.	2410 Oct 02 10.40	10 = 30 33	2.02443 AU		2421 Aug 03 02:03 2421 Sep 18 02:06	0° <b>U</b>	
<del> </del>	2416 0-4 22 10.55	29° <b>£</b> 56'59	0026126		•		
conjunction	2416 Oct 22 19:55	29° <b>£</b> 3639 29° <b>£</b> 58'24	0°26'36		2421 Nov 09 06:58	0°M)	
minimum elong	2416 Oct 22 20:47 2416 Oct 22 21:44	0°M	0°26'36	retrograde	2422 Jan 24 12:59	24° Mp 29'29 14° Mp 56'16	4912151
		0° <b>√</b> 1		opposition	2422 Mar 05 12:59	14 m/ 50 10 14° m/ 52'42	
	2416 Dec 06 00:35	0 <b>x</b> . 1° <b>x</b> 35'57		greatest brilliancy	2422 Mar 05 16:35	-	
morning rise	2416 Dec 08 07:45			min. Earth dist.	2422 Mar 06 16:23	14° Mp 29'06	0.67724 AU
desc. node	2416 Dec 09 11:20	2° <b>₹</b> 24'00		direct	2422 Apr 15 17:20	5° m 01'00	
	2417 Jan 17 07:21	0° <b>ਰ</b>		JJ.	2422 Jul 02 23:26	0° <b>⊽</b>	
	2417 Feb 27 01:01	0° <b>≈</b>		desc. node	2422 Aug 01 07:27	16° <b>Ω</b> 09'55	
	2417 Apr 07 17:29	0° <b>)</b> €			2422 Aug 24 02:52	0°M₊	
	2417 May 17 02:35	0° <b>Υ</b>			2422 Oct 08 08:59	0° <b>∡</b>	
	2417 Jun 26 07:47	8°0			2422 Nov 18 21:57	ි. ව°0	
	2417 Aug 08 08:54	0°Ⅱ			2422 Dec 28 04:31	0° <b>≈</b>	
,	2417 Sep 29 17:36	0°95		evening set	2423 Feb 03 19:09	29°≈34'48	
asc. node	2417 Oct 10 15:39	4°937'16			2423 Feb 04 07:53	0° <b>ℋ</b> 0° <b>Ƴ</b>	
retrograde	2417 Nov 15 00:33	12°509'40	0.56024.411		2423 Mar 14 08:36	O Y	
min. Earth dist.	2417 Dec 17 16:13		0.56924 AU		2422 4 12 02 47	220000 4122	0022110
greatest brilliancy	2417 Dec 23 08:57	2°545'22	-1.8m	conjunction	2423 Apr 13 02:47	23°Υ04'23	
opposition	2417 Dec 24 04:03	2°526'44	3°12′11	minimum elong	2423 Apr 13 05:27	23° <b>Y</b> 09'30	0°32′08
1.	2417 Dec 30 15:05	30°RII			2423 Apr 22 04:45	0° <b>B</b>	
direct	2418 Jan 29 15:02	24° <b>Ⅱ</b> 09'39			2423 Jun 01 14:29	0°II	
	2418 Mar 03 16:43	0°9		asc. node	2423 Jun 02 13:16	0° <b>Ⅱ</b> 41'16	2 440 44 4 4 4 4
	2418 May 09 01:09	0° <b>N</b>		max. Earth dist.	2423 Jun 03 03:07		2.44041 AU
	2418 Jul 01 00:30	0° <b>m</b>		morning rise	2423 Jun 17 13:14	11° <b>Ⅱ</b> 26'54	
	2418 Aug 19 03:34	0° <b>™</b>			2423 Jul 14 02:30	0°©	
	2418 Oct 04 11:42	0°M			2423 Aug 28 01:27	$\Omega^{\circ}\Omega$	
evening set	2418 Oct 16 01:03	7°M45'18			2423 Oct 14 23:03	0° Mp	
desc. node	2418 Oct 27 09:55	15°M29'47	0.50220.4==		2423 Dec 06 21:48	0∘ <b>亚</b>	
max. Earth dist.	2418 Nov 01 02:02		2.52668 AU	retrograde	2424 Mar 01 04:24	28° <b>£</b> 20'42	2026:27
	2418 Nov 17 06:46	0°⊀		opposition	2424 Apr 08 19:07	19° <b>£</b> 33'43	2°36'27
		:		greatest brilliancy	2424 Apr 09 06:46		-1.5m
conjunction	2418 Dec 04 12:51	12° 🖈 16'46		min. Earth dist.	2424 Apr 13 18:16	17° <b>£</b> 38'47	0.63312 AU
minimum elong	2418 Dec 04 11:50	12° <b>∡</b> 14'58	0°22'24	direct	2424 May 20 03:55	9° <b>£</b> 34'25	
	2418 Dec 28 19:58	0°る		desc. node	2424 Jun 18 06:18	14° <b>£</b> 18'36	
morning rise	2419 Jan 27 18:19	22° <b>る</b> 27'34			2424 Jul 25 18:50	$0^{\circ}$ M	

	2424 Sep 14 11:22	0° <b>≯</b> 7		conjunction	2429 Sep 02 15:45	10° <b>m</b> 44'11	1°05'41
	2424 Oct 27 13:17	0° <b>ට</b>		minimum elong	2429 Sep 02 16:22	10° <b>m</b> ) 45'10	1°05'40
	2424 Dec 06 09:14	0°≈			2429 Oct 02 20:46	0∘ <b>⊽</b>	
	2425 Jan 13 19:41	0° <b>)</b> €		morning rise	2429 Oct 17 00:40	9° <b>≏</b> 04'41	
	2425 Feb 21 03:19	$0$ ° $\mathbf{\gamma}$			2429 Nov 18 09:39	0°M	
	2425 Apr 01 08:13	0°8			2430 Jan 03 02:16	0° <b>∡</b> 7	
evening set	2425 Apr 14 00:03	9° <b>8</b> 27'02		desc. node	2430 Feb 08 04:13	24° <b>₮</b> 04'48	
asc. node	2425 Apr 19 11:46	13° <b>8</b> 30'28			2430 Feb 16 23:26	8°0	
	2425 May 12 03:53	$\Pi^{\circ}0$			2430 Apr 02 07:39	0° <b>≈</b>	
					2430 May 16 22:43	0° <b>∀</b>	
conjunction	2425 Jun 12 10:44	22° <b>Ⅱ</b> 03′25	0°32'34		2430 Jul 04 02:13	$0^{\circ}\Upsilon$	
minimum elong	2425 Jun 12 09:05	22° <b>Ⅱ</b> 00'34	0°32'33	retrograde	2430 Sep 05 23:44	21° <b>Y</b> 55'51	
	2425 Jun 23 23:45	0ං <b>ව</b>		min. Earth dist.	2430 Oct 02 10:26	17° <b>Y</b> 26'37	
max. Earth dist.	2425 Jul 13 00:36	12° <b>©</b> 53'01	2.56782 AU	opposition	2430 Oct 08 16:29	15° <b>Ƴ</b> 35'15	
morning rise	2425 Aug 04 15:38	27° <b>©</b> 52'59		greatest brilliancy	2430 Oct 07 22:55	15° <b>Y</b> ′48′22	-2.8m
	2425 Aug 07 21:12	$0$ $^{\circ}$ $\Omega$		direct	2430 Nov 07 21:16	10° <b>Y</b> 10'55	
	2425 Sep 23 16:06	0° <b>m</b> p		asc. node	2430 Dec 10 08:08	16° <b>Y</b> 19'58	
	2425 Nov 11 09:14	0∘ <b>ত</b>			2431 Jan 10 17:44	0°B	
	2426 Jan 02 06:21	0°M			2431 Mar 05 04:48	0°Щ	
	2426 Mar 07 00:18	0° <b>∡</b> 7			2431 Apr 23 13:18	0°©	
retrograde	2426 Apr 15 07:22	7° <b>∡</b> 745'14			2431 Jun 11 03:38	0° <b>N</b>	
desc. node	2426 May 06 04:36	5° <b>∡</b> 01'58			2431 Jul 29 08:14	0° <b>m</b>	
opposition	2426 May 21 01:15	0° <b>₹</b> 17'56		evening set	2431 Aug 24 16:31	16° <b>m</b> 35'47	
greatest brilliancy	2426 May 21 06:14	0° <b>₹</b> 13′28	-2.0m	P. 4. P.	2431 Sep 14 17:15	0∘ <b>ʊ</b>	2 ( 10 70 1 77
	2426 May 21 21:16	30°RM	0.50505.444	max. Earth dist.	2431 Sep 23 22:17	5° <b>£</b> 55'19	2.64959 AU
min. Earth dist.	2426 May 29 04:08	27°M23'41	0.52797 AU		2421 0 + 00 02 00	150 0 45100	0041124
direct	2426 Jun 29 08:29	21°M11'53		conjunction	2431 Oct 09 02:08	15° <b>Ω</b> 45'08	0°41'34
	2426 Aug 07 04:57	0° <b>∡</b>		minimum elong	2431 Oct 09 03:13	15° <b>Ω</b> 46'54	0°41'34
	2426 Sep 30 12:15	ිර ව°0			2431 Oct 30 18:24	0°M	
	2426 Nov 12 06:53	0° <b>₩</b>		morning rise	2431 Nov 23 05:30	15°M42'19 0°⊀	
	2426 Dec 22 04:09	0° <b>Υ</b>		daga mada	2431 Dec 14 04:22		
asc. node	2427 Jan 30 13:10 2427 Mar 07 11:21	0° γ 26° Υ 53'03		desc. node	2431 Dec 27 02:42 2432 Jan 25 23:01	8° <i>≯</i> 57'04 0°る	
asc. node	2427 Mar 07 11.21 2427 Mar 11 16:57	0° <b>8</b>			2432 Mar 07 07:20	0°≈	
	2427 Mai 11 10.37 2427 Apr 22 10:01	0°II			2432 Mai 07 07:20 2432 Apr 16 15:55	0 <b>∞</b> 0° <b>∀</b>	
	2427 Apr 22 10:01 2427 Jun 04 23:54	0°©			2432 May 26 19:09	0° <b>Υ</b>	
evening set	2427 Jun 07 00:38	1° <b>©</b> 22'01			2432 Jul 07 03:54	0°8	
e venning see	2427 Jul 20 08:06	0° <b>Ω</b>			2432 Aug 22 06:56	0°II	
	2427 Jul 20 00.00	0 00		asc. node	2432 Oct 27 08:22	24°∏10'48	
conjunction	2427 Jul 27 16:13	4° <b>Ω</b> 46'02	1°04'54	retrograde	2432 Oct 29 10:46	24° <b>∏</b> 12'44	
minimum elong	2427 Jul 27 15:23	4°Ω44'41		min. Earth dist.	2432 Nov 28 21:47	17° <b>Ⅱ</b> 50'30	0.52052 AU
max. Earth dist.	2427 Aug 09 01:36		2.64918 AU	opposition	2432 Dec 06 13:50		1°59'43
	2427 Sep 04 23:35	0° m)		greatest brilliancy	2432 Dec 05 23:04	15° <b>Ⅱ</b> 10'59	
morning rise	2427 Sep 12 10:44	4° m 44'49		direct	2433 Jan 10 09:54	7° <b>Ⅱ</b> 18'38	
C	2427 Oct 22 09:33	0° <del>ٽ</del>			2433 Mar 24 06:59	0°ಅ	
	2427 Dec 09 07:50	0° <b>M</b>			2433 May 19 00:13	$0^{\circ}\Omega$	
	2428 Jan 27 03:54	0° <b>∡</b> ¹			2433 Jul 08 21:00	0° <b>m</b> )	
	2428 Mar 18 18:42	0°ರ			2433 Aug 26 06:39	0∘ <b>⊽</b>	
desc. node	2428 Mar 23 04:24	2° <b>る</b> 23'58		evening set	2433 Sep 30 07:25	22° <b>≙</b> 38'07	
	2428 May 25 19:58	0° <b>≈</b>			2433 Oct 11 10:14	0°M	
retrograde	2428 Jun 18 14:23	3° <b>≈</b> 15′08		max. Earth dist.	2433 Oct 19 10:35	5°M22'04	2.57035 AU
	2428 Jul 12 01:05	30°₹₹		desc. node	2433 Nov 13 01:06	22°M09'20	
opposition	2428 Jul 19 16:48	27° <b>る</b> 53'03	-5°54'00				
greatest brilliancy	2428 Jul 20 21:42	27° <b>る</b> 32'12	-2.7m	conjunction	2433 Nov 16 19:47	24°M46'35	-0°02'16
min. Earth dist.	2428 Jul 25 17:31	26°る09'23	0.40044 AU	minimum elong	2433 Nov 16 19:43	24°M46'29	0°02'15
direct	2428 Aug 21 11:53	21° <b>る</b> 44'08		behind sun begin	2433 Nov 15 23:24	24°M11'12	
	2428 Sep 26 23:49	0° <b>≈</b>		behind sun end	2433 Nov 17 16:02	25°M21'48	
	2428 Nov 19 20:16	0° <b>∀</b>			2433 Nov 24 07:21	0° <b>∡</b>	
	2429 Jan 03 04:04	$0^{\circ}\mathbf{\Upsilon}$			2434 Jan 05 02:26	0°ප	
asc. node	2429 Jan 22 09:43	13° <b>Y</b> 22'36		morning rise	2434 Jan 06 01:54	0° <b>る</b> 43'06	
	2429 Feb 15 08:07	0°8			2434 Feb 14 05:11	0° <b>≈</b>	
	2429 Mar 31 04:48	0°II			2434 Mar 25 06:05	0° <b>∀</b>	
	2429 May 15 08:02	0°©			2434 May 02 23:21	0° <b>Υ</b>	
	2429 Jun 30 16:39	0°N			2434 Jun 11 07:52	0° <b>B</b>	
evening set	2429 Jul 18 05:45	11° <b>Ω</b> 12'45			2434 Jul 22 13:48	0° <b>I</b>	
F d F :	2429 Aug 16 18:27	0°m/21120	2 (7(72 +11	1	2434 Sep 05 21:17	0°95	
max. Earth dist.	2429 Aug 31 11:44	9 HJ 21 29	2.67672 AU	asc. node	2434 Sep 14 08:02	5° <b>©</b> 05'46	

	242437 02 10 12	22.0			0.420.37 0.7 02.00	22	
	2434 Nov 03 18:13	0° <b>Ω</b>			2439 Nov 05 23:02	0°ප	
retrograde	2434 Dec 08 07:58	6° <b>£</b> 52'48			2439 Dec 15 11:24	0° <b>≈</b>	
	2435 Jan 09 12:56	30° <b>₹</b> 5			2440 Jan 22 17:39	0° <b>∀</b>	
min. Earth dist.	2435 Jan 13 01:26	28° <b>©</b> 37'27	0.62863 AU		2440 Feb 29 21:22	$0^{\circ}\mathbf{\Upsilon}$	
opposition	2435 Jan 17 07:47	26°\$55'26	4°15'03	evening set	2440 Mar 19 01:24	14° <b>Y</b> 05'39	
greatest brilliancy	2435 Jan 16 15:40	27° <b>©</b> 11'31	-1.5m		2440 Apr 08 21:31	$9^{\circ}$ 8	
direct	2435 Feb 24 19:03	17° <b>©</b> 54'18		asc. node	2440 May 06 04:56	20° <b>8</b> 20'01	
	2435 Apr 16 14:48	$0 ^{\circ} \Omega$			2440 May 19 11:52	$\Pi$ $^{\circ}0$	
	2435 Jun 16 12:19	O° Mp					
	2435 Aug 06 16:05	0∘ <b>ত</b>		conjunction	2440 May 22 00:07	1° <b>Ⅱ</b> 48'31	0°10'10
	2435 Sep 22 15:55	0°M		minimum elong	2440 May 21 23:24	1° <b>Ⅱ</b> 47'15	0°10'09
desc. node	2435 Oct 01 00:01	5°M33'15		behind sun begin	2440 May 21 03:35	1° <b>Ⅱ</b> 11'35	
	2435 Nov 05 12:53	0° <b>⊼</b> ¹		behind sun end	2440 May 22 19:14	2° <b>Ⅱ</b> 22'53	
evening set	2435 Nov 12 11:26	4° <b>√</b> 55'12		max. Earth dist.	2440 Jun 29 21:43	29° <b>Ⅱ</b> 09'42	2.52215 AU
max. Earth dist.	2435 Nov 27 02:41	15° <b>∡</b> 27′08	2.44871 AU		2440 Jul 01 03:01	0°9	
	2435 Dec 16 21:23	0°る		morning rise	2440 Jul 18 07:34	11°9540'45	
	2.50 200 10 21.25	<b>~ ~</b>			2440 Aug 14 22:44	0° <b>Ω</b>	
conjunction	2436 Jan 05 23:52	15° <b>⋜</b> 07'46	0°52'04		2440 Sep 30 23:35	0° <b>m</b>	
minimum elong	2436 Jan 05 21:49	15°る03'53			2440 Nov 19 17:35	0° <del>ت</del> م اللا	
minimum ciong	2436 Jan 25 09:12	0°≈	0 32 03			0° <b>M</b>	
				4 1 -	2441 Jan 14 09:11		
	2436 Mar 03 19:07	0° <b>)</b> (1.4151		retrograde	2441 Mar 27 02:22	21°M25'46	0050124
morning rise	2436 Mar 09 04:43	4° <b>)</b> € 14'51		opposition	2441 May 03 04:50	13°M21'46	
	2436 Apr 10 23:30	0° <b>Υ</b>		greatest brilliancy	2441 May 03 10:48	13°M16'12	-1.8m
	2436 May 19 19:38	0°B		min. Earth dist.	2441 May 10 07:08	10°M43'20	0.57547 AU
	2436 Jun 29 05:09	$\Pi^{\circ}0$		desc. node	2441 May 22 21:04	6°M36'46	
asc. node	2436 Aug 01 05:57	23° <b>Ⅱ</b> 17'06		direct	2441 Jun 12 16:44	3°M43'53	
	2436 Aug 11 03:11	$0$ $\circ$			2441 Aug 26 14:37	0° <b>∡</b> ¹	
	2436 Sep 27 03:29	$0 ^{\circ} \Omega$			2441 Oct 12 03:17	0°ರ	
	2436 Nov 23 12:18	O° Mp			2441 Nov 22 03:35	0° <b>≈</b>	
retrograde	2437 Jan 11 04:03	11° <b>M</b> )47'54			2441 Dec 31 05:00	0° <b>∀</b>	
opposition	2437 Feb 20 09:34	2° Mp 02'52	4°29'13		2442 Feb 08 00:15	$0$ ° $\mathbf{\Upsilon}$	
greatest brilliancy	2437 Feb 20 07:32	2° Mp 04'53	-1.3m		2442 Mar 19 16:09	0°8	
min. Earth dist.	2437 Feb 20 00:27	2°m/11'57	0.67647 AU	asc. node	2442 Mar 24 02:47	3° <b>8</b> 17'40	
	2437 Feb 25 13:53	30°R <b>Ω</b>			2442 Apr 29 22:31	$\Pi^{\circ}0$	
direct	2437 Apr 02 01:52	22° <b>Ω</b> 17'34		evening set	2442 May 18 21:26	13° <b>Ⅱ</b> 19'55	
	2437 May 11 09:19	O° Mp		Č	2442 Jun 12 03:30	0ಂತಾ	
	2437 Jul 13 19:30	0∘ <b>⊽</b>				· -	
desc. node	2437 Aug 17 22:58	20° <b>₽</b> 49'00		conjunction	2442 Jul 11 08:37	19° <b>©</b> 33'53	0°56'33
dese. Hode	2437 Sep 01 11:47	0°M		minimum elong	2442 Jul 11 07:12	19° <b>©</b> 33'33	0°56'33
	2437 Oct 16 02:24	0° <b>∡</b> 7		minimum clong	2442 Jul 27 05:47	0°Ω	0 3033
	2437 Nov 26 11:39	% % %		max. Earth dist.	2442 Jul 30 08:22		2.62369 AU
		0°≈					2.02309 AU
	2438 Jan 04 18:03			morning rise	2442 Aug 29 01:12	21° <b>Ω</b> 11'58	
evening set	2438 Jan 07 10:47	2°≈06'03			2442 Sep 11 20:28	0° m/	
	2438 Feb 11 21:49	0° <b>∀</b>			2442 Oct 29 14:33	0∘ <b>亚</b>	
					2442 Dec 17 13:33	0° <b>M</b>	
conjunction	2438 Mar 15 02:59	24° <b>)</b> (39′41			2443 Feb 07 02:05	0° <b>∡</b>	
minimum elong	2438 Mar 15 06:02	24° <b>)</b> (45'39	0°54'52	desc. node	2443 Apr 09 19:48	29° <b>∡</b> 52'18	
	2438 Mar 21 22:04	0° <b>Υ</b>			2443 Apr 10 04:05	0° <b>る</b>	
	2438 Apr 29 16:27	$9^{\circ}$ 8		retrograde	2443 May 21 18:58	8° <b>る</b> 44'39	
max. Earth dist.	2438 Apr 30 04:16		2.38823 AU	opposition	2443 Jun 23 17:47	2° <b>る</b> 30'54	
morning rise	2438 May 24 01:58	18° <b>8</b> 19'32		greatest brilliancy	2443 Jun 24 19:58	2° <b>る</b> 09'46	-2.4m
	2438 Jun 08 23:52	$\Pi$ $^{\circ}0$			2443 Jul 01 13:27	30°₽ <b>⋌</b>	
asc. node	2438 Jun 19 05:23	7° <b>Ⅱ</b> 22'57		min. Earth dist.	2443 Jul 01 21:08	29° <b>₰</b> 54'00	0.44673 AU
	2438 Jul 21 11:03	$0$ $\circ$ $\odot$		direct	2443 Jul 29 17:28	24° <b>∡</b> ¹56'38	
	2438 Sep 04 15:04	$0^{\circ}\Omega$			2443 Aug 26 16:47	0°₹	
	2438 Oct 23 12:03	0° <b>m</b>			2443 Oct 22 16:55	0° <b>≈</b>	
	2438 Dec 19 21:51	0∘ <b>⊽</b>			2443 Dec 05 01:32	0° <b>ℋ</b>	
retrograde	2439 Feb 15 08:06	15° <b>≏</b> 02'31			2444 Jan 15 07:00	$0^{\circ}\mathbf{\Upsilon}$	
opposition	2439 Mar 26 15:31	5° <b>£</b> 54'36	3°23'38	asc. node	2444 Feb 09 01:55	18° <b>Y</b> 00′53	
greatest brilliancy	2439 Mar 27 01:42				2444 Feb 25 18:11	0°8	
min. Earth dist.	2439 Mar 30 03:28	4° <b>£</b> 32'31	0.65810 AU		2444 Apr 08 11:39	0°II	
	2439 Apr 11 17:40	30°R.M⊅			2444 May 22 20:15	0°©	
direct	2439 May 07 03:37	25° m 52'36		evening set	2444 Jul 02 17:32	26°5947'09	
	2439 Jun 03 11:44	ე∘ <b>ი</b>		o . oig set	2444 Jul 07 16:53	0°Ω	
desc. node	2439 Jul 05 21:45	0 <b>—</b> 12° <b>Ω</b> 25'25			2	~ UC	
desc. Hode	2439 Aug 08 05:31	0°M		conjunction	2444 Aug 19 08:38	27° <b>Ω</b> 20'17	1°08'38
	2439 Aug 08 03.31 2439 Sep 24 17:19	0° <b>⊼</b> 1		minimum elong	2444 Aug 19 08:46	$27^{\circ} \Omega 20'29$	1°08'37
	2 <del>4</del> 37 оср 24 17.19	· ,		minimum ciong	2777 Aug 19 00.40	21 0620 29	1 003/

max. Earth dist.	2444 Aug 22 12:11	29° <b>Ω</b> 20′38	2.67244 AU	retrograde	2449 Nov 23 19:40	21° <b>©</b> 52'11	
	2444 Aug 23 12:55	0° <b>m</b> ∕		min. Earth dist.	2449 Dec 27 14:48	14°916'40	0.59280 AU
morning rise	2444 Oct 03 06:48	25° <b>m</b> 55'29		opposition	2450 Jan 02 08:20	12° <b>©</b> 01'07	3°41'43
	2444 Oct 09 16:23	0∘ <b>亚</b>		greatest brilliancy	2450 Jan 01 13:15	12° <b>©</b> 19'58	-1.7m
	2444 Nov 25 14:48	0° <b>M</b> .		direct	2450 Feb 08 14:05	3° <b>5</b> 26′19	
	2445 Jan 11 04:28	0° <b>∡</b> ¹			2450 May 01 13:17	$0$ $^{\circ}$ $\Omega$	
desc. node	2445 Feb 24 19:01	28° <b>∡</b> ¹48'05			2450 Jun 25 11:27	0° <b>m</b>	
	2445 Feb 26 15:42	0° <b>ප</b>			2450 Aug 14 05:32	0∘ <b>⊽</b>	
	2445 Apr 14 20:13	0° <b>≈</b>			2450 Sep 29 19:04	0° <b>M</b> ₊	
_	2445 Jun 05 00:09	0° <b>∀</b>		desc. node	2450 Oct 17 15:09	11°M.59'53	
retrograde	2445 Aug 07 21:33	20° <b>)</b> 38′56		evening set	2450 Oct 25 13:54	17°M26'08	
min. Earth dist.	2445 Sep 05 16:29		0.37296 AU	max. Earth dist.	2450 Nov 09 10:12	27°M45'02	2.49982 AU
opposition	2445 Sep 07 10:29	15° <b>¥</b> 29'02			2450 Nov 12 15:00	0° <b>∡</b> ¹	
greatest brilliancy	2445 Sep 07 05:32	15° <b>)</b> 32′22	-2.9m		2450 5 45 42 26	220 74420	002.401
direct	2445 Oct 06 21:58	10° <b>)</b> 34'47		conjunction	2450 Dec 15 13:36	23° <b>х</b> 41'38	
1	2445 Dec 07 10:04	0° <b>Υ</b>		minimum elong	2450 Dec 15 12:03	23° <b>х</b> 38′49	0°34'00
asc. node	2445 Dec 27 01:39	10° <b>Y</b> 51'22			2450 Dec 24 02:54	5°0	
	2446 Jan 27 18:25	0° <b>B</b>			2451 Feb 01 19:47	0° <b>≈</b>	
	2446 Mar 16 02:36	0°II		morning rise	2451 Feb 10 15:24	6°≈47'50	
	2446 May 02 04:00	0° <b>©</b>			2451 Mar 12 10:35	0° <b>ℋ</b> 0° <b>Ƴ</b>	
	2446 Jun 18 15:20	0° <b>N</b>			2451 Apr 19 18:50		
	2446 Aug 05 06:44	0°M)			2451 May 28 17:52	0°B	
evening set	2446 Aug 10 09:09	3° Mp 13'12	2 ((((0 AII	1-	2451 Jul 08 07:23	0°II	
max. Earth dist.	2446 Sep 14 18:42	25° Mp 42'13 0° <u> </u>	2.66660 AU	asc. node	2451 Aug 18 23:03	28° <b>∏</b> 50'11 0° <b>©</b>	
	2446 Sep 21 11:41	0 ==			2451 Aug 20 17:14	0° <b>U</b>	
conjunction	2446 Sep 24 20:17	2° <b>ي</b> 09'22	0052122	retrograde	2451 Oct 08 14:03 2451 Dec 29 20:33	28° <b>Ω</b> 52'18	
minimum elong	2446 Sep 24 20:17 2446 Sep 24 21:21	2° <b>2</b> 11'05		min. Earth dist.	2451 Dec 29 20.33 2452 Feb 06 05:48	28 <b>δί</b> 32 18 19° <b>Ω</b> 44'26	0.66560 AU
minimum ciong	2446 Nov 06 15:53	0°M	0 33 31	opposition	2452 Feb 08 03:25	19 <b>δί</b> 44 20 18° <b>Ω</b> 58'49	4°34'09
morning rise	2446 Nov 08 06:54	1° <b>ML</b> 04'19		greatest brilliancy	2452 Feb 07 19:27	18 <b>∂ℓ</b> 38 <b>4</b> 9 19° <b>Ω</b> 06'47	-1.3m
morning risc	2446 Dec 21 11:17	1 11004 19 0° <b>∡</b> 7		direct	2452 Mar 19 02:46	9° <b>Ω</b> 27'18	-1.5111
desc. node	2447 Jan 12 18:02	0 <b>x</b> 15° <b>x</b> 16'57		direct	2452 May 28 07:18	0° <b>m</b> )	
dese. Hode	2447 Feb 02 21:02	0° <b>궁</b>			2452 Jul 23 01:40	0∘ <u>ರ</u>	
	2447 Mar 17 01:01	0°≈		desc. node	2452 Sep 03 14:54	o <b>—</b> 26° <b>≏</b> 17'13	
	2447 Apr 27 09:20	0° <b>₩</b>		dese. Hode	2452 Sep 09 08:18	0° <b>M</b>	
	2447 Jun 07 20:20	ο°Υ			2452 Oct 23 13:32	0° <b>⊼</b> ¹	
	2447 Jul 21 19:10	0°8			2452 Dec 03 21:22	0°ප	
	2447 Sep 19 18:34	0°II		evening set	2452 Dec 13 23:50	7° <b>る</b> 35'28	
retrograde	2447 Oct 11 17:29	3° <b>Ⅱ</b> 18'37			2453 Jan 12 05:02	0° <b>≈</b>	
	2447 Nov 02 04:46	30° <b>₹</b> 8		max. Earth dist.	2453 Jan 19 17:59		2.37639 AU
min. Earth dist.	2447 Nov 09 01:55		0.46807 AU				
asc. node	2447 Nov 14 00:36	26° <b>8</b> 02'25		conjunction	2453 Feb 14 02:23	25° <b>≈</b> 47'29	-1°04'42
opposition	2447 Nov 17 07:26	24° <b>8</b> 52'01	0°11'06	minimum elong	2453 Feb 14 02:47	25° <b>≈</b> 48'16	1°04'42
greatest brilliancy	2448 Jul 31 17:16	9° <b>m</b> 30'40	1.8m	•	2453 Feb 19 10:18	0° <b>∀</b>	
direct	2447 Dec 20 07:07	18° <b>8</b> 01'25			2453 Mar 29 11:16	$0^{\circ}$ $\Upsilon$	
	2448 Feb 06 22:10	$\Pi^{\circ}0$		morning rise	2453 Apr 25 20:12	21° <b>Y</b> 17'13	
	2448 Apr 06 04:13	0ං <b>ව</b>			2453 May 07 05:15	$9^{\circ}$ 8	
	2448 May 27 20:10	$0^{\circ}\Omega$			2453 Jun 16 11:48	$\Pi^{\circ}0$	
	2448 Jul 16 08:27	0° <b>m</b>		asc. node	2453 Jul 05 20:55	13° <b>耳</b> 54′01	
	2448 Sep 02 05:56	0∘ <b>ত</b>			2453 Jul 29 00:18	0°⊛	
evening set	2448 Sep 15 08:32	8° <b>≏</b> 24'36			2453 Sep 12 13:50	$0 ^{\circ} \Omega$	
max. Earth dist.	2448 Oct 08 10:13	23° <b>≙</b> 27'20	2.60732 AU		2453 Nov 02 02:26	0° <b>™</b>	
	2448 Oct 18 07:21	0°M₊			2454 Jan 12 16:01	0∘ <b>⊽</b>	
				retrograde	2454 Feb 01 07:48	2° <b>≏</b> 12'33	
conjunction	2448 Oct 31 14:42	8°ML55'10			2454 Feb 19 20:16	30° <b>₽, ™</b> )	
minimum elong	2448 Oct 31 15:17	8°M56'09	0°16'39	opposition	2454 Mar 13 03:15	22° <b>m</b> 47'29	3°57'58
desc. node	2448 Nov 29 16:30	28°M50'27		greatest brilliancy	2454 Mar 13 09:37	22° <b>m</b> /41'12	
_	2448 Dec 01 08:27	0° <b>∡</b> ¹		min. Earth dist.	2454 Mar 15 03:04	22° Mp 00'16	0.67336 AU
morning rise	2448 Dec 18 04:00	11° <b>х</b> 49'13		direct	2454 Apr 23 12:04	12° <b>m</b> ) 48'27	
	2449 Jan 12 11:20	0°ප		_	2454 Jun 24 10:40	0∘ <b>亚</b>	
	2449 Feb 21 23:35	0° <b>≈</b>		desc. node	2454 Jul 22 13:47	14° <b>£</b> 23'53	
	2449 Apr 02 09:55	0° <b>∀</b>			2454 Aug 18 06:38	0° <b>M</b> ₊	
	2449 May 11 12:11	0° <b>Υ</b>			2454 Oct 03 04:40	0° <b>∡</b> ¹	
	2449 Jun 20 07:15	0° <b>B</b>			2454 Nov 13 23:14	5°0	
	2449 Aug 01 09:58	0°II			2454 Dec 23 07:40	0° <b>≈</b>	
1	2449 Sep 18 16:38	0°छ			2455 Jan 30 11:35	0° <b>\</b> 1€° <b>\</b> 0€107	
asc. node	2449 Sep 30 23:29	6° <b>©</b> 22'51		evening set	2455 Feb 19 20:30	16° <b>∺</b> 06'07	

	2455 Mar 09 12:39 2455 Apr 17 09:11	0° <b>∀</b>		desc. node	2460 Mar 10 01:28 2460 Mar 13 10:13	0°궁 1°궁59'45	
	2455 4 20 10 50	001.401.00	001 (10.4		2460 May 03 01:48	0° <b>≈</b>	
conjunction	2455 Apr 28 10:58	8° <b>8</b> 21'22		retrograde	2460 Jul 06 14:54	19°≈32'08	6020150
minimum elong asc. node	2455 Apr 28 12:21 2455 May 23 20:12	8° <b>と</b> 23'59 27° <b>と</b> 07'21	0°16'32	opposition	2460 Aug 05 19:53	14°≈30'20 14°≈15'41	-6°39′50 -2.9m
asc. node	2455 May 27 19:16	0° <b>I</b>		greatest brilliancy min. Earth dist.	2460 Aug 06 17:28 2460 Aug 09 15:22	14 ≈1341 13°≈28'19	0.38254 AU
max. Earth dist.	2455 Jun 14 20:35	12° <b>∏</b> 56′24	2.47048 AU	direct	2460 Sep 05 23:59	9°≈03'33	0.38234 AU
morning rise	2455 Jun 29 21:28	23° <b>II</b> 29'52	2.47040710	direct	2460 Nov 07 13:44	0° <b>∺</b>	
	2455 Jul 09 07:08	0°ಅ			2460 Dec 26 00:50	$0^{\circ}\Upsilon$	
	2455 Aug 23 03:11	$0^{\circ}\Omega$		asc. node	2461 Jan 12 17:01	11° <b>Y</b> 45'16	
	2455 Oct 09 14:29	0° <b>m</b>			2461 Feb 08 19:23	$8^{\circ}$ 0	
	2455 Nov 29 23:57	0∘ <b>亚</b>			2461 Mar 25 12:49	$\Pi^{\circ}0$	
	2456 Feb 02 17:55	0° <b>M</b>			2461 May 10 04:53	$0$ $\circ$ $\odot$	
retrograde	2456 Mar 10 03:52	6°M44'44			2461 Jun 25 21:11	$0^{\circ}\Omega$	
	2456 Apr 12 12:10	30° <b>₹</b> Ω		evening set	2461 Jul 26 19:11	19° <b>Ω</b> 38'48	
opposition	2456 Apr 17 07:36	28° <b>£</b> 11'33		T	2461 Aug 12 02:58	0° m/y	0 (550 ( 177
greatest brilliancy	2456 Apr 17 18:31	28° <b>£</b> 01'07	-1.6m	max. Earth dist.	2461 Sep 05 16:31	15° II <b>y</b> 36'10	2.67536 AU
min. Earth dist. direct	2456 Apr 23 02:02 2456 May 28 11:52	25° <b>♀</b> 59'27 18° <b>♀</b> 17'02	0.61516 AU	conjunction	2461 Sep 10 18:09	18° <b>m</b> 49'51	1°02'13
desc. node	2456 Jun 08 11:52	18 <b>⊆</b> 17 02 19° <b>⊆</b> 02'08		minimum elong	2461 Sep 10 18:59	18° Mp 51'12	
dese. Hode	2456 Jul 15 02:27	0°M		minimum crong	2461 Sep 28 05:48	0° <b>ರ</b>	1 02 12
	2456 Sep 07 22:04	0° <b>∡</b> 7		morning rise	2461 Oct 25 00:42	17° <b>≏</b> 14'56	
	2456 Oct 21 21:26	0°ठ			2461 Nov 13 15:02	0° <b>M</b>	
	2456 Dec 01 01:38	0° <b>≈</b>			2461 Dec 28 23:14	0° <b>∡</b> ¹	
	2457 Jan 08 16:21	0° <b>)</b> €		desc. node	2462 Jan 29 09:11	21° <b>∡</b> 13′04	
	2457 Feb 16 03:08	$0^{\circ}\mathbf{\Upsilon}$			2462 Feb 11 05:45	0°₹	
	2457 Mar 27 10:42	$0^{\circ}S$			2462 Mar 26 15:10	0° <b>≈</b>	
asc. node	2457 Apr 09 20:16	9° <b>8</b> 58'25			2462 May 08 16:15	0° <b>∀</b>	
evening set	2457 Apr 27 08:26	22° <b>8</b> 47'13			2462 Jun 22 00:23	0° <b>Υ</b>	
	2457 May 07 08:42	0°II			2462 Aug 14 17:44	0° <b>8</b>	
	2457 Jun 19 06:25	0ං <b>ව</b>		retrograde min. Earth dist.	2462 Sep 19 23:47 2462 Oct 16 17:40	8° <b>8</b> 22'26	0.41772 AU
conjunction	2457 Jun 23 11:44	2° <b>9</b> 52'37	0°42'56	opposition	2462 Oct 24 05:48	1° <b>8</b> 12'15	
minimum elong	2457 Jun 23 09:59	2°549'39		greatest brilliancy	2462 Oct 23 16:07	1°823'17	
max. Earth dist.	2457 Jul 19 17:18	20°528'54	2.58972 AU	greatest erimane,	2462 Oct 28 01:17	30°RY	2.7111
	2457 Aug 03 04:08	$0^{\circ}\Omega$		direct	2462 Nov 24 09:01	25° <b>Y</b> 17'36	
morning rise	2457 Aug 13 20:40	6° <b>Ω</b> 57'53		asc. node	2462 Nov 30 17:07	25° <b>Ƴ</b> 33'34	
	2457 Sep 18 20:06	0° <b>m</b> )			2462 Dec 22 14:55	$9^{\circ}$ 8	
	2457 Nov 06 02:35	0∘ <b>⊽</b>			2463 Feb 25 01:31	$\Pi^{\circ}0$	
	2457 Dec 26 15:02	0°M₊			2463 Apr 17 12:27	0ංම	
	2458 Feb 21 09:38	0° <b>∡</b>			2463 Jun 05 23:10	0° <b>N</b>	
desc. node	2458 Apr 26 10:52	18° 🗷 25'11		. ,	2463 Jul 24 13:26	0° Mp	
retrograde opposition	2458 Apr 27 11:29 2458 Jun 01 06:49	18° <b>₹</b> 25'34 11° <b>₹</b> 22'26	1044'21	evening set	2463 Sep 01 20:41 2463 Sep 10 02:37	24° Mp 44′09 0° <u> </u>	
greatest brilliancy	2458 Jun 01 19:36	11° <b>x</b> *2220		max. Earth dist.	2463 Sep 29 10:30	0 <b>==</b> 12° <b>£</b> 27'33	2.63666 AU
min. Earth dist.	2458 Jun 09 17:04	8°×726'51	0.49928 AU	max. Latur dist.	2403 Sep 27 10.30	12 -27 33	2.03000 AC
direct	2458 Jul 09 15:18	2° <b>×</b> <sup>7</sup> 42'20	0.19920110	conjunction	2463 Oct 17 10:22	24° <b>≙</b> 13'40	0°33'13
	2458 Sep 21 12:29	0°ರ		minimum elong	2463 Oct 17 11:21	24° <b>£</b> 15'18	
	2458 Nov 05 09:17	0° <b>≈</b>			2463 Oct 26 03:51	0°M	
	2458 Dec 16 01:28	0° <b>∀</b>		morning rise	2463 Dec 02 05:44	25°ML02'02	
	2459 Jan 24 21:47	$0^{\circ}$ Y			2463 Dec 09 10:38	0°⊀	
asc. node	2459 Feb 25 18:49	23° <b>Y</b> 41′05		desc. node	2463 Dec 17 08:31	5° <b>∡</b> 129'34	
	2459 Mar 06 09:56	0° <b>8</b>			2464 Jan 20 23:14	0°る	
	2459 Apr 17 09:31	0°Ⅱ			2464 Mar 01 23:41	0° <b>≈</b>	
	2459 May 31 04:31	0.22 0.22			2464 Apr 10 22:56	0° <b>ℋ</b> 0° <b>Ƴ</b>	
evening set	2459 Jun 17 02:41 2459 Jul 15 15:48	11° <b>©</b> 16′59 0° <b>Ω</b>			2464 May 20 15:01 2464 Jun 30 05:10	0° <b>∀</b>	
	2737 Jul 13 13.40	· 06			2464 Aug 13 03:35	0°II	
conjunction	2459 Aug 05 12:26	13° <b>Ω</b> 28'52	1°07'32		2464 Oct 10 14:36	0°©	
minimum elong	2459 Aug 05 11:58	13° <b>£</b> 28'06		asc. node	2464 Oct 17 16:01	2° <b>©</b> 07'42	
max. Earth dist.	2459 Aug 14 12:27			retrograde	2464 Nov 08 02:55	5°509'40	
	2459 Aug 31 07:54	0° m/			2464 Dec 05 05:47	30° <b>₹Ⅱ</b>	
morning rise	2459 Sep 20 11:47	12° <b>m</b> 49'12		min. Earth dist.	2464 Dec 09 19:10	28° <b>Ⅱ</b> 19'51	0.54835 AU
	2459 Oct 17 14:35	0∘ <b>⊽</b>		opposition	2464 Dec 16 20:36	25° <b>Ⅲ</b> 36'51	2°45'28
	2459 Dec 04 02:34	0° <b>M</b>		greatest brilliancy	2464 Dec 16 02:26	25° <b>∏</b> 54'21	-1.9m
	2460 Jan 20 22:48	0° <b>∡</b> 7		direct	2465 Jan 21 15:21	17° <b>Ⅱ</b> 35'46	

	2465 Mar 13 07:32	0° <b>©</b>		conjunction	2470 Mar 31 15:05	11° <b>Y</b> ′20′25	0°42'07
	2465 May 12 15:57	0°Ω		minimum elong	2470 Mar 31 13:03 2470 Mar 31 18:20	11° <b>Y</b> 26'43	
	2465 Jul 03 15:59	0°M)		minimum ciong	2470 Mai 31 18.20 2470 Apr 24 21:10	0° <b>8</b>	0 43 04
	2465 Aug 21 12:08	0∘ <b>⊽</b>		max. Earth dist.	2470 May 22 13:57		2.41607 AU
	2465 Oct 06 19:23	0°M.		max. Earth dist.	2470 May 22 13.37 2470 Jun 04 04:33	20 <b>O</b> 43 33	2.41007 AU
		1°M33'19			2470 Jun 04 04:33 2470 Jun 07 08:40	0°Щ 2°Щ18'00	
evening set	2465 Oct 09 03:24		2.5.4700 ATT	morning rise			
max. Earth dist.	2465 Oct 26 09:11	13°M11'06	2.54709 AU	asc. node	2470 Jun 09 13:41	3° <b>Ⅱ</b> 53'46	
desc. node	2465 Nov 03 07:24	18°M36'45			2470 Jul 16 14:40	0°©	
	2465 Nov 19 16:35	0° <b>∡</b> 7			2470 Aug 30 13:38	O°O	
	246531 26 15 20	40 35440	0010146		2470 Oct 17 17:59	0° my	
conjunction	2465 Nov 26 15:29	4° <b>∡</b> 754'12			2470 Dec 11 00:42	0∘ <b>⊽</b>	
minimum elong	2465 Nov 26 14:53	4° <b>₹</b> 53'09	0°13'45	retrograde	2471 Feb 23 16:34	23° <b>₾</b> 02'38	
behind sun begin	2465 Nov 26 03:30	4° <b>∡</b> °33'01		opposition	2471 Apr 03 15:40	14° <b>≏</b> 05'50	
behind sun end	2465 Nov 27 02:16	5° <b>∡</b> 13'17		greatest brilliancy	2471 Apr 04 02:57	13° <b>≏</b> 54'52	-1.4m
	2465 Dec 31 09:22	0° <b>る</b>		min. Earth dist.	2471 Apr 07 23:40	12° <b>≏</b> 24'53	0.64557 AU
morning rise	2466 Jan 17 22:04	13° <b>る</b> 01'23		direct	2471 May 15 03:10	4° <b>ჲ</b> 04'21	
	2466 Feb 09 08:39	0° <b>≈</b>		desc. node	2471 Jun 26 03:38	13° <b>≏</b> 11'26	
	2466 Mar 20 05:26	0° <b>ℋ</b>			2471 Jul 31 18:08	0° <b>M</b>	
	2466 Apr 27 18:37	$0$ ° $\Upsilon$			2471 Sep 18 22:42	0° <b>∡</b> ¹	
	2466 Jun 05 22:18	$9^{\circ}$ 8			2471 Oct 31 16:23	0°₹	
	2466 Jul 16 19:26	$\Pi$ $^{\circ}0$			2471 Dec 10 09:33	0° <b>≈</b>	
	2466 Aug 30 03:16	$0$ $\circ$ $\odot$			2472 Jan 17 18:01	0° <b>∀</b>	
asc. node	2466 Sep 04 14:09	3° <b>©</b> 26'50			2472 Feb 24 23:22	$0^{\circ}$ Y	
	2466 Oct 22 01:08	$0^{\circ}\Omega$		evening set	2472 Apr 03 01:06	29° <b>Ƴ</b> 14'31	
retrograde	2466 Dec 16 08:03	15° <b>Ω</b> 25'36			2472 Apr 04 01:13	0°8	
min. Earth dist.	2467 Jan 22 01:49	6° <b>Ω</b> 49'52	0.64469 AU	asc. node	2472 Apr 26 12:06	16° <b>8</b> 44'09	
opposition	2467 Jan 25 11:42	5° <b>Ω</b> 27'59	4°26'30		2472 May 14 17:08	$\Pi^{\circ}0$	
greatest brilliancy	2467 Jan 24 22:11	5° <b>Ω</b> 41'32	-1.4m		,		
<i>8</i>	2467 Feb 09 10:12	30° <b>ℝ</b>		conjunction	2472 Jun 03 12:08	14° <b>Ⅱ</b> 05'44	0°23'40
direct	2467 Mar 05 13:16	26°9514'32		minimum elong	2472 Jun 03 10:45	14° <b>Ⅱ</b> 03'17	
	2467 Mar 31 22:16	0°Ω		mmmum viong	2472 Jun 26 09:33	0°95	0 25 55
	2467 Jun 09 23:22	0° m)		max. Earth dist.	2472 Jul 07 15:26	7° <b>9</b> 39'53	2.54825 AU
	2467 Aug 01 10:01	0∘ <b>⊽</b>		morning rise	2472 Jul 28 09:53	21° <b>©</b> 34'43	2.3 1023 110
	2467 Sep 17 19:56	o° <b>m</b>		morning rise	2472 Aug 10 04:40	0°Ω	
desc. node	2467 Sep 21 06:06	2°M15'35			2472 Sep 26 00:38	0° <b>m</b> )	
desc. flode	2467 Oct 31 20:11	2 110,13 33 0° <b>√</b> 1			2472 Sep 20 00:38 2472 Nov 14 01:56	0∘ <b>ت</b> الأرا	
evening set	2467 Nov 23 11:38	16° <b>∡</b> 12'58			2472 Nov 14 01:30 2473 Jan 06 04:15	0 <b>==</b> 0° <b>M</b> ₊	
Č			2.42048 AU		2473 Mar 24 20:51	0° <b>⊼</b> ¹	
max. Earth dist.	2467 Dec 10 13:03 2467 Dec 12 04:55		2.42048 AU	4 1 -			
	2467 Dec 12 04:55	0°₹		retrograde	2473 Apr 06 16:44	0° <b>∡</b> 757′02	
	2460 I 10 10 26	200702145	0050144	-,-	2473 Apr 19 00:59	30°RM 220m 12122	0000101
conjunction	2468 Jan 19 10:36	29°る03'45		opposition	2473 May 13 01:50	23°M12'22	0°00'01
minimum elong	2468 Jan 19 08:52	29° <b>る</b> 00'23	0°59'44	greatest brilliancy	2474 Jun 16 20:11	6°9521'45	1.6m
	2468 Jan 20 15:41	0° <b>≈</b>		desc. node	2473 May 13 02:00	23°M12'13	
	2468 Feb 27 23:56	0° <b>)</b> {		min. Earth dist.	2473 May 20 18:50	20°M23'31	0.55010 AU
morning rise	2468 Mar 26 01:35	21° <b>)</b> 19'38		direct	2473 Jun 21 23:45	13° <b>™</b> 49'40 −	
	2468 Apr 06 02:44	0° <b>Υ</b>			2473 Aug 16 09:23	0° <b>∡</b>	
	2468 May 14 21:17	0°B			2473 Oct 05 06:01	0°る	
	2468 Jun 24 04:12	$\Pi$ °0			2473 Nov 16 04:07	0° <b>≈</b>	
asc. node	2468 Jul 22 14:01	20° <b>Ⅱ</b> 11'50			2473 Dec 25 15:36	0° <b>∀</b>	
	2468 Aug 05 20:26	0ა <b>ௐ</b>			2474 Feb 02 17:22	0° <b>Υ</b>	
	2468 Sep 21 02:40	$0$ ° $\Omega$		asc. node	2474 Mar 14 11:14	29° <b>Y</b> 53'56	
	2468 Nov 13 17:55	0° <b>m</b> y			2474 Mar 14 14:31	$0^{\circ}S$	
retrograde	2469 Jan 18 19:48	19° <b>m</b> 33'35			2474 Apr 25 01:09	$\Pi$ $^{\circ}0$	
opposition	2469 Feb 27 23:01	9° <b>m</b> 54'43	4°20'58	evening set	2474 May 30 00:08	24° <b>Ⅱ</b> 17'35	
greatest brilliancy	2469 Feb 28 00:14	9° <b>™</b> 53'31	-1.3m		2474 Jun 07 09:40	$0$ $\circ$ $\odot$	
min. Earth dist.	2469 Feb 28 10:30	9° <b>™</b> 43'18	0.67822 AU				
direct	2469 Apr 09 22:39	0°Mp03'16		conjunction	2474 Jul 20 19:35	28° <b>©</b> 50'55	1°01'58
	2469 Jul 07 00:57	0∘ <b>⊽</b>		minimum elong	2474 Jul 20 18:28	28° <b>5</b> 49'06	1°01'59
desc. node	2469 Aug 08 05:00	18° <b>≏</b> 20'05			2474 Jul 22 13:54	$0^{\circ}\Omega$	
	2469 Aug 27 02:14	$0^{\circ}$ M.		max. Earth dist.	2474 Aug 05 03:12	8° <b>Ω</b> 48'19	2.63880 AU
	2469 Oct 11 02:53	0° <b>∡</b> ¹		morning rise	2474 Sep 06 08:47	29° <b>Q</b> 29'08	
	2469 Nov 21 15:23	ರ°ರ			2474 Sep 07 04:10	0° m)	
	2469 Dec 30 22:39	0°≈			2474 Oct 24 16:51	0∘ <b>⊽</b>	
evening set	2470 Jan 22 13:11	17° <b>≈</b> 43'00			2474 Dec 12 00:22	$0^{\circ}$ M	
-	2470 Feb 07 02:20	0° <b>∀</b>			2475 Jan 30 19:33	0° <b>∡</b> ″	
	2470 Mar 17 02:33	0° <b>Υ</b>			2475 Mar 26 07:29	გ∘0	
				desc. node	2475 Mar 31 01:44	2° <b>ප්</b> 20'31	

		_					
retrograde	2475 Jun 06 10:08	22° <b>る</b> 28'09			2480 Jul 11 08:03	0° <b>m</b> ∕	
opposition	2475 Jul 08 08:33	16° <b>පි</b> 43'51			2480 Aug 28 13:00	0∘ <b>ত</b>	
greatest brilliancy	2475 Jul 09 14:35	16° <b>පි</b> 21'00		evening set	2480 Sep 23 19:49	16° <b>≙</b> 54'56	
min. Earth dist.	2475 Jul 15 15:04	14° <b>る</b> 32'05	0.41952 AU		2480 Oct 13 16:33	0°M	
direct	2475 Aug 11 14:35	9° <b>ප</b> 56'16		max. Earth dist.	2480 Oct 14 15:34	0°ML38′19	2.58781 AU
	2475 Oct 10 21:24	0° <b>≈</b>					
	2475 Nov 27 00:27	0° <b>∀</b>		conjunction	2480 Nov 09 16:28	18°M 14'03	0°06'01
	2476 Jan 08 15:24	0° <b>Υ</b>		minimum elong	2480 Nov 09 16:43	18°M14'27	0°06'00
asc. node	2476 Jan 30 10:00	15° <b>Y</b> 30′04		behind sun begin	2480 Nov 08 21:50	17°M42'08	
	2476 Feb 19 21:57	0° <b>X</b>		behind sun end	2480 Nov 10 11:35	18°M46'48	
	2476 Apr 03 04:08	0° <b>I</b>		desc. node	2480 Nov 19 22:28	25° <b>M</b> .17'58 0° <b>∡</b> 7	
	2476 May 17 21:29	0° <b>U</b>			2480 Nov 26 16:35	0° <b>×</b> ° 22° <b>×</b> <sup>7</sup> 40'38	
avanina aat	2476 Jul 02 23:32 2476 Jul 11 16:34	5° <b>Ω</b> 35'39		morning rise	2480 Dec 28 14:11 2481 Jan 07 15:57	22 <b>x</b> ·40 38	
evening set	2476 Aug 18 22:13	0° <b>m</b> )			2481 Jan 07 13.37 2481 Feb 16 23:38	0°≈	
	2470 Aug 16 22.13	V III			2481 Mar 28 04:53	0 <b>≈</b> 0° <b>∺</b>	
conjunction	2476 Aug 27 13:51	5° <b>m</b> 30'17	1°07'21		2481 May 06 01:44	0° <b>Υ</b>	
minimum elong	2476 Aug 27 14:17	5° m 30'59	1°07'21		2481 Jun 14 13:41	0°8	
max. Earth dist.	2476 Aug 27 17:38	~			2481 Jul 26 01:23	0°II	
max. Latur dist.	2476 Oct 05 00:57	0∘ <b>ʊ</b>	2.07300 AC		2481 Sep 10 04:57	0°©	
morning rise	2476 Oct 11 03:17	ა <b>_</b> 3° <b>ჲ</b> 53'44		asc. node	2481 Sep 21 08:03	6°925'25	
	2476 Nov 20 18:03	0°M		use. noue	2481 Nov 19 10:37	0° <b>Ω</b>	
	2477 Jan 05 19:46	0° <b>∡</b> 7		retrograde	2481 Dec 02 06:34	1° <b>Ω</b> 04'19	
desc. node	2477 Feb 15 01:37	26° <b>х</b> 30′53			2481 Dec 14 15:14	30°Rூ	
	2477 Feb 20 08:05	0°ಕ		min. Earth dist.	2482 Jan 06 03:40	23° <b>©</b> 05'52	0.61368 AU
	2477 Apr 06 17:10	0° <b>≈</b>		greatest brilliancy	2482 Jan 10 07:44	21° <b>©</b> 26'30	-1.6m
	2477 May 23 06:36	0° <b>∀</b>		opposition	2482 Jan 11 01:34	21°508'46	4°03'40
	2477 Jul 17 07:56	0°Υ		direct	2482 Feb 18 00:02	12°©18'34	
retrograde	2477 Aug 24 23:22	9° <b>Y</b> ′00′28			2482 Apr 22 17:27	$0^{\circ}\Omega$	
min. Earth dist.	2477 Sep 20 22:21	4° <b>Υ</b> 34'00	0.38147 AU		2482 Jun 19 15:16	0° <b>m</b>	
opposition	2477 Sep 25 11:50	3° <b>Ƴ</b> 17'19	-5°07'34		2482 Aug 09 04:52	0∘ <b>ত</b>	
greatest brilliancy	2477 Sep 24 20:40	3° <b>Ƴ</b> 27'58	-2.9m		2482 Sep 25 01:24	$0^{\circ}$ M.	
	2477 Oct 08 10:37	30° <b>₹</b> ₩		desc. node	2482 Oct 07 21:22	8°M34'26	
direct	2477 Oct 25 02:16	28° <b>¥</b> 12'31		evening set	2482 Nov 04 12:30	27°M34'28	
	2477 Nov 10 22:22	$0$ ° $\mathbf{\Upsilon}$			2482 Nov 07 23:21	0° <b>∡</b> ¹	
asc. node	2477 Dec 17 08:13	13° <b>Y</b> 05'44		max. Earth dist.	2482 Nov 18 17:41		2.47191 AU
	2478 Jan 18 08:18	$_{0\circ}$ 8			2482 Dec 19 10:23	0°ಕ	
	2478 Mar 09 09:36	$\Pi^{\circ}0$					
	2478 Apr 26 14:12	0ංම		conjunction	2482 Dec 27 07:28	5° <b>る</b> 52'18	
	2478 Jun 13 15:14	$0$ $\circ$ $\Omega$		minimum elong	2482 Dec 27 05:32	5° <b>る</b> 48'40	0°44'49
_	2478 Jul 31 13:45	0° <b>m</b> )			2483 Jan 28 01:12	0° <b>≈</b>	
evening set	2478 Aug 18 14:10	11° m) 21'23		morning rise	2483 Feb 25 16:00	22°≈14'39	
	2478 Sep 16 21:18	0∘ <b>⊽</b>			2483 Mar 07 13:28	0° <b>)</b> €	
max. Earth dist.	2478 Sep 20 02:57	2°2204'32	2.65830 AU		2483 Apr 14 19:14	0° <b>Υ</b>	
. ,.	2470 0 4 02 22 52	100 0 20150	0046157		2483 May 23 15:55	8°0	
conjunction	2478 Oct 02 22:52	10° <b>£</b> 20′50		1-	2483 Jul 03 01:38	0°Ⅱ 20°Ⅱ	
minimum elong	2478 Oct 02 23:59	10° <b>≏</b> 22'38 0° <b>™</b>	0°40'33	asc. node	2483 Aug 09 06:10	26°∏04'19 0°©	
morning rise	2478 Nov 02 00:23 2478 Nov 16 16:57	9°M45'34			2483 Aug 15 02:09 2483 Oct 01 14:53	0° <b>U</b>	
morning risc	2478 Dec 16 15:20	9 11 <b>0</b> 43 34			2483 Dec 02 02:21	0° <b>m</b>	
desc. node	2479 Jan 02 23:56	11° <b>×</b> 757'56		retrograde	2484 Jan 06 12:44	6° Mp 47'52	
dese. Hode	2479 Jan 28 17:05	0°ਰ		retrograde	2484 Feb 08 02:44	30°R <b>Ω</b>	
	2479 Mar 11 10:16	0° <b>≈</b>		opposition	2484 Feb 15 19:09	26° <b>Ω</b> 58'44	4°32'45
	2479 Apr 21 04:27	0° <b>₩</b>		min. Earth dist.	2484 Feb 14 18:06		0.67285 AU
	2479 May 31 19:10	0° <b>Υ</b>		greatest brilliancy	2484 Feb 15 14:31	27° <b>Ω</b> 03'22	
	2479 Jul 12 22:50	0°8		direct	2484 Mar 27 04:13	17° <b>Ω</b> 19'01	1.5111
	2479 Aug 30 19:26	0°II			2484 May 18 14:36	0° m/y	
retrograde	2479 Oct 22 16:41	16° <b>Ⅱ</b> 02'21			2484 Jul 17 02:38	0∘ <b>ಹ</b>	
asc. node	2479 Nov 04 08:06	14° <b>Ⅲ</b> 51'44		desc. node	2484 Aug 24 20:18	23° <b>£</b> 22'27	
min. Earth dist.	2479 Nov 21 03:37	10° <b>Ⅱ</b> 03′24	0.49717 AU		2484 Sep 04 05:10	0° <b>M</b> ₊	
opposition	2479 Nov 29 04:50	7° <b>Ⅱ</b> 05'42	1°18'34		2484 Oct 18 17:20	0° <b>∡</b> ¹	
greatest brilliancy	2479 Nov 28 18:24	7° <b>Ⅱ</b> 15'19	-2.2m		2484 Nov 29 03:10	8°0	
Ž	2479 Dec 27 15:25	30° <b>₹</b> 8		evening set	2484 Dec 27 09:30	21° <b>る</b> 26'27	
direct	2480 Jan 02 06:08	29° <b>8</b> 47'30			2485 Jan 07 11:03	0° <b>≈</b>	
	2480 Jan 07 23:29	$\Pi^{\circ}0$			2485 Feb 14 15:42	0° <b>∀</b>	
	2480 Mar 29 09:07	0ංම					
	2480 May 22 01:54	$0$ $^{\circ}$ $\Omega$		conjunction	2485 Mar 02 05:51	12° <b>升</b> 19'44	-1°01'02

minimum elong	2485 Mar 02 07:57	12° <b>)</b> €23'53	1°01'02		2489 Nov 01 00:35	0° <b>⊽</b>	
P 4 F	2485 Mar 24 15:53	0° <b>Υ</b>	2 25104 477		2489 Dec 20 13:09	0°M	
max. Earth dist.	2485 Mar 25 14:42	0°1/44'46 0°8	2.37194 AU	desc. node	2490 Feb 11 18:30	0°⊀ 26°⊀46'03	
morning rise	2485 May 02 09:16 2485 May 12 04:17	7° <b>8</b> 25'39		retrograde	2490 Apr 16 17:10 2490 May 10 16:12	20 x 40 03 29° x 55'49	
morning risc	2485 Jun 11 14:55	0°Ⅱ		opposition	2490 Jun 13 11:24	23°× 18'53	-2°53'25
asc. node	2485 Jun 26 05:08	10° <b>∏</b> 31'04		greatest brilliancy	2490 Jun 14 08:15	23°×10'35	
	2485 Jul 24 00:53	0°95		min. Earth dist.	2490 Jun 21 21:38	20° <b>₹</b> 29'53	0.47015 AU
	2485 Sep 07 06:31	$0^{\circ}\Omega$		direct	2490 Jul 20 14:45	15° <b>∡</b> 11'52	
	2485 Oct 26 15:18	0° <b>m</b>			2490 Sep 09 12:40	5°0	
	2485 Dec 26 04:12	0∘ <b>⊽</b>			2490 Oct 28 14:47	0° <b>≈</b>	
retrograde	2486 Feb 09 06:44	9° <b>Ω</b> 59'44			2490 Dec 09 12:43	0° <b>∀</b>	
opposition	2486 Mar 20 20:16	0° <b>Ω</b> 43'49			2491 Jan 19 00:25	0°Υ	
greatest brilliancy	2486 Mar 21 04:59	0° <b>£</b> 35'15	-1.3m	asc. node	2491 Feb 16 01:30	20° <b>Ƴ</b> 37'56	
min. Earth dist.	2486 Mar 22 16:50 2486 Mar 23 16:33	30°R My 29° My 36'43	0.66613 AU		2491 Feb 28 23:12 2491 Apr 12 06:51	0°B 0°B	
direct	2486 May 01 07:41	29 m/3043 20° m/42'23	0.00013 AU		2491 May 26 07:53	0°©	
direct	2486 Jun 13 08:27	20 <b>ार्र</b> न <u>२</u> 23		evening set	2491 Jun 26 18:46	20°5546'11	
desc. node	2486 Jul 12 18:51	13° <b>≏</b> 16'08		evening sec	2491 Jul 10 23:15	0°Ω	
	2486 Aug 11 23:29	0°M					
	2486 Sep 27 19:27	0°⊀		conjunction	2491 Aug 14 02:47	21° <b>Ω</b> 57'51	1°08'40
	2486 Nov 08 21:16	5°0		minimum elong	2491 Aug 14 02:40	21° <b>Ω</b> 57'40	1°08'41
	2486 Dec 18 08:44	0° <b>≈</b>		max. Earth dist.	2491 Aug 19 20:49		2.66786 AU
greatest brilliancy	2487 Jan 22 02:40	27°≈15'11	1.2m		2491 Aug 26 16:58	0° <b>m</b> )	
	2487 Jan 25 14:09	0° <b>)</b> €		morning rise	2491 Sep 28 10:18	20° m/48'42	
. ,	2487 Mar 04 16:18	0°Υ			2491 Oct 12 21:27	0∘ <b>亚</b>	
evening set	2487 Mar 07 21:54 2487 Apr 12 14:05	2° <b>Ƴ</b> 31'35 0° <b>႘</b>			2491 Nov 29 01:29 2492 Jan 15 03:26	0° <b>M</b> 0° <b>⊀</b>	
	2467 Apr 12 14.03	0.0			2492 Jan 13 03:20 2492 Mar 02 14:05	0 × ਨਾ	
conjunction	2487 May 12 17:25	22° <b>8</b> 28'32	-0°00'59	desc. node	2492 Mar 03 16:17	0° <b>る</b> 40'57	
minimum elong	2487 May 12 17:32	22° <b>8</b> 28'43	0°00'59	acse. node	2492 Apr 20 21:04	0° <b>≈</b>	
behind sun begin	2487 May 11 15:18	21° <b>8</b> 40'38			2492 Jun 19 14:59	0° <b>∀</b>	
behind sun end	2487 May 13 19:45	23° <b>8</b> 16'44		retrograde	2492 Jul 24 20:39	7° <b>₩</b> 08'02	
asc. node	2487 May 14 05:08	23° <b>8</b> 33'54		opposition	2492 Aug 23 23:38	2° <b>)</b> 10′14	-6°46'54
	2487 May 23 01:17	0°Ⅲ		greatest brilliancy	2492 Aug 24 07:04	2° <b>∺</b> 05′18	
max. Earth dist.	2487 Jun 24 09:43		2.49960 AU	min. Earth dist.	2492 Aug 24 19:08		0.37322 AU
	2487 Jul 04 13:27	0°©			2492 Sep 01 10:44	30°R≈	
morning rise	2487 Jul 11 05:17	4°533'42		direct	2492 Sep 22 23:20 2492 Oct 13 21:22	27° <b>≈</b> 09'48 0° <b>)</b> €	
	2487 Aug 18 07:39 2487 Oct 04 11:05	0° <b>N</b> 0° <b>m</b>			2492 Oct 13 21:22 2492 Dec 16 03:43	0° <b>Υ</b>	
	2487 Oct 04 11:03 2487 Nov 23 17:50	0∘ <del>ত</del> الله		asc. node	2492 Dec 10 03:43 2493 Jan 03 01:35	11° <b>Υ</b> 01'54	
	2488 Jan 20 21:05	0°M		use. noue	2493 Feb 01 15:39	0°8	
retrograde	2488 Mar 19 14:12	15°M25'28			2493 Mar 19 14:39	0°II	
opposition	2488 Apr 26 04:43	7° <b>M</b> 07'41	1°22'48		2493 May 04 22:45	$0$ $\circ$ $\odot$	
greatest brilliancy	2488 Apr 26 13:26	6°M59'29	-1.7m		2493 Jun 21 00:22	$0$ ° $\Omega$	
min. Earth dist.	2488 May 02 17:28		0.59425 AU	evening set	2493 Aug 04 05:00	27° <b>Ω</b> 56′24	
	2488 May 17 00:14	30°Ŗ <b>Ω</b>			2493 Aug 07 11:11	0° <b>m</b> )	
desc. node	2488 May 29 18:10	27° <b>£</b> 41'50		max. Earth dist.	2493 Sep 10 22:57	21° m 53'35	2.67165 AU
direct	2488 Jun 06 01:16	27° <b>Ω</b> 20'42			2402 0 10 10.52	260 m 55117	0057122
	2488 Jun 27 00:00 2488 Aug 31 15:10	0° <b>M</b> 0° <b>∡</b> 7		conjunction minimum elong	2493 Sep 18 19:53 2493 Sep 18 20:53	26° m 55'17 26° m 56'53	0°57'33 0°57'33
	2488 Oct 15 21:58	% ਨ ਨ		minimum clong	2493 Sep 23 15:18	0° <b>⊽</b>	0 37 33
	2488 Nov 25 13:15	0° <b>≈</b>		morning rise	2493 Nov 02 03:03	o <b>—</b> 25° <b>Ω</b> 32'44	
	2489 Jan 03 09:35	0° <b>)</b> €		3 3	2493 Nov 08 22:13	0°M₊	
	2489 Feb 11 00:16	$0^{\circ}\mathbf{\Upsilon}$			2493 Dec 23 23:44	0° <b>∡</b> ″	
	2489 Mar 22 11:27	0° <b>8</b>		desc. node	2494 Jan 19 15:16	18° <b>₹</b> ′09′23	
asc. node	2489 Mar 31 02:51	6° <b>8</b> 25'34			2494 Feb 05 18:37	0°₹	
_	2489 May 02 12:46	0°II			2494 Mar 20 10:52	0° <b>≈</b>	
evening set	2489 May 09 21:41	5° <b>Ⅱ</b> 14'35			2494 May 01 10:32	0° <b>){</b>	
	2489 Jun 14 13:11	0ං <b>ව</b>			2494 Jun 12 20:08	0° <b>Υ</b>	
conjunction	2489 Jul 03 21:18	13° <b>©</b> 03'16	0°51'28	retrograde	2494 Jul 29 01:12 2494 Oct 02 17:21	0° <b>と</b> 23° <b>と</b> 27'35	
minimum elong	2489 Jul 03 19:41	13°900'34	0°51'27	min. Earth dist.	2494 Oct 30 05:31	18° <b>8</b> 18'37	0.44466 AU
max. Earth dist.	2489 Jul 25 23:11	27°\$40'41	2.60960 AU	opposition	2494 Oct 30 03:31 2494 Nov 07 09:07	15° <b>8</b> 31'59	
	2489 Jul 29 12:11	0°Ω		greatest brilliancy	2494 Nov 07 03:35	15° <b>8</b> 36'42	
morning rise	2489 Aug 22 15:56	15° <b>Ω</b> 40′09		asc. node	2494 Nov 21 00:56	11° <b>8</b> 24'26	
	2489 Sep 14 02:24	0° <b>m</b>		direct	2494 Dec 09 11:59	9° <b>8</b> 05'52	

	2495 Feb 15 02:14	$\Pi$ $\circ 0$			2500 Feb 23 03:52	0° <b>ℋ</b>	
	2495 Apr 11 00:18	0∘ <b>ௐ</b>			2500 Apr 02 05:21	$0$ ° $\Upsilon$	
	2495 May 31 14:17	$0 {\circ} \Omega$		morning rise	2500 Apr 13 12:07	8° <b>Ƴ</b> 49'21	
	2495 Jul 19 16:35	O° Mp			2500 May 10 22:51	$0^{\circ}S$	
	2495 Sep 05 10:48	0∘ <b>⊽</b>			2500 Jun 20 04:25	$\Pi^{\circ}0$	
evening set	2495 Sep 10 03:01	2° <b>£</b> 59'25		asc. node	2500 Jul 13 21:29	16° <b>Ⅲ</b> 58′03	
max. Earth dist.	2495 Oct 05 05:26	19° <b>≙</b> 14'32	2.62148 AU		2500 Aug 01 16:34	$0$ $\circ$ $\odot$	
	2495 Oct 21 13:01	$0^{\circ}$ M.			2500 Sep 16 10:16	$0^{\circ}\Omega$	
					2500 Nov 06 20:46	0° <b>m</b> y	
conjunction	2495 Oct 26 00:02	2°M58'07	0°23'55	retrograde	2501 Jan 27 12:45	27° <b>m</b> ) 16'05	
minimum elong	2495 Oct 26 00:50	2°M59'26	0°23'54	opposition	2501 Mar 08 12:08	17° <b>m</b> )44'31	4°08'46
	2495 Dec 04 17:43	0° <b>∡</b> ¹		greatest brilliancy	2501 Mar 08 16:20	17° <b>m</b> 40'20	-1.3m
desc. node	2495 Dec 07 13:50	1° <b>∡</b> 758'19		min. Earth dist.	2501 Mar 09 19:58	17° <b>m</b> 12'57	0.67685 AU
morning rise	2495 Dec 11 15:59	4° <b>∡</b> ¹49'25		direct	2501 Apr 18 17:15	7° m 48'13	
Č	2496 Jan 16 01:44	8°0			2501 Jun 30 09:10	0∘ <u>⊽</u>	
	2496 Feb 25 19:55	0° <b>≈</b>		desc. node	2501 Jul 30 11:18	16° <b>≏</b> 13'33	
	2496 Apr 05 12:01	0° <b>)</b> €			2501 Aug 22 10:58	0° <b>M</b>	
	2496 May 14 19:31	$_{0}^{\circ}\Upsilon$			2501 Oct 07 00:58	0° <b>∡</b> ¹	
	2496 Jun 23 20:51	0°8			2501 Nov 17 17:56	0°ප	
	2496 Aug 05 12:16	0°П			2501 Dec 27 02:31	0° <b>≈</b>	
	2496 Sep 25 02:18	0°9			2502 Feb 03 06:28	0° <b>)</b> €	
asc. node	2496 Oct 07 23:20	5° <b>©</b> 54'20		evening set	2502 Feb 08 07:59	4° <b>₩</b> 00'25	
retrograde	2496 Nov 17 06:56	15° <b>©</b> 23'23		evening sec	2502 Mar 13 06:37	0°Υ	
min. Earth dist.	2496 Dec 20 03:32	8° <b>©</b> 07'23	0.57386 AU		2302 11141 13 00.37	0 1	
opposition	2496 Dec 26 11:38	5° <b>9</b> 38'46	3°21'27	conjunction	2502 Apr 17 16:13	27° <b>Y</b> °25′27	-0°28'26
greatest brilliancy	2496 Dec 25 16:14	5° <b>©</b> 57'46		minimum elong	2502 Apr 17 18:38	27° <b>Υ</b> '30'03	
greatest orimancy	2497 Jan 11 22:04	30°R∏	-1.0111	minimum ciong	2502 Apr 21 01:22	0° <b>8</b>	0 2024
direct	2497 Feb 01 02:17	27° <b>Ⅱ</b> 17'55		asc. node	2502 Apr 21 01:22 2502 May 31 20:12	0° <b>П</b> 20'14	
direct	2497 Feb 01 02:17 2497 Feb 22 19:40	0° <b>9</b>		asc. Houc	2502 May 31 20:12 2502 May 31 09:03	0°Ⅱ 0°Ⅱ	
		0°Ω		max. Earth dist.	2502 Jun 07 00:49	0 H 4°H49'04	2.44615 AU
	2497 May 05 16:30	0°Mp				4 <b>П</b> 4904 15° <b>П</b> 11'45	2.44013 AU
	2497 Jun 28 05:49	0∘ <b>ʊ</b> 0 ılıı		morning rise	2502 Jun 21 13:38	15 <b>ட</b> 11 45	
	2497 Aug 16 14:49				2502 Jul 12 18:33	0° <b>U</b>	
. ,	2497 Oct 02 02:43	0°M			2502 Aug 26 14:12		
evening set	2497 Oct 18 08:47	10°M54'28			2502 Oct 13 06:12	0° my	
desc. node	2497 Oct 24 12:34	15°M06'03	2.521/2.411		2502 Dec 04 13:21	0∘ <b>亚</b>	
max. Earth dist.	2497 Nov 03 02:02	21°M40'41	2.52163 AU	. 1	2503 Feb 18 17:28	0°M	
	2497 Nov 15 00:31	0° <b>∡</b> 7		retrograde	2503 Mar 05 08:50	1°M13'59	
					2503 Mar 19 08:49	30° <b>₹</b> Ω	
conjunction	2497 Dec 07 03:02	15° 🖈 44'42		opposition	2503 Apr 12 21:58	22° <b>Ω</b> 29'44	2°27'04
minimum elong	2497 Dec 07 01:54	15° <b>₹</b> '42'38	0°25′29	greatest brilliancy	2503 Apr 13 09:24	22° <b>△</b> 18'43	-1.5m
	2497 Dec 26 15:38	0°ਰ •••ਰ		min. Earth dist.	2503 Apr 18 01:21	20° <b>₽</b> 30'58	0.63001 AU
morning rise	2498 Jan 30 20:35	26° <b>පි</b> 26'49		direct	2503 May 24 06:31	12° <b>₽</b> 30'58	
	2498 Feb 04 12:09	0° <b>≈</b>		desc. node	2503 Jun 17 09:16	15° <b>≏</b> 52'19	
	2498 Mar 15 06:01	0° <b>)</b> €			2503 Jul 23 20:31	0° <b>™</b>	
	2498 Apr 22 16:10	0° <b>Υ</b>			2503 Sep 13 18:40	0° <b>∡</b> ¹	
	2498 May 31 16:24	0° <b>8</b>			2503 Oct 27 05:11	0°ප	
	2498 Jul 11 07:29	0°II			2503 Dec 06 04:56	0° <b>≈</b>	
	2498 Aug 23 22:57	0.20			2504 Jan 13 16:56	0° <b>)</b> €	
asc. node	2498 Aug 25 23:04	1° <b>©</b> 18'25			2504 Feb 21 00:39	0° <b>Υ</b>	
	2498 Oct 12 22:34	0°N		4	2504 Mar 31 04:36	0°8	
retrograde	2498 Dec 24 03:46	23° <b>Ω</b> 40′26	0.65744.433	asc. node	2504 Apr 17 20:13	13° <b>8</b> 09'45	
min. Earth dist.	2499 Jan 30 19:46	_	0.65744 AU	evening set	2504 Apr 18 03:24	13° <b>8</b> 23'01	
opposition	2499 Feb 02 09:16	13° <b>Ω</b> 44'33			2504 May 10 22:33	$\Pi$ $\circ$ 0	
greatest brilliancy	2499 Feb 01 22:45	13° <b>Ω</b> 55'05	-1.4m				
direct	2499 Mar 13 23:01	4° <b>Ω</b> 20'27		conjunction	2504 Jun 16 03:49	25° <b>Ⅲ</b> 30'57	
	2499 Jun 02 17:02	0° mp		minimum elong	2504 Jun 16 02:06		0°35'26
	2499 Jul 26 22:46	0∘ <b>⊽</b>			2504 Jun 22 16:19	0°©	
desc. node	2499 Sep 11 12:13	29° <b>£</b> 05'36		max. Earth dist.	2504 Jul 15 18:24		2.57201 AU
	2499 Sep 12 21:30	0°M.			2504 Aug 06 11:31	0° <b>N</b>	
	2499 Oct 27 01:59	0° ⊀ <b>7</b>		morning rise	2504 Aug 07 23:40	0° <b>Ω</b> 59'11	
evening set	2499 Dec 05 07:32	28° <b>₹</b> 23'47			2504 Sep 22 03:48	0° <b>m</b> )	
	2499 Dec 07 11:14	0°궁			2504 Nov 09 16:32	0∘ <b>⊽</b>	
max. Earth dist.	2499 Dec 29 07:50	16° <b>る</b> 29'40	2.39368 AU		2504 Dec 31 02:11	0° <b>M</b> ₊	
	2500 Jan 15 20:59	0° <b>≈</b>			2505 Mar 01 23:53	0° <b>∡</b> 7	
				retrograde	2505 Apr 19 02:23	11° <b>⋌</b> *01'42	
conjunction	2500 Feb 03 01:51	14°≈11'49		desc. node	2505 May 04 08:13	9° <b>⋌</b> ¹33'53	
minimum elong	2500 Feb 03 01:05	14° <b>≈</b> 10′20	1°04'11	opposition	2505 May 24 15:05	3° <b>⋌</b> ¹38'54	-0°57'08

greatest brilliancy	2505 May 24 21:59	3° <b>∡</b> 32'45	-2.0m	evening set	2510 Aug 27 18:15	19° <b>m</b> 28'13	
min. Earth dist.	2505 Jun 01 19:09	0° <b>≯</b> 44'08	0.52263 AU		2510 Sep 13 06:53	0∘ <b>⊽</b>	
	2505 Jun 03 22:34	30°RM₊		max. Earth dist.	2510 Sep 26 12:44	8° <b>ჲ</b> 30'49	2.64733 AU
direct	2505 Jul 02 18:07	24°M36'54					
	2505 Aug 01 09:31	0° <b>⊼</b>		conjunction	2510 Oct 12 04:22	18° <b>Ω</b> 40'43	0°39'19
	2505 Sep 28 10:07	0° <b>ට</b>		minimum elong	2510 Oct 12 05:26	18° <b>Ω</b> 42'27	0°39'18
	2505 Nov 10 17:46 2505 Dec 20 19:38	0° <b>₩</b>		morning rise	2510 Oct 29 09:39 2510 Nov 26 10:35	0° <b>ጤ</b> 18° <b>ጤ</b> 47'03	
	2506 Jan 29 06:17	0° <b>Υ</b>		morning risc	2510 Nov 20 10:35 2510 Dec 12 20:40	0° <b>√</b>	
asc. node	2506 Mar 05 19:01	26° <b>Υ</b> 35'18		desc. node	2510 Dec 25 05:34	8° <b>х</b> 33′25	
	2506 Mar 10 10:13	0°8			2511 Jan 24 15:38	0°8	
	2506 Apr 21 02:33	$\Pi^{\circ}0$			2511 Mar 06 23:32	0° <b>≈</b>	
	2506 Jun 03 15:19	$0$ $\circ$ $\odot$			2511 Apr 16 06:50	0° <b>∀</b>	
evening set	2506 Jun 10 12:33	4° <b>5</b> 37'49			2511 May 26 07:18	$0^{\circ}$ Y	
	2506 Jul 18 22:18	$0$ ° $\Omega$			2511 Jul 06 09:38	0°8	
		0			2511 Aug 20 15:52	0°П	
conjunction	2506 Jul 30 22:00	7° <b>Ω</b> 47'03		asc. node	2511 Oct 26 16:20	27° <b>Ⅱ</b> 19'37	
minimum elong	2506 Jul 30 21:15	7° <b>Ω</b> 45'50		retrograde	2511 Nov 02 21:13	27° <b>П</b> 41'36 21° <b>П</b> 14'00	0.52610 AII
max. Earth dist.	2506 Aug 11 17:29 2506 Sep 03 12:41	15° <b>Ω</b> 24'11 0° <b>m</b>	2.65133 AU	min. Earth dist. greatest brilliancy	2511 Dec 03 13:21 2511 Dec 10 10:51	21° <b>П</b> 14'00 18° <b>П</b> 37'36	
morning rise	2506 Sep 15 12:27	7°Mo 37'41		opposition	2511 Dec 10 10:31 2511 Dec 11 02:48	18° <b>Ⅲ</b> 22′28	2°13'03
morning rise	2506 Oct 20 21:19	0° <b>ഫ</b>		direct	2512 Jan 15 04:03	10° <b>Д</b> 39'13	2 13 03
	2506 Dec 07 17:02	0°M			2512 Mar 21 03:50	0.ಪ _	
	2507 Jan 25 06:55	0°⊀			2512 May 17 00:23	$0$ $^{\circ}\Omega$	
	2507 Mar 17 03:56	5°0			2512 Jul 07 05:10	0° <b>™</b>	
desc. node	2507 Mar 22 07:47	2° <b>る</b> 52'58			2512 Aug 24 19:07	0∘ <b>⊽</b>	
	2507 May 17 23:20	0° <b>≈</b>		evening set	2512 Oct 03 10:47	25° <b>△</b> 36'32	
retrograde	2507 Jun 24 12:25	7°≈31'19	600 614 <b>0</b>	P. 4. F.	2512 Oct 10 01:52	0°M	0.56601.444
opposition	2507 Jul 25 08:19	2°≈14'08		max. Earth dist.	2512 Oct 22 04:47	8°M06'58	2.56621 AU
greatest brilliancy min. Earth dist.	2507 Jul 26 12:55 2507 Jul 31 01:51	1°≈53'50 0°≈36'50	-2.8m 0.39648 AU	desc. node	2512 Nov 11 04:54	21°M45'40	
min. Earth dist.	2507 Aug 02 07:31	0 ≈3030 30°Ŗる	0.39048 AU	conjunction	2512 Nov 20 03:02	27°M57'05	-0°05'17
direct	2507 Aug 26 20:24	26° <b>ප</b> 13'59		minimum elong	2512 Nov 20 03:02 2512 Nov 20 02:48	27°M56'40	
	2507 Sep 19 19:33	0° <b>≈</b>		behind sun begin	2512 Nov 19 07:06	27°M22'21	
	2507 Nov 18 06:31	0° <b>)</b>		behind sun end	2512 Nov 20 22:30	28°M31'01	
	2508 Jan 02 07:22	$0$ ° $\Upsilon$			2512 Nov 23 01:26	0° <b>∡</b> ¹	
asc. node	2508 Jan 21 17:10	13° <b>Y</b> 24'00			2513 Jan 03 22:08	ರ∘ರ	
	2508 Feb 14 17:21	$9^{\circ}$ 8		morning rise	2513 Jan 09 17:40	4° <b>る</b> 16'34	
	2508 Mar 29 16:20	0°Щ			2513 Feb 13 01:37	0° <b>≈</b>	
	2508 May 13 20:22	0° <b>©</b>			2513 Mar 24 02:19	0° <b>)</b> €	
	2508 Jun 29 05:17	0° <b>Ω</b>			2513 May 01 18:24	0°Υ 	
evening set	2508 Jul 21 10:04 2508 Aug 15 07:22	14° <b>Ω</b> 10′27 0° <b>m</b>			2513 Jun 10 00:25 2513 Jul 21 01:29	0°B 0°B	
max. Earth dist.	2508 Sep 02 22:07		2.67661 AU		2513 Sep 03 21:25	0°©	
max. Earth dist.	2300 Sep 02 22.07	ו כלו אויי	2.07001110	asc. node	2513 Sep	5°\$20'32	
conjunction	2508 Sep 05 17:33	13° <b>m</b> 37'09	1°04'47		2513 Oct 29 22:58	$0^{\circ}\Omega$	
minimum elong	2508 Sep 05 18:15	13° <b>m</b> 38'16	1°04'47	retrograde	2513 Dec 11 10:55	9° <b>Ω</b> 53'41	
	2508 Oct 01 10:00	0∘ <b>ত</b>		min. Earth dist.	2514 Jan 16 09:18	1° <b>Ω</b> 33'31	0.63212 AU
morning rise	2508 Oct 20 01:49	11° <b>≏</b> 58′02		opposition	2514 Jan 20 10:54	29° <b>©</b> 56'03	4°19'10
	2508 Nov 16 22:56	0° <b>™</b>		greatest brilliancy	2514 Jan 19 19:13	0° <b>Ω</b> 11'43	-1.5m
	2509 Jan 01 14:48	0° <b>₹</b>		1.	2514 Jan 20 06:56	30°₹©	
desc. node	2509 Feb 06 06:30	23°♂50'14 0°る		direct	2514 Feb 28 00:32	20° <b>©</b> 52'12 0° <b>Ω</b>	
	2509 Feb 15 09:49 2509 Mar 31 13:42	0°≈			2514 Apr 12 05:11 2514 Jun 14 09:40	0°Mp	
	2509 May 14 19:26	0 <b>∞</b> 0° <b>∀</b>			2514 Aug 05 00:45	0∘ <del>ত</del> بابا	
	2509 Jun 30 17:10	0° <b>Υ</b>			2514 Sep 21 06:11	0°M	
retrograde	2509 Sep 10 04:59	26° <b>Y</b> 27'10		desc. node	2514 Sep 29 03:33	5° <b>™</b> 14'02	
min. Earth dist.	2509 Oct 06 17:48	21° <b>Y</b> 54'55	0.39881 AU		2514 Nov 04 06:50	0° <b>∡</b> ″	
opposition	2509 Oct 13 05:40	19° <b>Ƴ</b> 57'09		evening set	2514 Nov 15 23:45	8° <b>∡</b> 18'10	
greatest brilliancy	2509 Oct 12 12:41		-2.8m	max. Earth dist.	2514 Nov 30 22:39	19° <b>∡</b> 06′20	2.44350 AU
direct	2509 Nov 12 14:59	14° <b>Y</b> 27′21			2514 Dec 15 17:49	0°ප	
asc. node	2509 Dec 08 17:03	18° <b>Ƴ</b> 34'21			0.00	100-7	00500
	2510 Jan 06 19:26	0° <b>Β</b>		conjunction	2515 Jan 09 22:24	18° <b>ろ</b> 58'23	
	2510 Mar 03 00:16 2510 Apr 21 18:40	0°© ∏		minimum elong	2515 Jan 09 20:23 2515 Jan 24 07:08	18°る54'32 0°≈	U-24.10
	2510 Apr 21 18:40 2510 Jun 09 12:58	0ა <b>V</b> ი.გ			2515 Jan 24 07:08 2515 Mar 03 17:31	0° <b>∺</b>	
	2510 Jul 27 19:56	0°Mp		morning rise	2515 Mar 14 19:42	8° <b>)</b> 43′43	
	2.2.2.2. 2, 17.00	~ '' <b>x</b>				- , , , , , , ,	

	2515 Apr 10 21:20	$0^{\circ}\mathbf{\Upsilon}$		greatest brilliancy	2520 May 06 18:42	16° <b>M</b> 28'11	-1 8m
	2515 May 19 15:51	%8 0°8		min. Earth dist.	2520 May 13 19:03	13°M51'52	0.57089 AU
	2515 Jun 28 22:32	0°II		desc. node	2520 May 20 23:20	11°M22'35	0.37007710
asc. node	2515 Jul 31 13:54	23° <b>I</b> 106'46		direct	2520 Jun 15 23:29	6°M56'47	
use. Houe	2515 Aug 10 15:48	0°9		ancet	2520 Aug 24 00:43	0°×7	
	2515 Nag 16 15:16 2515 Sep 26 06:22	$0^{\circ}\Omega$			2520 Oct 10 12:09	°5	
	2515 Nov 20 21:49	0° <b>m</b> )			2520 Nov 20 19:38	0° <b>≈</b>	
retrograde	2516 Jan 15 04:20	14° <b>m</b> ) 37'52			2520 Dec 29 23:52	0° <b>)</b> €	
opposition	2516 Feb 24 09:13	4° m 54'00	4°27'12		2521 Feb 06 19:49	0°Υ	
greatest brilliancy	2516 Feb 24 07:55	4° m 55'18	-1.3m		2521 Mar 18 11:08	0°8	
min. Earth dist.	2516 Feb 24 04:42	4° m 58'30	0.67712 AU	asc. node	2521 Mar 22 10:56	2° <b>8</b> 57'47	
	2516 Mar 08 07:52	30°R <b>Ω</b>			2521 Apr 28 16:12	0° <b>I</b> I	
direct	2516 Apr 05 02:30	25° <b>Ω</b> 07'10		evening set	2521 May 22 14:16	16° <b>Ⅱ</b> 48'12	
	2516 May 05 14:48	0° m		Č	2521 Jun 10 19:35	0°©	
	2516 Jul 11 16:41	0∘ <u>⊽</u>					
desc. node	2516 Aug 16 02:08	20° <b>£</b> 42'06		conjunction	2521 Jul 14 17:17	22° <b>©</b> 41'35	0°58'11
	2516 Aug 30 22:14	0°M		minimum elong	2521 Jul 14 15:56	22°539'21	0°58'10
	2516 Oct 14 18:51	0° <b>∡</b> ¹		Č	2521 Jul 25 20:20	$0^{\circ}\Omega$	
	2516 Nov 25 07:28	5°0		max. Earth dist.	2521 Aug 01 22:52	4° <b>Ω</b> 38'10	2.62677 AU
	2517 Jan 03 15:44	0° <b>≈</b>		morning rise	2521 Sep 01 04:15	24° <b>Ω</b> 07'16	
evening set	2517 Jan 11 18:30	6°≈19'31		. 8	2521 Sep 10 09:31	0° m)	
Č	2517 Feb 10 20:11	0° <b>)</b> €			2521 Oct 28 01:26	0∘ <u>⊽</u>	
					2521 Dec 15 19:43	0°M	
conjunction	2517 Mar 19 19:24	29° <b>₩</b> 11'26	-0°52'26		2522 Feb 04 19:09	0° <b>∡</b> 7	
minimum elong	2517 Mar 19 22:36	29° <b>)</b> 17'44	0°52'25		2522 Apr 04 22:11	0°ರ	
· ·	2517 Mar 20 20:08	$0^{\circ}\Upsilon$		desc. node	2522 Apr 07 22:45	1°る14'50	
	2517 Apr 28 13:21	0°8		retrograde	2522 May 26 03:57	12° <b>る</b> 36'39	
max. Earth dist.	2517 May 07 04:26		2.39310 AU	opposition	2522 Jun 27 23:16	6° <b>る</b> 28'28	-4°07'08
morning rise	2517 May 28 10:09	22° <b>8</b> 24'34		greatest brilliancy	2522 Jun 29 02:43	6° <b>る</b> 06'33	-2.5m
C	2517 Jun 07 18:45	$\mathfrak{I}^{\circ}$		min. Earth dist.	2522 Jul 06 00:03	3° <b>る</b> 55'40	0.44132 AU
asc. node	2517 Jun 17 13:46	7° <b>Ⅱ</b> 05'13			2522 Jul 22 00:11	30°₽ <b>✓</b>	
	2517 Jul 20 03:01	0ංම		direct	2522 Aug 02 13:59	29° <b>₹</b> 03'11	
	2517 Sep 03 02:39	$0^{\circ}\Omega$			2522 Aug 14 08:05	0°ठ	
	2517 Oct 21 15:04	0° <b>m</b> )			2522 Oct 20 03:55	0° <b>≈</b>	
	2517 Dec 16 16:00	0∘ <u>⊽</u>			2522 Dec 03 06:39	0° <b>)</b> €	
retrograde	2518 Feb 18 10:26	17° <b>£</b> 53'15			2523 Jan 13 18:25	$_0$ ° $\boldsymbol{\gamma}$	
opposition	2518 Mar 29 16:29	8° <b>£</b> 47'28	3°16'19	asc. node	2523 Feb 07 10:07	17° <b>Y</b> 51'53	
greatest brilliancy	2518 Mar 30 02:52	8° <b>≏</b> 37'19	-1.4m		2523 Feb 24 08:04	0°8	
min. Earth dist.	2518 Apr 02 08:49	7° <b>≏</b> 21'11	0.65606 AU		2523 Apr 08 02:15	0° <b>I</b> I	
	2518 Apr 26 06:31	30°R, Mp			2523 May 22 10:39	0ಂತಾ	
direct	2518 May 10 04:34	28° m/45'03		evening set	2523 Jul 06 23:52	29°5548'42	
	2518 May 24 17:06	0∘ <u>⊽</u>		Č	2523 Jul 07 06:52	$0^{\circ}\Omega$	
desc. node	2518 Jul 04 00:52	13° <b>ഫ</b> 05'12					
	2518 Aug 06 02:14	0°M		conjunction	2523 Aug 23 10:55	0° m 13'10	1°08'22
	2518 Sep 23 05:16	0° <b>≯</b> 7		minimum elong	2523 Aug 23 11:08	0° m 13'31	1°08'23
	2518 Nov 04 16:59	ರ°0		Č	2523 Aug 23 02:39	0° <b>m</b> )	
	2518 Dec 14 08:07	0° <b>≈</b>		max. Earth dist.	2523 Aug 26 02:46	1° m 54'50	2.67330 AU
	2519 Jan 21 15:19	0° <b>∀</b>		morning rise	2523 Oct 07 06:50	28° Mp 44'56	
	2519 Feb 28 18:46	$0^{\circ}$ Y		-	2523 Oct 09 05:57	0∘ <del>⊽</del>	
evening set	2519 Mar 24 12:08	18° <b>Ƴ</b> 22'57			2523 Nov 25 03:46	0° <b>M</b> ,	
-	2519 Apr 08 17:48	$9^{\circ}$ 8			2524 Jan 10 15:26	0° <b>∡</b> ¹	
asc. node	2519 May 05 12:13	19° <b>8</b> 58'13		desc. node	2524 Feb 23 22:48	28° <b>∡</b> ¹43'51	
	2519 May 19 06:26	$\Pi^{\circ}0$			2524 Feb 25 21:49	0°రె	
	·				2524 Apr 12 15:08	0° <b>≈</b>	
conjunction	2519 May 27 00:06	5° <b>Ⅱ</b> 34'06	0°13'44		2524 Jun 01 06:53	0° <b>∀</b>	
minimum elong	2519 May 26 23:10	5° <b>Ⅱ</b> 32'27	0°13'44	retrograde	2524 Aug 12 22:00	25° <b>)</b> 32′22	
behind sun begin	2519 May 26 10:25	5° <b>Ⅱ</b> 09'36		min. Earth dist.	2524 Sep 10 03:54	20° <b>ℋ</b> 55'48	0.37364 AU
behind sun end	2519 May 27 11:55	5° <b>Ⅱ</b> 55'16		opposition	2524 Sep 12 12:13	20° <b>)</b> 18′01	
	2519 Jun 30 19:29	0ංම		greatest brilliancy	2524 Sep 12 04:51	20° <b>∺</b> 22'58	
max. Earth dist.	2519 Jul 03 21:13	2° <b>©</b> 06'31	2.52728 AU	direct	2524 Oct 11 21:35	15° <b>)</b> €23'37	
morning rise	2519 Jul 22 19:58	14°957'14			2524 Dec 03 00:28	0°Υ	
<b>5</b>	2519 Aug 14 12:45	0°N		asc. node	2524 Dec 25 08:30	11° <b>Υ</b> 40'38	
	2519 Sep 30 10:07	0° <b>m</b> )			2525 Jan 25 10:40	0°8	
	2519 Nov 18 21:05	0∘ <b>⊽</b>			2525 Mar 14 06:54	0°II	
	2520 Jan 12 12:48	0° <b>M</b>			2525 Apr 30 12:56	0°9	
retrograde	2520 Mar 30 15:24	24°MJ32'47			2525 Jun 17 02:26	$0^{\circ}\Omega$	
opposition	2520 May 06 14:08	16°M32'24	0°37'18		2525 Aug 03 19:17	0° m)	
· r r · · · · · · · · ·	,		<del></del>			- પ્ર	

evening set	2525 Aug 13 11:14	6° Mg 05′50			2530 Apr 18 15:26	$0^{\circ}$ Y	
max. Earth dist.	2525 Sep 17 05:58	28° Mp 11'50	2.66539 AU		2530 May 27 12:45	$9^{\circ}$ 8	
	2525 Sep 20 01:32	0∘ <b>⊽</b>			2530 Jul 06 23:14	$\Pi$ $^{\circ}0$	
				asc. node	2530 Aug 17 06:35	28° <b>∏</b> 45'34	
conjunction	2525 Sep 27 21:11	5° <b>ഫ</b> 01'11	0°51'45		2530 Aug 19 03:13	0	
minimum elong	2525 Sep 27 22:17	5° <b>£</b> 02'56	0°51'45		2530 Oct 06 08:40	$0$ ° $\Omega$	
	2525 Nov 05 06:55	0° <b>M</b>			2530 Dec 15 22:29	0° <b>m</b> ∕	
morning rise	2525 Nov 11 08:41	4° <b>M</b> 00′26		retrograde	2531 Jan 01 21:16	1° <b>m</b> 43'50	
	2525 Dec 20 03:04	0° <b>∡</b> ¹			2531 Jan 17 22:23	$30^\circ$ R $\Omega$	
desc. node	2526 Jan 10 21:13	14° <b>∡</b> ¹54'56		min. Earth dist.	2531 Feb 09 10:10	22° <b>Ω</b> 32′21	0.66717 AU
	2526 Feb 01 12:51	ರ°0		opposition	2531 Feb 11 03:13	21° <b>Ω</b> 51'15	4°34'19
	2526 Mar 15 15:54	0° <b>≈</b>		greatest brilliancy	2531 Feb 10 19:57	21° <b>Ω</b> 58'32	-1.3m
	2526 Apr 25 21:50	0° <b>∀</b>		direct	2531 Mar 23 03:38	12° <b>Ω</b> 18′01	
	2526 Jun 06 03:22	$0$ ° $\mathbf{\gamma}$			2531 May 26 05:38	0° <b>m</b> ⁄	
	2526 Jul 19 11:04	$_{0\circ}$ 8			2531 Jul 22 04:40	0∘ <b>⊽</b>	
	2526 Sep 12 02:02	$\Pi^{\circ}0$		desc. node	2531 Sep 02 17:42	26° <b>ჲ</b> 03'38	
retrograde	2526 Oct 15 10:53	7° <b>Ⅱ</b> 10'36			2531 Sep 08 20:22	$0^{\circ}$ M	
asc. node	2526 Nov 12 07:57	1° <b>Ⅱ</b> 47'36			2531 Oct 23 06:35	0° <b>∡</b> ¹	
min. Earth dist.	2526 Nov 12 22:19	1° <b>Ⅱ</b> 35'11	0.47342 AU		2531 Dec 03 17:32	ა∘ნ	
	2526 Nov 17 09:43	30° <b>₹</b> 8		evening set	2531 Dec 18 22:49	11° <b>る</b> 26'39	
opposition	2526 Nov 21 04:58	28° <b>8</b> 38'03	0°29'43	C	2532 Jan 12 02:58	0° <b>≈</b>	
greatest brilliancy	2526 Nov 21 00:49	28° <b>8</b> 41'46	-2.4m	max. Earth dist.	2532 Jan 31 03:52	14° <b>≈</b> 51'53	2.37357 AU
direct	2526 Dec 24 10:20	21° <b>8</b> 42'06					
	2527 Feb 01 19:00	0°II		conjunction	2532 Feb 19 14:13	0° <b>₩</b> 10'39	-1°04'18
	2527 Apr 04 20:39	0ಂತಾ		minimum elong	2532 Feb 19 15:02	0° <b>)</b> 12'16	1°04'17
	2527 May 27 00:40	$0^{\circ}\Omega$			2532 Feb 19 08:50	0° <b>)</b> €	
	2527 Jul 15 18:06	0° <b>m</b> )			2532 Mar 28 09:19	0°Υ	
	2527 Sep 01 18:51	0∘ <b>ಹ</b>		morning rise	2532 Apr 30 12:28	25° <b>Ƴ</b> 44'47	
evening set	2527 Sep	11° <b>≏</b> 20'30		morning rise	2532 May 06 01:50	0°8	
max. Earth dist.	2527 Oct 12 04:56	26° <b>£</b> 11'43	2.60386 AU		2532 Jun 15 06:05	0°II	
max. Earth dist.	2527 Oct 12 04:30 2527 Oct 17 22:47	0°M	2.00300710	asc. node	2532 Jul 04 05:14	13° <b>∏</b> 38'49	
	2327 Oct 17 22.47	0 110		use. Houe	2532 Jul 27 15:13	0° <b>©</b>	
conjunction	2527 Nov 04 19:28	11° <b>M</b> .58'40	0°13'48		2532 Sep 10 23:15	$0 {\circ} \mathcal{U}$	
minimum elong	2527 Nov 04 19:58	11°M59'31			2532 Oct 30 22:35	0° mp	
behind sun begin	2527 Nov 04 19:36 2527 Nov 04 09:35	11°M41'58	0 13 40		2533 Jan 04 18:02	0° <del>ت</del> سائر	
behind sun end	2527 Nov 04 05:33 2527 Nov 05 06:21	12°M17'05		retrograde	2533 Feb 04 09:00	5° <b>≏</b> 01'27	
desc. node	2527 Nov 28 19:50	28°M26'16		retrograde	2533 Mar 04 12:05	30°R, Mg	
desc. node	2527 Nov 26 15:50 2527 Dec 01 01:47	0°×7		opposition	2533 Mar 16 03:12	25° m 38'11	3°52'46
morning rise	2527 Dec 01 01:47 2527 Dec 22 14:07	15° <b>₹</b> 08'27		greatest brilliancy	2533 Mar 16 10:05	25° mp 31'23	
morning rise	2528 Jan 12 05:57	13 × 06 27		min. Earth dist.	2533 Mar 18 07:27		0.67215 AU
	2528 Feb 21 18:49	0°≈		direct	2533 Apr 26 11:56	15° Mp 38'24	0.07213 AU
	2528 Apr 01 05:04	0° <b>)</b> €		direct	2533 Jun 21 02:50	ე° <b>ი</b>	
	2528 May 10 06:13	0° <b>Υ</b>		desc. node	2533 Jul 20 16:10	0 <b>=</b> 14° <b>£</b> 36'53	
	2528 Jun 18 22:23	0°8		desc. Hode	2533 Aug 16 10:25	0°M	
	2528 Jul 30 18:14	0°II			2533 Aug 10 10:25 2533 Oct 01 18:11	0° <b>⊼</b> ¹	
		0°e				0°ਤ	
asc. node	2528 Sep 16 02:24 2528 Sep 29 07:53	0 €9 7°©08'48			2533 Nov 12 17:28 2533 Dec 22 04:25	0°≈	
retrograde	2528 Nov 27 00:44	24°959'35			2534 Jan 29 09:26	0 <b>∞</b> 0° <b>∀</b>	
min. Earth dist.	2528 Nov 27 00:44 2528 Dec 31 00:19	_	0.50695 ATT	evening set	2534 Feb 24 10:36	0 <del>X</del> 20° <del>X</del> 34'32	
		17°519'07		evening set	2534 Mar 08 10:28	20 χ3432 0°Υ	
opposition	2529 Jan 05 13:23	15° <b>©</b> 07'35 15° <b>©</b> 26'28	3°48'52			0° <b>8</b>	
greatest brilliancy	2529 Jan 04 18:20	6°\$29'42	-1./III		2534 Apr 16 06:01	0.0	
direct	2529 Feb 11 21:48			aamiumatian	2524 May 02 19:16	120 1205	0012144
	2529 Apr 28 18:50	0° <b>N</b>		conjunction	2534 May 02 18:16	12° <b>8</b> 26'25	
	2529 Jun 23 14:09	0° <b>™</b>		minimum elong	2534 May 02 19:20	12° <b>8</b> 28'24	0-1243
	2529 Aug 12 15:52	0∘ <b>亚</b>		behind sun begin	2534 May 02 02:31	11° <b>8</b> 57'01	
1 1	2529 Sep 28 09:57	0°M		behind sun end	2534 May 03 12:08	12° <b>8</b> 59'45	
desc. node	2529 Oct 15 18:51	11°M38'31		asc. node	2534 May 22 05:12	26° <b>8</b> 48'35	
evening set	2529 Oct 28 22:20	20°M38'01		To d. U.	2534 May 26 14:21	0°П	2 47/05 444
Г. (1. Г.)	2529 Nov 11 09:03	0°×7	2 40469 433	max. Earth dist.	2534 Jun 18 03:23	16° <b>∏</b> 08'52	2.47605 AU
max. Earth dist.	2529 Nov 12 12:04	0° <b>∡</b> 747′29	2.49468 AU	morning rise	2534 Jul 03 14:52	26° <b>Ⅱ</b> 58'34	
	2520 D 10 05 25	270 71 475	0027122		2534 Jul 07 23:51	0°©	
conjunction	2529 Dec 19 05:33	27° <b>₹</b> 14'56			2534 Aug 21 16:55	$\Omega^{\circ}\Omega$	
minimum elong	2529 Dec 19 03:55	27° <b>₹</b> 11'55	0~36'51		2534 Oct 07 23:32	0° <b>m</b>	
	2529 Dec 22 23:01	0°る			2534 Nov 27 21:53	0∘ <b>亚</b>	
	2530 Jan 31 16:58	0° <b>≈</b>		_	2535 Jan 28 18:02	0°M	
morning rise	2530 Feb 14 21:33	10°≈57'08		retrograde	2535 Mar 14 10:33	9°M40'27	1051110
	2530 Mar 11 07:55	0° <b>∀</b>		opposition	2535 Apr 21 11:34	1°M10'12	1°51'40

1971   1971   1972	greatest brilliancy	2535 Apr 21 21:57	1° <b>M</b> L00'19	-1 6m		2540 Aug 10 16:02	0° <b>m</b> )	
min flation         255 Jan 01 1452         294 Jan 07         264 Jan 07         2	greatest brimaney	•		1.0111	max. Earth dist.	•	-•	2.67497 AU
dec. node         3535 MI 17 1952         219 A03 1         minimum color         250 Sop 2 19 A04 1         CPC         CPC         comming rise         250 Sop 2 19 A04 1         CPC         CPC         comming rise         250 Sop 2 19 A04 1         CPC	min. Earth dist.	•		0.61133 AU		1		
2358 pm   19   250   20   27   27   27   28   28   29   29   29   29   29   29	direct	2535 Jun 01 14:12	21° <b>≏</b> 16′29		conjunction	2540 Sep 13 19:46	21° <b>m</b> )41'57	1°00'59
255.00   20.	desc. node	2535 Jun 07 15:25	21° <b>≏</b> 30'31		minimum elong	2540 Sep 13 20:39	21°Mp43'22	1°00'59
255 No. 2   1055   0°\$   255 No. 2   1055   0°\$   254 No. 2   154   0°\$   0°\$     255 No. 3   154   0°\$   0°\$   255 No. 3   0°\$   0°\$   254 No. 2   154 No. 2   0°\$   0°\$     256 No. 3   0. 12   0°\$   0°\$   0°\$   254 No. 2   154 No. 2   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   254 No. 2   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°\$   0°\$   0°\$   0°\$   0°\$   0°\$   0°\$   0°\$   0°\$     256 No. 3   0°\$   0°		2535 Jul 11 19:46				2540 Sep 26 19:41	0∘ <b>⊽</b>	
1985   1986		•			morning rise	2540 Oct 28 01:46		
2516   10   15   15   15   15   15   15   15								
251 Feb   15 2300   0°P   15 254 Mar 20 1015   0°S   15 264 Mar 20 1015   0°S								
ass. node         233 Arg Not 80:24         98'B316   28'B316   28'B316   28'B316   24'B318   21'B318   28'B318					desc. node			
evening set         2336 May 0 R0 20-14         9°B3616's         2441 May 0 R1519         0°PC         1         249 May 0 P124         278 May 0 P124         0°PC         241 May 0 P124         0°PC         0°PC <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
evening set         253 May no 10 292         267 Below         251 Jun 10 1519         0°P         1         251 Jun 12 1510         0°P         1         251 Jun 10 1519         0°P         1         0°P         0°P         1         251 Jun 12 1510         0°P         0°P         251 Jun 10 1519         0°P	1-							
236 May 06 0.244   0"\$\frac{1}{2}\$ 236 May 06 0.244   0"\$\frac{1}{2}\$ 236 May 06 0.244   0"\$\frac{1}{2}\$ 236 May 07 0.245   0"\$\frac{1}{2}\$ 236 May 08 0.145   0"\$\frac{1}{2}\$ 236 May 08 0.155   0"\$\frac{1}{2}\$ 237 May 0.134   0"\$\frac{1}{2}\$ 238 May 0.134		•				•		
Part	evening set							
conjunction         2545 Jun 27 0127         6°821702         0°4521200         opposition         2541 Oct 28 1319         5°821700         1°851700         2542170         1°851700         2542170         1°851700         2542170         1°851700         1					retrograde			
Solution		2550 Juli 17 22.55	0 3		C		_	0.42251 AU
minum molnon         254 Our 28 0.1 % 2.5 % 10 % 2.5 % 2.5 % 18 % 10 % 2.5 % 10 % 2.5 % 10 % 10 % 2.5 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 1	conjunction	2536 Jun 27 01:27	6°912'02	0°45'22			_	
max. Farth dist         254 Gal 2 2 07-40         23°800°28         2.938 Aug 0 18.51         9°2°7029         29°7029								
moming rise    2536 Aug 10 1851   0°Q   1850   2872   2812   2972   2	_				8			
moming rise    2516 Aug 17 01.42   9°/£5735   sec. node   2541 Nov 29 01.16   29°/20°/20°/20°/20°/20°/20°/20°/20°/20°/20					direct			
Part	morning rise	•			asc. node	2541 Nov 29 01:16	29° <b>Y</b> ′20'30	
Section   Part   Par						2541 Dec 08 22:38	0°8	
Continue		2536 Nov 04 11:52	0∘ <b>亚</b>			2542 Feb 22 10:31	$\Pi^{\circ}0$	
Conjunction   1937 Apr   24   1440   21   21   237   238   237   348   237   248   238   248   258   258   259   248   232   279   278   288		2536 Dec 24 16:23	0°M₊			2542 Apr 15 14:45	$0$ $\circ$ $\odot$	
Petrograde opposition   2537 May 0   0.91.3   21° Au8'S   2000'S6   2600'S6   2520 Na 10.0 4 2343   21° Au8'S 908   2000'S6   2520 Na 10.0 4 2343   24° As 3732   2.2m   2.2m   2.537 lum   0.5 1429   14° As 3732   2.2m   2.537 lum   3.0 2020   66° Al 5132   2.049306 AU   2537 lum   3.0 2020   66° Al 5133   2.00   66° Al 513   2.537 lum   3.0 2020   66° Al 513   2.00   2.537 lum   3.0 2020   3		2537 Feb 18 04:39	0° <b>∡</b> ¹			2542 Jun 04 07:17	$0^{\circ}\Omega$	
opposition greatest brillianey         2537 Jun   04 2343         14°287080 -2'0056         max. Earth dist.         2542 Scp   08 16:05         0° Δ         2540 ND         35 Aug   2 (3:34) ND         3 (3) Aug   2 (3:34) ND         3 (3) Aug   2 (3:34) ND         3 (3) Aug	desc. node	2537 Apr 24 14:40	21° <b>∡</b> ³32′28			2542 Jul 23 00:36	0° <b>™</b>	
greatest brillianey         2537 Jun 10 5 14:29         14°,28°721   2.2m         max. Earth dist.         2542 Oct 20 33:85         15° 208'22         26.3410 AU           min. Earth dist.         2537 Jun 13 02:20         6°×15'13         0.49396 AU         conjunction         2542 Oct 20 13:55         27° 21:218         0°30'41           direct         2537 Nov 31 6:19         0°\$         minimum elong         2542 Oct 20 14:51         27° 21:35         0°30'41           2537 Nov 31 6:19         0°\$         morning rise         2542 Oct 20 14:51         27° 21:35         0°30'41           2537 Nov 31 6:19         0°\$         morning rise         2542 Oct 20 14:51         27° 213'5         0°30'41           2538 Jan 23 13:31         0°\$         desc. node         2542 Dec 15 1:10         8°\$ 70'35'8         1           2538 Apr 16 01:09         0°\$         desc. node         2543 Mar 01 18:00         0°\$         0°\$           evening set         2538 Jun 20 13:25         14°\$29'10         1°07'5         2543 Mar 01 18:00         0°\$         0°\$           conjunction         2538 Aug 08 17:15         16°\$22'16         1°07'59         2543 Mar 02 0 16:35         0°\$         0°\$           conjunction         2538 Aug 08 17:15         16°\$22'16         1°07'59         2543 O	retrograde	•	21° <b>х</b> 48′53		evening set	•	-	
min. Earth dist.         2537 Jun 13 09:46         11° x 55532         0.49396 AU         conjunction         2542 Oct 20 13:55         27° £1218         0°3041           direct         2537 Jun 13 09:46         6° x 1513         conjunction         2542 Oct 20 14:51         27° £1315         0°3041           2537 Nev 03 16:19         0° ∞         minimum elong         2542 Oct 24 19:21         0° £1         0° 3041           2537 Dec 14 14:58         0° €         morning rise         2542 Dec 05 12:19         28° £1.008         28° £1.008           2538 Jan 23 13:31         0° ° €         2542 Dec 05 12:19         28° £1.008         28° £1.008           2538 Mar 05 0:02         0° €         2543 Jan 19 17:20         0° €         0° €           2538 Mar 05 0:02         0° €         2543 Mar 19 17:20         0° €         2543 Mar 19 17:20         0° €           evening set         2538 Jun 12 0:35         14° £29291         2543 Mar 10 16:35         0° €         0° €           evening set         2538 Jun 12 0:35         14° £29291         2543 Mar 10 16:35         0° €         0° €           evening set         2538 Jun 12 0:35         14° £29291         2543 Mar 10 16:35         0° €         0° €           evening set         2538 Jun 12 0:35         16° £22640 </td <td>opposition</td> <td>2537 Jun 04 23:43</td> <td>14°<b>≯</b> 50′08</td> <td>-2°00'56</td> <td></td> <td>2542 Sep 08 16:05</td> <td>0∘<b>ত</b></td> <td></td>	opposition	2537 Jun 04 23:43	14° <b>≯</b> 50′08	-2°00'56		2542 Sep 08 16:05	0∘ <b>ত</b>	
direct   2537 Jul 13 0.2.0   6° x² 15′13   0°B   minimum clong   2542 Oct 20 14.51   27° 4.13′18   0°30′41   0°3					max. Earth dist.	2542 Oct 02 03:58	15° <b>≏</b> 08'22	2.63410 AU
2537 Sep 18 21:19   0°B   minimum clong   2542 Oct 20 14:51   27°Δ13'51   0°30'41   2547 Oct 20 14:51   257°Δ13'51   0°30'41   2548 Oct 20 12:19   258°R11'075'				0.49396 AU				
2537 Nov 03   16.19   0°\$   moming rise   2542 Oct 24   19.21   0°\$	direct				-			
2537   Dec 14   14:58   0°\(\pmath{					minimum elong			0°30'41
asc. node         2538 Jan 23 13.31         0°°γ°         desc. node         2542 Dec 08 03:44         0°×π*         Corange           2538 Feb 24 01:30         25°γ°23'43         desc. node         2542 Dec 15 11:08         5°×π'20'58         1           2538 Mar 16 01:08         0°E         2543 Jan 19 17:20         0°E         2543 Jan 19 17:20         0°E           evening set         2538 May 29 19:18         0°E         2543 Jan 20 16:03         0°F         2543 Jan 20 16:03         0°F           evening set         2538 Jul 14 05:11         16°Q27'16         1°0759         2543 Jun 29 16:03         0°F           conjunction         2538 Aug 81 15:33         16°Q27'16         1°07'59         asc. node         2543 Oct 16 23:27         4°950'118           max. Earth dist.         2538 Aug 17 04:11         21°Q52'28         26616 2AU         retrograde         2543 Nov 12 11:37         8°9529'57           morning rise         2538 Sec 16 03:23         15°™3959         asc. node         2543 Dec 16 08:52         1°954'34         0°56'29           desc. node         2538 Nag 10 10 12:31         0°E         greatest brilliancy         2543 Dec 18 10:60         30°RIT         1.9m           morning rise         2539 Mar 12 13:42         2°E312'15         60°E         2544					morning rise			
Sec. node   2538 Feb. 24 01:30   23°°γ23'43   desc. node   2542 Dec 15 11:08   5°×03'58   Per 258 Mar 05 02:02   0°B   2538 Mar 05 02:02   0°B   2538 Mar 06 01:08   0°B   2538 Mar 01 01:03   0°B   2538 Mar 29 19:18   0°\$   2543 Mar 01 16:05   0°B   2543 Mar 01 16:05   0°B   2543 Mar 01 16:05   0°B   2543 Mar 02 06:39   0°P   2543 Mar 02 06:39   0°B   2544 Mar 02 06:59   28°B 1543   0°B   2544 Mar 02 06:59   2544 Mar 02 06:5					morning rise			
2538 Mar 05 02:02	asc. node				desc node			
evening set	use. noue				acse. noue			
evening set								
cevening set   2538 Jun 20 13:25   14°\$29'10							0° <b>)</b> €	
conjunction 2538 Aug 08 17:15 16° Ω27'16 1°07'59	evening set		14° <b>5</b> 29'10			-	$0^{\circ}\mathbf{Y}$	
conjunction         2538 Aug 08 17:15         16°Ω27!6         1°07'59         asc. node         2543 Oct 05 20:43         0°©         4°©01'18           max. Earth dist.         2538 Aug 17 04:11         21°Ω52'28         2.66162 AU         retrograde         2543 Nov 12 11:37         8°©29'57         8°©29'57           morning rise         2538 Sep 23 12:35         15°№39'59         min. Earth dist.         2543 Dec 14 08:52         1°©34'34         0.55330 AU           morning rise         2538 Sep 23 12:35         15°№39'59         greatest brilliancy         2543 Dec 18 11:06         30°RT         1         9°RT		2538 Jul 14 05:51	$0^{\circ}\Omega$			2543 Jun 29 16:03	$0^{\circ}$ 8	
minimum elong						2543 Aug 12 01:46	$\Pi$ $^{\circ}0$	
max. Earth dist. 2538 Aug 17 04:11 21°Q 52'28 2.66162 AU min. Earth dist. 2543 Nov 12 11:37 8°受29'57 min. Earth dist. 2543 Dec 14 08:52 1°受34'34 0.55330 AU morning rise 2538 Sep 23 12:35 15°™39'59	conjunction	2538 Aug 08 17:15	16° <b>Ω</b> 27'16	1°07'59		2543 Oct 05 20:43	$0$ $\circ$ $\odot$	
Morning rise   2538 Aug 29 21:23   0° m   min. Earth dist.   2543 Dec 14 08:52   1° 34'34   0.55330 AU     Morning rise   2538 Sep 23 12:35   15° m 39'59   greatest brilliancy   2543 Dec 20 11:40   30° R. II     2538 Dec 02 13:39   0° M   opposition   2543 Dec 21 106:29   28° II 54'34   295'629     2539 Jan 19 05:38   0° N   direct   2544 Jan 26 04:52   20° II 49'23     2539 Mar 08 21:47   0° N   2544 May 10 11:18   0° Ω     2539 Mar 12 13:42   2° N   2° N   2544 May 10 11:18   0° Ω     2539 Mar 12 13:42   2° N   2° N   2544 May 10 11:18   0° Ω     2539 Mar 12 12:31   24° ≈ 04'34   6° 45'00   2544 Aug 19 23:34   0° Ω     2539 Mag 12 12:19   18° ≈ 51'25   -2.9m   evening set   2544 Not 10 10:03   18° II 12'57     2539 Mag 12 12:19   18° ≈ 51'25   -2.9m   evening set   2544 Not 01 10:03   18° II 12'57     2539 Mag 12 12:19   18° ≈ 51'25   -2.9m   evening set   2544 Not 01 10:03   18° II 12'57     3539 Mag 14 23:06   18° ≈ 11'39   0.38013 AU   max. Earth dist.   2544 Not 01 10:03   18° II 12'57     4850 Mag 18 10:13   0° N   2539 Not 04 13:59   0° N     2539 Doc 24 20:11   0° N   2544 Not 01 10:03   18° II 12'57     4850 Mag 18 10:35   0° S   minimum elong   2544 Not 30 03:06   8° N 14'28   0° 16'53     2540 Mag 23 23:02   0° II   10° N   2544 Not 30 03:06   8° N 14'28   0° 16'53     2540 Mag 08 16:35   0° S   morning rise   2545 Jan 21 19:51   16° N 49'59     4850 Mag 08 16:35   0° S   morning rise   2545 Fe 08 05:04   0° ≈	minimum elong	2538 Aug 08 16:53	16° <b>Ω</b> 26'40	1°07'59	asc. node	2543 Oct 16 23:27	4° <b>5</b> 01'18	
Morning rise   2538 Sep 23 12:35   15° m/39'59   greatest brilliancy   2543 Dec 18 11:06   30° κ π   2543 Dec 20 11:40   29° π   12'48   -1.9m	max. Earth dist.	_		2.66162 AU	retrograde	2543 Nov 12 11:37		
2538 Oct 16 03:21   0° \(\Omega\)   greatest brilliancy   2543 Dec 20 11:40   29° \(\Omega\)   258′ \(\Dmu\)   259′ \(\Omega\)   2538 Dec 02 13:39   0° \(\Omega\)   direct   2544 Jan 26 04:52   20° \(\Omega\)   259′ \(\Omega\)   42° 56'29   2539 Mar 08 21:47   0° \(\Omega\)   2539 Mar 08 21:47   0° \(\Omega\)   2539 Mar 12 13:42   2° \(\Omega\)   2° \(\Omega\)   2539 Apr 30 09:37   0° \(\omega\)   2539 Apr 30 Apr 31 16:54   19° \(\omega\) 04:34   -6° 45'00   2544 Aug 19 23:34   0° \(\Omega\)   2539 Aug 11 16:54   19° \(\omega\) 04:34   -6° 45'00   2544 Oct 05 10:15   0° \(\Omega\)   2539 Aug 12 12:19   18° \(\omega\) 18° \(\omega\) 13°   038013 AU   max. Earth dist.   2544 Oct 12 09:43   4° \(\Omega\) 18° \(\omega\) 18° \(\omega\) 13° \(\omega\)   30° \(\omega\)   38° \(\omega\) 18° \(\omega\) 13° \(\omega\)   339 Nov 04 13:59   0° \(\Omega\)   30° \(\omega\)   38° \(\omega\) 19° \(\omega\)   38° \(\omega\) 18° \(\omega\) 19° \(\omega\)   38° \(\omega\) 18° \(\omega\) 118° \(		•			min. Earth dist.			0.55330 AU
2538 Dec   2   13:39   0°M   0pposition   2543 Dec   2   06:29   28°M54'34   2°56'29	morning rise	•						1.0
2539 Jan 19 05:38   0° x   direct   2544 Jan 26 04:52   20° II 49'23   2539 Mar 08 21:47   0° \(\frac{1}{5}\)   2539 Mar 08 21:47   0° \(\frac{1}{5}\)   2544 Mar 08 18:03   0° \(\frac{1}{5}\)   0° \(\frac{1}{5}\)   11:18   0° \(\frac{1}{5}\)   0° \(\frac{1}{5}\)   11:18   0° \(\frac{1}{5}\)   0° \(\frac{1}{5}\)   12:31   22° \(\frac{1}{5}\)   15   2544 May 10 11:18   0° \(\frac{1}{5}\)   0° \(\frac{1}{5}\)   10:15   0° \(\frac{1}{5}\)   0° \(\frac{1}{5}\)   10:15								
desc. node   2539 Mar 08 21:47   0°€   2544 Mar 08 18:03   0°€								2°56'29
Consider   2539 Mar 12 13:42   2°312'15   2544 May 10 11:18   0°Ω   2544 May 10 11:18   0°Ω   2539 Apr 30 09:37   0°∞   2544 Jul 01 22:19   0°m   2544 Aug 19 23:34   0°Ω					direct			
2539 Apr 30 09:37	desc node							
retrograde 2539 Jul 12 12:31 24°≈04'34 -6°45'00 2544 Aug 19 23:34 0°風  opposition 2539 Aug 11 16:54 19°≈04'34 -6°45'00 2544 Oct 05 10:15 0°ጤ  greatest brilliancy 2539 Aug 12 12:19 18°≈51'25 -2.9m evening set 2544 Oct 12 09:43 4°ጤ39'05  min. Earth dist. 2539 Aug 14 23:06 18°≈11'39 0.38013 AU max. Earth dist. 2544 Oct 29 09:36 16°ጤ08'56 2.54235 AU direct 2539 Sep 11 16:01 13°≈43'41 desc. node 2544 Nov 01 10:03 18°ጤ12'57 2539 Dec 24 20:11 0°°℃  asc. node 2540 Jan 12 01:35 11°°∇'57'47 conjunction 2544 Nov 30 03:06 8°¬₹15'47 -0°16'53 2540 Mar 23 23:02 0°¬∏ minimum elong 2544 Nov 30 02:22 8°¬₹14'28 0°16'53 2540 May 08 16:35 0°¬©¬∏ morning rise 2545 Jan 21 19:51 16°¬¬₹49'59 2540 Jun 24 09:35 0°¬№ morning rise 2545 Feb 08 05:04 0°¬≈▼	desc. node					•		
opposition 2539 Aug 11 16:54 19°≈04'34 -6°45'00 2544 Oct 05 10:15 0°    greatest brilliancy 2539 Aug 12 12:19 18°≈51'25 -2.9m evening set 2544 Oct 12 09:43 4°    min. Earth dist. 2539 Aug 14 23:06 18°≈11'39 0.38013 AU max. Earth dist. 2544 Oct 29 09:36 16°    direct 2539 Sep 11 16:01 13°≈43'41 desc. node 2544 Nov 01 10:03 18°    2539 Nov 04 13:59 0°    2539 Dec 24 20:11 0°    asc. node 2540 Jan 12 01:35 11°    2540 Feb 08 01:35 0°    2540 Mar 23 23:02 0°    2540 May 08 16:35 0°    2540 Jun 24 09:35 0°    2540 Jun 24 0 U:05 0	retrograde	1					-	
greatest brilliancy	•			-6°45'00		•		
min. Earth dist. 2539 Aug 14 23:06 18°≈11'39 0.38013 AU max. Earth dist. 2544 Oct 29 09:36 16°™08'56 2.54235 AU direct 2539 Sep 11 16:01 13°≈43'41 desc. node 2544 Nov 01 10:03 18°™12'57 2539 Nov 04 13:59 0°⊁ 2539 Dec 24 20:11 0°° C 2544 Nov 18 10:00 0°♂ 2544 Nov 18 10:00 0°♂ 2544 Nov 18 10:00 0°♂ 2540 Jan 12 01:35 11°° C57'47 conjunction 2544 Nov 30 03:06 8°♂ 15'47 -0°16'53 2540 Feb 08 01:35 0°♂ minimum elong 2544 Nov 30 02:22 8°♂ 14'28 0°16'53 2540 Mar 23 23:02 0° Ⅲ 2540 May 08 16:35 0°  morning rise 2545 Jan 21 19:51 16° 349'59 2540 Jun 24 09:35 0° €		-			evening set			
direct 2539 Sep 11 16:01 13°≈43'41 desc. node 2544 Nov 01 10:03 18° 112'57 2539 Nov 04 13:59 0° ★ 2539 Dec 24 20:11 0° Υ  asc. node 2540 Jan 12 01:35 11° Υ 57'47 conjunction 2544 Nov 30 03:06 8° ₹ 15'47 -0°16'53 2540 Feb 08 01:35 0° ★ 2540 Mar 23 23:02 0° II 2540 May 08 16:35 0° ⑤ 2540 Jun 24 09:35 0° €		=			•			2.54235 AU
2539 Nov 04 13:59 0° ★ 2539 Dec 24 20:11 0° ϒ  asc. node 2540 Jan 12 01:35 11° ϒ 57'47 conjunction 2544 Nov 30 03:06 8° ⊀ 15'47 -0°16'53 2540 Feb 08 01:35 0° ★ 2540 Mar 23 23:02 0° Ⅱ 2540 May 08 16:35 0° ⑤ 2540 Jun 24 09:35 0° € 2540 Nov 18 10:00 0° ₹ 2544 Nov 30 03:06 8° ₹ 15'47 -0°16'53 2544 Nov 30 02:22 8° ₹ 14'28 0°16'53 2544 Dec 30 04:40 0° ₹ 2545 Jun 21 19:51 16° ₹ 49'59 2545 Feb 08 05:04 0° €		-						
asc. node 2540 Jan 12 01:35 11°Y57'47 conjunction 2544 Nov 30 03:06 8°水15'47 -0°16'53 2540 Feb 08 01:35 0°₺ minimum elong 2544 Nov 30 02:22 8°水14'28 0°16'53 2540 Mar 23 23:02 0°耳 2544 Dec 30 04:40 0°₺ 2540 May 08 16:35 0°₺ morning rise 2545 Jan 21 19:51 16°₺49'59 2540 Jun 24 09:35 0°₺		=	0° <b>∀</b>			2544 Nov 18 10:00	0° <b>∡</b> 7	
2540 Feb 08 01:35 0°8 minimum elong 2544 Nov 30 02:22 8°₹14'28 0°16'53 2540 Mar 23 23:02 0°Ⅱ 2544 Dec 30 04:40 0°3 2540 May 08 16:35 0°9 morning rise 2545 Jan 21 19:51 16°₹49'59 2540 Jun 24 09:35 0°€ 2545 Feb 08 05:04 0°≈		2539 Dec 24 20:11	$0^{\circ}\mathbf{\Upsilon}$					
2540 Mar 23 23:02 0°I 2544 Dec 30 04:40 0°T 2540 May 08 16:35 0°© morning rise 2545 Jan 21 19:51 16°549'59 2540 Jun 24 09:35 0°Ω 2545 Feb 08 05:04 0°≈	asc. node	2540 Jan 12 01:35			conjunction	2544 Nov 30 03:06	8° <b>∡</b> 15'47	-0°16'53
2540 May 08 16:35 0°♥ morning rise 2545 Jan 21 19:51 16°♂49'59 2540 Jun 24 09:35 0°Ω 2545 Feb 08 05:04 0°≈					minimum elong			0°16'53
2540 Jun 24 09:35     0° <b>Ω</b>								
		•			morning rise			
evening set 2540 Jul 29 25:00 22°8 \(\mathbf{l}\)34'40 2545 Mar 19 02:13 0°\(\mathbf{H}\)	•							
	evening set	2540 Jul 29 23:00	22 <b>~8 (</b> 34'40			2545 Mar 19 02:13	υ°π	

	2545 Apr 26 14:50	$0$ ° $\Upsilon$			2550 Sep 17 07:47	0° <b>∡</b> ¹	
	2545 Jun 04 16:40	$_{0\circ}$ 8			2550 Oct 30 08:58	8°0	
	2545 Jul 15 09:58	$\Pi^{\circ}0$			2550 Dec 09 05:31	0° <b>≈</b>	
	2545 Aug 28 09:16	$0$ $\circ$ $\odot$			2551 Jan 16 15:20	0° <b>)</b> €	
asc. node	2545 Sep 02 23:01	3° <b>5</b> 34'00			2551 Feb 23 20:36	$0$ ° $\Upsilon$	
	2545 Oct 18 23:14	$0^{\circ}\Omega$			2551 Apr 03 21:19	0°8	
retrograde	2545 Dec 19 09:48	18° <b>Ω</b> 20'53		evening set	2551 Apr 08 07:48	3° <b>8</b> 20'42	
min. Earth dist.	2546 Jan 25 07:13	9° <b>Ω</b> 41'08	0.64729 AU	asc. node	2551 Apr 25 19:55	16° <b>8</b> 23'14	
opposition	2546 Jan 28 12:46	8° <b>Ω</b> 23'27	4°29'01		2551 May 14 11:25	$\Pi^{\circ}0$	
greatest brilliancy	2546 Jan 27 23:48	8° <b>Ω</b> 36′27	-1.4m				
	2546 Feb 25 01:36	30° <b>₹</b>		conjunction	2551 Jun 08 08:26	17° <b>Ⅱ</b> 42'09	0°26'54
direct	2546 Mar 08 15:36	29° <b>©</b> 07'50		minimum elong	2551 Jun 08 06:55	17° <b>Ⅲ</b> 39′28	0°26'53
	2546 Mar 20 20:17	$0^{\circ}\Omega$			2551 Jun 26 01:38	$0$ $\circ$ $\odot$	
	2546 Jun 07 15:21	O° <b>m</b> y		max. Earth dist.	2551 Jul 11 13:45	10° <b>©</b> 33'59	2.55281 AU
	2546 Jul 30 17:02	0∘ <b>ত</b>		morning rise	2551 Aug 01 20:07	24°9546'41	
	2546 Sep 16 09:23	0°M			2551 Aug 09 18:23	$0^{\circ}\Omega$	
desc. node	2546 Sep 19 09:18	1°M58'08			2551 Sep 25 11:26	O°Mp	
	2546 Oct 30 13:27	0°⊀			2551 Nov 13 07:30	0∘ <b>ত</b>	
evening set	2546 Nov 27 04:54	19° <b>∡¹</b> 48'50			2552 Jan 04 18:49	$0^{\circ}$ M	
	2546 Dec 11 00:35	ರ∘ರ			2552 Mar 13 10:50	0°⊀	
max. Earth dist.	2546 Dec 15 10:06	3° <b>ප</b> 16'36	2.41493 AU	retrograde	2552 Apr 10 09:04	4° <b>渘</b> 09'10	
	2547 Jan 19 12:38	0° <b>≈</b>			2552 May 06 05:14	30°RM	
				desc. node	2552 May 11 05:25	28°M22'08	
conjunction	2547 Jan 23 17:00	3° <b>≈</b> 14'23	-1°01'11	opposition	2552 May 16 13:32	26°M28'29	-0°14'28
minimum elong	2547 Jan 23 15:25	3° <b>≈</b> 11'20	1°01'10	greatest brilliancy	2552 Nov 14 01:11	29° <b>る</b> 30'24	0.3m
	2547 Feb 26 21:18	0° <b>₩</b>		min. Earth dist.	2552 May 24 07:55	23°M38'40	0.54506 AU
morning rise	2547 Mar 31 23:35	26° <b>)</b> €04'25		direct	2552 Jun 25 07:23	17° <b>™</b> 09'03	
	2547 Apr 05 23:41	$0^{\circ}$ Y			2552 Aug 12 17:51	0° <b>∡</b>	
	2547 May 14 16:59	$9^{\circ}$ 8			2552 Oct 03 09:14	0°ಕ	
	2547 Jun 23 21:41	$\Pi^{\circ}0$			2552 Nov 14 17:10	0° <b>≈</b>	
asc. node	2547 Jul 21 22:01	19° <b>∏</b> 59'15			2552 Dec 24 08:21	0° <b>∀</b>	
	2547 Aug 05 10:10	0°©			2553 Feb 01 11:23	0° <b>Υ</b>	
	2547 Sep 20 09:03	0° <b>N</b>		asc. node	2553 Mar 12 19:09	29° <b>Y</b> 35′26	
	2547 Nov 12 00:10	0° <b>m</b> )			2553 Mar 13 08:25	8°0	
retrograde	2548 Jan 22 20:04	22° m/21'15	4017141	. ,	2553 Apr 23 18:07	0°Ⅱ 27°Ⅲ20120	
opposition	2548 Mar 02 21:56			evening set	2553 Jun 02 14:23 2553 Jun 06 01:16	27° <b>Ⅲ</b> 39′20 0° <b>©</b>	
greatest brilliancy	2548 Mar 02 23:47	12° m 42'00	-1.3m				
min. Earth dist.	2548 Mar 03 13:35 2548 Apr 12 21:44	12° Mp 28'16	0.67825 AU		2553 Jul 21 04:06	$0$ $^{\circ}\Omega$	
direct	2548 Jul 04 15:54	2° Mp 51'15 0° <u> </u>		conjunction	2553 Jul 24 03:00	1° <b>Ω</b> 55'42	1003'10
desc. node	2548 Aug 06 08:22	0 <b>=</b> 18° <b>£</b> 18'54		minimum elong	2553 Jul 24 03:00 2553 Jul 24 02:00	1° <b>Ω</b> 54'03	1°03'10
dese. Hode	2548 Aug 25 11:03	0°ML		max. Earth dist.	2553 Aug 07 17:15		2.64135 AU
	2548 Oct 09 18:46	0° <b>∡</b> 7		max. Larur dist.	2553 Sep 05 17:03	0° Mp	2.04133 AO
	2548 Nov 20 11:02	0°ਤ		morning rise	2553 Sep 09 11:24	2° m 23'52	
	2548 Dec 29 20:11	0° <b>≈</b>			2553 Oct 23 04:09	0∘ <b>ʊ</b>	
evening set	2549 Jan 27 00:54	22°≈06'42			2553 Dec 10 08:25	0°M	
8	2549 Feb 06 00:23	0° <b>)</b> €			2554 Jan 28 19:23	0°×7	
	2549 Mar 16 00:03	$_0$ ° $\boldsymbol{\gamma}$			2554 Mar 23 03:19	8°0	
				desc. node	2554 Mar 29 04:54	3° <b>る</b> 06'29	
conjunction	2549 Apr 05 08:02	15° <b>Ƴ</b> 52'06	-0°39'44	retrograde	2554 Jun 11 01:45	26° <b>る</b> 30'15	
minimum elong	2549 Apr 05 11:11	15° <b>Ƴ</b> 58'13	0°39'42	opposition	2554 Jul 12 18:25	20° <b>る</b> 51'39	-5°18'50
	2549 Apr 23 17:13	$_{0\circ}$ 8		greatest brilliancy	2554 Jul 14 01:10	20° <b>る</b> 28'38	-2.6m
max. Earth dist.	2549 May 27 06:00	25° <b>8</b> 06'25	2.42173 AU	min. Earth dist.	2554 Jul 19 21:10	18° <b>る</b> 44'37	0.41478 AU
	2549 Jun 02 22:32	$\Pi$ $^{\circ}0$		direct	2554 Aug 15 16:56	14° <b>る</b> 13'17	
asc. node	2549 Jun 07 20:05	3° <b>Ⅱ</b> 33'23			2554 Oct 07 01:42	0° <b>≈</b>	
morning rise	2549 Jun 11 13:44	6° <b>Ⅱ</b> 15'13			2554 Nov 24 21:44	0° <b>∀</b>	
	2549 Jul 15 06:00	0ංම			2555 Jan 06 22:55	0° <b>Υ</b>	
	2549 Aug 29 01:22	$0^{\circ}\Omega$		asc. node	2555 Jan 28 17:25	15° <b>Y</b> 25'33	
	2549 Oct 15 23:10	0° <b>m</b> )			2555 Feb 18 09:23	0°8	
	2549 Dec 08 09:39	0° <b>⊽</b>			2555 Apr 02 17:00	0°∏	
retrograde	2550 Feb 26 20:34	25° <b>£</b> 55'09	204010.7		2555 May 17 10:43	0° <b>©</b>	
opposition	2550 Apr 06 17:38	17° <b>Ω</b> 00'48	2°49'05	avanist	2555 Jul 02 12:47	0°Ω 8°Ω25142	
greatest brilliancy	2550 Apr 11 05:25	16° <b>Ω</b> 49'52	-1.4m	evening set	2555 Jul 15 22:14	8° <b>Ω</b> 35'42	
min. Earth dist. direct	2550 Apr 11 05:25 2550 May 18 04:12	15° <b>♀</b> 16'13 6° <b>♀</b> 59'25	0.64294 AU		2555 Aug 18 11:31	0° <b>m</b>	
desc. node	2550 Jun 24 06:39	14° <b>£</b> 18'12		conjunction	2555 Aug 31 16:31	8° m 24'10	1°06'44
desc. Houc	2550 Jul 29 05:14	0°M		minimum elong	2555 Aug 31 17:02	8° Mg 24'59	
	2000 var 27 00.14	U IIU		mmmum clong	2000 Hug 01 17.02	5 III 27 39	1 00 73

				_			
max. Earth dist.	2555 Aug 31 07:18		2.67612 AU	retrograde	2560 Dec 05 10:03	4° <b>Ω</b> 07'20	
	2555 Oct 04 14:18	0∘ <b>⊽</b>			2560 Dec 29 18:10	30°ષ્	
morning rise	2555 Oct 15 04:25	6° <b>≏</b> 46'09		min. Earth dist.	2561 Jan 09 11:59	26° <b>©</b> 03'56	0.61761 AU
	2555 Nov 20 07:05	0° <b>M</b>		greatest brilliancy	2561 Jan 13 11:48	24° <b>©</b> 28'31	-1.6m
	2556 Jan 05 07:34	0° <b>∡</b> ¹		opposition	2561 Jan 14 05:20	24° <b>©</b> 11'01	4°08'59
desc. node	2556 Feb 14 03:42	26° <b>∡</b> 18'55		direct	2561 Feb 21 05:59	15° <b>©</b> 18'01	
	2556 Feb 19 16:55	0°ප			2561 Apr 19 06:45	$0^{\circ}\Omega$	
	2556 Apr 04 19:47	0° <b>≈</b>			2561 Jun 17 15:34	0° <b>m</b> y	
	2556 May 20 18:12	0° <b>∀</b>			2561 Aug 07 14:38	0∘ <b>⊽</b>	
	2556 Jul 11 16:14	$0^{\circ}$ Y			2561 Sep 23 16:15	0° <b>M</b>	
retrograde	2556 Aug 29 11:15	13° <b>Y</b> 41'09		desc. node	2561 Oct 06 01:03	8° <b>M</b> 13'49	
min. Earth dist.	2556 Sep 25 08:13	9° <b>Ƴ</b> 13'48	0.38406 AU		2561 Nov 06 17:39	0° <b>∡</b> ¹	
opposition	2556 Sep 30 06:13	7° <b>Ƴ</b> 49'49	-4°47'23	evening set	2561 Nov 07 22:26	0° <b>∡</b> ¹50'35	
greatest brilliancy	2556 Sep 29 14:29	8° <b>Y</b> 01'04	-2.9m	max. Earth dist.	2561 Nov 22 06:28	11° <b>∡</b> °01′33	2.46674 AU
direct	2556 Oct 30 01:09	2° <b>Y</b> '41'00			2561 Dec 18 07:03	0° <b>ට</b>	
asc. node	2556 Dec 15 17:00	14° <b>Y</b> '33'17					
	2557 Jan 15 10:37	0°8		conjunction	2561 Dec 31 02:27	9° <b>ට</b> 33'16	-0°47'19
	2557 Mar 07 10:12	0°Щ		minimum elong	2561 Dec 31 00:29	9° <b>ට</b> 29'34	
	2557 Apr 24 21:41	0°©			2562 Jan 26 23:13	0° <b>≈</b>	
	2557 Jun 12 01:41	$0^{\circ}\Omega$		morning rise	2562 Mar 02 03:04	26° <b>≈</b> 34'32	
	2557 Jul 30 02:03	0° m)		morning rise	2562 Mar 06 11:48	0° <b>∀</b>	
evening set	2557 Aug 21 15:53	14° <b>m</b> ) 13'12			2562 Apr 13 16:53	0° <b>Υ</b>	
evening set	2557 Sep 15 11:14	0° <b>⊽</b>			2562 May 22 11:47	%8 0°B	
max. Earth dist.	*		2.65641 AU		•	0°U	
max. Earth dist.	2557 Sep 22 14:00	4° <b>£</b> 33'51	2.03041 AU	aga mada	2562 Jul 01 18:28 2562 Aug 07 13:51	25° <b>耳</b> 56'03	
	2557.0 + 06.00.41	120 0 1 4122	0044152	asc. node			
conjunction	2557 Oct 06 00:41	13° <b>Ω</b> 14'33			2562 Aug 13 13:48	0°©	
minimum elong	2557 Oct 06 01:47	13° <b>≏</b> 16'20	0°44'52		2562 Sep 29 15:05	$\Omega^{\circ}$	
	2557 Oct 31 15:40	0°M			2562 Nov 27 08:06	0° m/	
morning rise	2557 Nov 19 20:50	12° <b>™</b> 46'36		retrograde	2563 Jan 09 13:20	9°m/38'19	
	2557 Dec 15 07:25	0° <b>∡</b> ¹		opposition	2563 Feb 18 18:43	29° <b>Ω</b> 50′03	4°31'36
desc. node	2558 Jan 01 02:39	11° <b>∡</b> ³34'32		min. Earth dist.	2563 Feb 17 21:56	0° mg 10'50	0.67399 AU
	2558 Jan 27 09:15	0°る			2563 Feb 18 08:46	30°R <b>Ω</b>	
	2558 Mar 10 01:45	0° <b>≈</b>		greatest brilliancy	2563 Feb 18 14:47	29° <b>Ω</b> 53'59	-1.3m
	2558 Apr 19 18:17	0° <b>ℋ</b>		direct	2563 Mar 31 04:28	20° <b>Ω</b> 08'48	
	2558 May 30 05:34	$0$ ° $\Upsilon$			2563 May 15 12:10	0° <b>m</b> y	
	2558 Jul 11 00:42	0°B			2563 Jul 16 02:45	0∘ <b>ত</b>	
	2558 Aug 27 11:09	$\Pi$ $^{\circ}0$		desc. node	2563 Aug 23 23:24	23° <b>₽</b> 12'19	
retrograde	2558 Oct 26 06:02	19° <b>Ⅲ</b> 38'51			2563 Sep 03 16:27	0° <b>M</b>	
asc. node	2558 Nov 02 16:35	19° <b>Ⅱ</b> 14'24			2563 Oct 18 09:59	0° <b>∡</b> ¹	
min. Earth dist.	2558 Nov 24 21:51	13° <b>Ⅲ</b> 34'10	0.50291 AU		2563 Nov 28 23:01	8°0	
opposition	2558 Dec 02 20:51	10° <b>Ⅱ</b> 37'33	1°33'59	evening set	2564 Jan 01 12:55	25° <b>る</b> 29'32	
greatest brilliancy	2558 Dec 02 08:41	10° <b>Ⅱ</b> 48'51	-2.2m		2564 Jan 07 08:40	0° <b>≈</b>	
direct	2559 Jan 06 03:35	3° <b>Ⅱ</b> 14′03			2564 Feb 14 14:00	0° <b>∀</b>	
	2559 Mar 27 17:24	0°€					
	2559 May 21 04:49	$0^{\circ}\Omega$		conjunction	2564 Mar 06 20:52	16° <b>¥</b> 49'50	-0°59'27
	2559 Jul 10 17:27	0° <b>m</b> )		minimum elong	2564 Mar 06 23:19	16° <b>¥</b> 54'40	0°59'25
	2559 Aug 28 02:11	0∘ <u>v</u>		· ·	2564 Mar 23 13:54	0° <b>Υ</b>	
evening set	2559 Sep 27 22:19	19° <b>≏</b> 50'16		max. Earth dist.	2564 Apr 08 20:11	12° <b>Ƴ</b> 42'59	2.37478 AU
S	2559 Oct 13 08:36	o°M.			2564 May 01 06:05	0°8	
max. Earth dist.	2559 Oct 18 10:34		2.58397 AU	morning rise	2564 May 16 16:16	11° <b>8</b> 41'16	
					2564 Jun 10 09:37	0°II	
conjunction	2559 Nov 13 22:17	21°M19'47	0°03'03	asc. node	2564 Jun 24 13:56	10° <b>Ⅱ</b> 15'05	
minimum elong	2559 Nov 13 22:25	21°M20'01	0°03'04	use. noue	2564 Jul 22 16:29	0.2 2	
behind sun begin	2559 Nov 13 02:31	20°M45'50	0 03 0 1		2564 Sep 05 17:16	0° <b>U</b>	
behind sun end	2559 Nov 14 18:20	21°M54'14			2564 Oct 24 15:56	0° mp	
desc. node	2559 Nov 19 02:16	24°M53'29			2564 Dec 22 04:18	ەر 20° <u>0</u>	
desc. Hode		0° <b>√</b>		ratragrada			
morning rise	2559 Nov 26 10:49			retrograde	2565 Feb 12 08:48	12° <b>Ω</b> 49'23	2022146
morning rise	2560 Jan 02 03:17	26°ダ06'32 0°る		opposition	2565 Mar 23 20:25	3° <b>Ω</b> 35'19	
	2560 Jan 07 11:36			greatest brilliancy	2565 Mar 24 05:26	3° <b>Ω</b> 26'27	-1.3m
	2560 Feb 16 19:50	0° <b>≈</b>		min. Earth dist.	2565 Mar 26 20:33	2° <b>Ω</b> 24'25	0.66458 AU
	2560 Mar 27 00:46	0° <b>)</b> €		t:	2565 Apr 02 03:23	30°R, M) 220 m-22120	
	2560 May 04 20:20	0°Υ •••		direct	2565 May 04 07:09	23° m/33'20	
	2560 Jun 13 05:37	0° <b>B</b>			2565 Jun 08 08:39	0° <b>⊽</b>	
	2560 Jul 24 11:51	0° <b>I</b> I		desc. node	2565 Jul 10 22:14	13° <b>≏</b> 43'06	
_	2560 Sep 08 01:02	0°©			2565 Aug 09 23:43	0° <b>™</b>	
asc. node	2560 Sep 19 14:20	6°5549'41			2565 Sep 26 08:13	0° <b>∡</b> ¹	
	2560 Nov 09 08:27	$0 {\circ} \Omega$			2565 Nov 07 15:23	0°₹	

	2565 Dec. 17, 05:22	0° <b>≈</b>			2570 Aug 25 06:20	0° <b>m</b> )	
	2565 Dec 17 05:23	0° <b>∺</b>			2570 Aug 25 06:29		
	2566 Jan 24 11:39			morning rise	2570 Oct 01 10:01	23° m/ 37'49	
	2566 Mar 03 13:32	0° <b>Υ</b>			2570 Oct 11 10:35	0° <b>™</b>	
evening set	2566 Mar 12 10:36	6° <b>Y</b> 55'48			2570 Nov 27 13:36	0° <b>M</b> ₊	
	2566 Apr 11 10:11	0° <b>8</b>			2571 Jan 13 12:44	0° <b>∡</b> ′	
asc. node	2566 May 12 12:22	23° <b>8</b> 12'43			2571 Mar 01 16:35	0°₹	
				desc. node	2571 Mar 02 20:00	0° <b>る</b> 43'13	
conjunction	2566 May 16 20:46	26° <b>8</b> 23'41	0°02'52		2571 Apr 19 06:02	0° <b>≈</b>	
minimum elong	2566 May 16 20:34	26° <b>8</b> 23'21	0°02'52		2571 Jun 13 23:00	0° <b>ℋ</b>	
behind sun begin	2566 May 15 18:47	25° <b>8</b> 36'16		retrograde	2571 Jul 30 22:37	11° <b>) €</b> 58'47	
behind sun end	2566 May 17 22:22	27° <b>8</b> 10'22		opposition	2571 Aug 30 02:07	6° <b>∺</b> 59'42	-6°41'30
	2566 May 21 19:39	$\Pi$ $^{\circ}0$		greatest brilliancy	2571 Aug 30 06:25	6° <b>∺</b> 56'52	-2.9m
max. Earth dist.	2566 Jun 27 15:15	26° <b>Ⅱ</b> 07'35	2.50503 AU	min. Earth dist.	2571 Aug 30 05:58	6° <b>升</b> 57'10	0.37238 AU
	2566 Jul 03 05:42	$0$ $\circ$ $\odot$		direct	2571 Sep 28 19:21	2° <b>)</b> 02′29	
morning rise	2566 Jul 14 20:04	7° <b>©</b> 56'28			2571 Dec 14 02:45	$0$ $^{\circ}$ $\mathbf{\Upsilon}$	
	2566 Aug 16 21:14	$0^{\circ}\Omega$		asc. node	2572 Jan 02 08:55	11° <b>Y</b> 32'01	
	2566 Oct 02 20:43	0° <b>m</b> )			2572 Jan 31 14:50	0°8	
	2566 Nov 21 19:01	0∘ <b>⊽</b>			2572 Mar 17 21:47	$0^{\circ}\Pi$	
	2567 Jan 17 12:23	0° <b>M</b>			2572 May 03 09:09	0ංම	
retrograde	2567 Mar 24 00:21	18°ML27'48			2572 Jun 19 12:18	0°N	
opposition	2567 Apr 30 11:14	10°ML13'13	1°10'41		2572 Aug 06 00:10	0° <b>m</b> )	
greatest brilliancy	2567 Apr 30 18:55	10°ML06'00	-1.7m	evening set	2572 Aug 07 07:07	0° Mp 48'56	
min. Earth dist.	2567 May 07 02:29	7° <b>M</b> L43'14	0.59014 AU	max. Earth dist.	2572 Sep 13 09:25		2.67078 AU
desc. node	•	1°M29'15	0.39014 AU	max. Earth dist.	2372 Sep 13 09.23	24 HJ 21 24	2.07078 AU
direct	2567 May 28 20:53	0°M27'48		amiumation	2572 San 21 20:20	200 m 45150	0°56'00
direct	2567 Jun 10 05:10			conjunction	2572 Sep 21 20:29	29° My 45'50	
	2567 Aug 30 09:45	0° <b>∡</b>		minimum elong	2572 Sep 21 21:31	29° m/47'29	0°55'59
	2567 Oct 15 09:11	ව°0 0° <b>ට</b>			2572 Sep 22 05:21	0° <b>⊽</b>	
	2567 Nov 25 06:22	0° <b>≈</b>		morning rise	2572 Nov 05 03:56	28° <b>≏</b> 26'06	
	2568 Jan 03 05:01	0° <b>∺</b>			2572 Nov 07 13:13	0° <b>M</b> ₊	
	2568 Feb 10 20:08	0°Υ			2572 Dec 22 15:15	0° <b>∡</b> ¹	
	2568 Mar 21 06:35	0° <b>8</b>		desc. node	2573 Jan 17 18:35	17° <b>∡</b> ¹48'35	
asc. node	2568 Mar 29 10:58	6° <b>8</b> 05'39			2573 Feb 04 09:46	0°ಕ	
	2568 May 01 06:27	$\Pi^{\circ}0$			2573 Mar 19 00:29	0° <b>≈</b>	
evening set	2568 May 13 17:27	8° <b>Ⅱ</b> 50'57			2573 Apr 29 20:43	0° <b>ℋ</b>	
	2568 Jun 13 05:09	0°€			2573 Jun 10 22:31	$0$ ° $\mathbf{\Upsilon}$	
					2573 Jul 26 02:42	$9^{\circ}$ 8	
conjunction	2568 Jul 07 07:53	16°916'04	0°53'26	retrograde	2573 Oct 06 14:22	27° <b>8</b> 30'49	
minimum elong	2568 Jul 07 06:19	16° <b>©</b> 13'28	0°53'26	min. Earth dist.	2573 Nov 03 04:39	22° <b>8</b> 18'05	0.44981 AU
	2568 Jul 28 02:25	$0^{\circ}\Omega$		opposition	2573 Nov 11 10:58	19° <b>8</b> 27'58	-0°27'44
max. Earth dist.	2568 Jul 28 12:58	0° <b>Ω</b> 17'18	2.61300 AU	greatest brilliancy	2573 Nov 11 07:46	19° <b>8</b> 30'43	-2.5m
morning rise	2568 Aug 25 19:43	18° <b>Ω</b> 37'48		asc. node	2573 Nov 19 07:54	16° <b>8</b> 53'22	
	2568 Sep 12 14:51	0° m		direct	2573 Dec 13 19:38	12° <b>8</b> 56'11	
	2568 Oct 30 10:22	0∘ <del>⊽</del>			2574 Feb 11 12:41	$\Pi^{\circ}0$	
	2568 Dec 18 16:59	0° <b>M</b>			2574 Apr 08 21:37	0°©	
	2569 Feb 09 04:16	0° <b>∡</b> ¹			2574 May 29 20:41	$0^{\circ}\Omega$	
desc. node	2569 Apr 14 19:54	28° <b>х</b> 46'40			2574 Jul 18 03:16	0° <b>m</b> )	
dese. node	2569 Apr 19 05:10	0°ਰ ਹਾ			2574 Sep 04 00:22	0∘ <mark>ಹ</mark>	
retrograde	2569 May 14 19:37	3° <b>云</b> 36'24		evening set	2574 Sep 13 05:30	5° <b>≏</b> 53'27	
retrograde	2569 Jun 08 02:36	30°R <i>≯</i> 7		max. Earth dist.	2574 Oct 07 22:56		2.61841 AU
opposition	2569 Jun 17 11:31	27° <b>₹</b> 04'37	3011'14	max. Larm dist.	2574 Oct 07 22:30 2574 Oct 20 04:50	0°M	2.01041 AC
greatest brilliancy	2569 Jun 17 11:31 2569 Jun 18 10:06	26° <b>×</b> <sup>7</sup> 45'50			2374 OCT 20 04.30	O IIG	
min. Earth dist.	2569 Jun 25 20:46	24° 🖈 18'11	-2.5III 0.46465 AU	amiumation	2574 Oct 29 03:59	5° <b>M</b> 58'10	0021111
			0.40403 AU	conjunction			
direct	2569 Jul 24 07:03	19° <b>₹</b> 05'16		minimum elong	2574 Oct 29 04:41	5°M59'22	0°21'11
	2569 Sep 05 02:59	6°0			2574 Dec 03 11:15	0° <b>∡</b> 7	
	2569 Oct 26 12:24	0° <b>≈</b>		desc. node	2574 Dec 05 17:08	1° <b>∡</b> 733′27	
	2569 Dec 07 22:00	0° <b>∀</b>		morning rise	2574 Dec 14 24:00	8° <b>∡</b> '02'17	
	2570 Jan 17 14:04	0° <b>Υ</b>			2575 Jan 14 20:22	0°ಕ	
asc. node	2570 Feb 14 10:31	20° <b>Y</b> 27'11			2575 Feb 24 15:04	0° <b>≈</b>	
	2570 Feb 27 14:24	0°8			2575 Apr 05 06:55	0° <b>∺</b>	
	2570 Apr 10 22:07	$\Pi^{\circ}0$			2575 May 14 13:05	0° <b>Υ</b>	
	2570 May 24 22:34	0ංම			2575 Jun 23 11:02	$0^{\circ}S$	
evening set	2570 Jun 30 01:42	23° <b>©</b> 50'10			2575 Aug 04 17:56	$\Pi^{\circ}0$	
	2570 Jul 09 13:14	$0^{\circ}\Omega$			2575 Sep 22 22:29	$0$ $\circ$ $\odot$	
				asc. node	2575 Oct 07 07:50	7° <b>5</b> 01'38	
conjunction	2570 Aug 17 05:14	24° <b>Ω</b> 51'44	1°08'42	retrograde	2575 Nov 21 13:22	18° <b>5</b> 35'19	
minimum elong	2570 Aug 17 05:14	24° <b>Ω</b> 51'43	1°08'42	min. Earth dist.	2575 Dec 24 14:43	11° <b>©</b> 14'01	0.57823 AU
max. Earth dist.	2570 Aug 22 11:48	28° <b>Ω</b> 13'40	2.66912 AU	opposition	2575 Dec 30 18:29	8°5549'01	3°30'10
	-						

greatest brilliancy	2575 Dec 29 22:48	9° <b>5</b> 08'23	-1.8m	conjunction	2581 Apr 21 03:15	1° <b>8</b> 40'38	-0°24'42
direct	2576 Feb 05 11:45	0° <b>©</b> 24'53	-1.0111	minimum elong	2581 Apr 21 05:15 2581 Apr 21 05:22	1° <b>8</b> 44'40	
uncet	2576 May 03 05:15	0°Ω		asc. node	2581 May 29 04:58	0° <b>П</b> 01'36	0 2441
	2576 Jun 26 10:35	0° <b>m</b> )		ase. node	2581 May 29 04:05	0°II	
	2576 Aug 15 02:08	0∘ <b>⊽</b>		max. Earth dist.	2581 Jun 09 17:11		2.45171 AU
	2576 Sep 30 18:06	0°M		morning rise	2581 Jun 24 10:40	18° <b>∏</b> 49'34	2.10171110
evening set	2576 Oct 21 15:32	14° <b>M</b> 01'19			2581 Jul 10 11:01	0°9	
desc. node	2576 Oct 22 16:12	14° <b>M</b> 43'19			2581 Aug 24 03:18	$0^{\circ}\Omega$	
max. Earth dist.	2576 Nov 06 03:33	24°M40'29	2.51668 AU		2581 Oct 10 13:55	0° <b>m</b> )	
	2576 Nov 13 18:49	0° <b>∡</b> ¹			2581 Dec 01 07:06	0∘ <b>⊽</b>	
					2582 Feb 07 17:50	0° <b>M</b> ₊	
conjunction	2576 Dec 10 16:09	19° <b>х</b> 10′03	-0°28'28	retrograde	2582 Mar 07 14:55	4°ML08'36	
minimum elong	2576 Dec 10 14:52	19° <b>∡</b> 07'44	0°28'28		2582 Apr 02 06:58	30° <b>₹</b> Ω	
	2576 Dec 25 11:49	0°ප		opposition	2582 Apr 15 01:02	25° <b>≏</b> 27'00	2°17'23
morning rise	2577 Feb 03 22:11	0° <b>≈</b> 24'35		greatest brilliancy	2582 Apr 15 12:10	25° <b>≙</b> 16'17	-1.5m
	2577 Feb 03 09:20	0° <b>≈</b>		min. Earth dist.	2582 Apr 20 07:55	23° <b>≏</b> 24'52	0.62657 AU
	2577 Mar 14 03:21	0° <b>∀</b>		direct	2582 May 26 07:33	15° <b>≏</b> 28'44	
	2577 Apr 21 12:49	0° <b>Υ</b>		desc. node	2582 Jun 14 12:34	17° <b>≙</b> 39'42	
	2577 May 30 11:20	0° <b>X</b>			2582 Jul 19 13:53	0° <b>M</b> ○	
	2577 Jul 09 23:09	0° <b>I</b> I			2582 Sep 10 23:44	0° <b>⊼</b>	
,	2577 Aug 22 08:00	0°95			2582 Oct 24 19:26	5°0	
asc. node	2577 Aug 24 06:58	1°517'14			2582 Dec 03 23:04	0° <b>≈</b> 0° <b>∀</b>	
ratragrada	2577 Oct 10 11:59 2577 Dec 27 05:03	0°Ω 26°Ω33'27			2583 Jan 11 12:39 2583 Feb 18 20:37	0° <b>Υ</b>	
retrograde min. Earth dist.	2577 Bec 27 03:03 2578 Feb 03 00:20	17° <b>Ω</b> 35'36	0.65948 AU		2583 Feb 18 20.57 2583 Mar 29 23:53	0°8	
opposition	2578 Feb 05 00:20 2578 Feb 05 09:42	16° <b>Ω</b> 38'03		asc. node	2583 Apr 16 03:29	12° <b>8</b> 48'30	
greatest brilliancy	2578 Feb 04 23:48	16° <b>Ω</b> 48'00		evening set	2583 Apr 22 07:19	17° <b>8</b> 21'06	
direct	2578 Mar 17 00:35	7° <b>Ω</b> 12'14	1.4111	evening set	2583 May 09 16:31	0°II	
uncet	2578 May 31 00:14	0° mp			2303 May 07 10.31	• 1	
	2578 Jul 25 03:42	0∘ <u>v</u>		conjunction	2583 Jun 19 19:56	28° <b>I</b> 57'06	0°38'13
desc. node	2578 Sep 09 14:49	28° <b>Ω</b> 49'12		minimum elong	2583 Jun 19 18:10	28° <b>Ⅱ</b> 54'05	
	2578 Sep 11 10:24	o°M.		C	2583 Jun 21 08:34	0°©	
	2578 Oct 25 19:31	0°⊀		max. Earth dist.	2583 Jul 18 12:21	18° <b>5</b> 22'38	2.57641 AU
	2578 Dec 06 07:43	8°0			2583 Aug 05 01:47	$0^{\circ}\Omega$	
evening set	2578 Dec 09 03:08	2° <b>る</b> 05'33		morning rise	2583 Aug 11 06:16	4° <b>Ω</b> 03'09	
max. Earth dist.	2579 Jan 03 14:16	21° <b>る</b> 21'59	2.38928 AU		2583 Sep 20 15:39	0° <b>m</b> )	
	2579 Jan 14 19:07	0° <b>≈</b>			2583 Nov 08 00:19	0∘ <b>⊽</b>	
					2583 Dec 28 23:45	0° <b>M</b> .	
conjunction	2579 Feb 07 10:18	18° <b>≈</b> 26'44			2584 Feb 25 19:05	0° <b>∡</b> ¹	
minimum elong	2579 Feb 07 09:52	18° <b>≈</b> 25'52	1°04'38	retrograde	2584 Apr 21 20:49	14° <b>∡</b> 19'42 −	
	2579 Feb 22 02:29	0° <b>)</b> €		desc. node	2584 May 01 11:53	13° <b>∡</b> ⁴44'33	
	2579 Apr 01 03:26	0°Υ 13° <b>W</b> 2 432		opposition	2584 May 27 05:15	7° 🗷 00'53	
morning rise	2579 Apr 18 07:12	13° <b>Y</b> 24'33		greatest brilliancy	2584 May 27 14:02	6° ₹ 53'05	
	2579 May 09 19:31	0°B 0°B		min. Earth dist.	2584 Jun 04 09:57 2584 Jun 18 08:09		0.51743 AU
aca mada	2579 Jun 18 22:42 2579 Jul 12 05:20	0 H 16°H42'49		direct	2584 Jul	30°RM 28°M03'12	
asc. node	2579 Jul 31 07:19	10 <b>П</b> 4249		unect	2584 Jul 22 10:50	28 11 <b>c</b> 03 12 0° <b>√</b>	
	2579 Sep 14 18:48	0°N			2584 Sep 25 05:04	0°ਤ ਹ ×	
	2579 Nov 04 12:52	0° m)			2584 Nov 08 03:32	0° <b>≈</b>	
	2580 Jan 26 22:33	0∘ <u>v</u>			2584 Dec 18 10:16	0° <b>)</b> €	
retrograde	2580 Jan 30 14:12	0° <b>Ω</b> 04'54			2585 Jan 26 22:30	0° <b>Υ</b>	
, and the second	2580 Feb 03 04:37	30°R <b>™</b> )		asc. node	2585 Mar 03 01:34	26° <b>Ƴ</b> 17'15	
opposition	2580 Mar 10 11:47	20° <b>m</b> 34'57	4°04'22		2585 Mar 08 02:31	$9^{\circ}$ 8	
greatest brilliancy	2580 Mar 10 16:34	20° Mp 30'12	-1.3m		2585 Apr 18 18:07	$\Pi$ °0	
min. Earth dist.	2580 Mar 11 23:39	19° <b>m</b> 59'22	0.67611 AU		2585 Jun 01 05:52	0ංම	
direct	2580 Apr 20 16:33	10° Mp 37'53		evening set	2585 Jun 13 01:18	7° <b>9</b> 55'58	
	2580 Jun 26 12:38	0∘ <b>亚</b>			2585 Jul 16 11:55	$0^{\circ}\Omega$	
desc. node	2580 Jul 27 13:10	16° <b>≏</b> 18'52				_	
	2580 Aug 19 16:36	0°M		conjunction	2585 Aug 02 04:09	10° <b>Ω</b> 49'19	1°06'31
	2580 Oct 04 15:12	0° ⊀ <sup>7</sup>		minimum elong	2585 Aug 02 03:31	10° <b>Ω</b> 48'18	1°06'31
	2580 Nov 15 12:36	% ප		max. Earth dist.	2585 Aug 13 06:49	17° <b>Ω</b> 58'46	2.65373 AU
	2580 Dec 24 23:40	0° <b>≈</b>			2585 Sep 01 01:31	0° M)	
	2581 Feb 01 04:39	0° <b>)</b> (		morning rise	2585 Sep 17 13:56	10° m/30'38	
evening set	2581 Feb 11 21:41	8° <b>)</b> 28′24 0° <b>Υ</b>			2585 Oct 18 09:06	0° <b>ሆ</b> 0° <b>亚</b>	
	2581 Mar 11 04:42 2581 Apr 18 22:20	0°Y			2585 Dec 05 02:33 2586 Jan 22 10:51	0°แเ 0° <b>∡</b> 7	
	2301 Apr 10 22.20	υ <b>Ο</b>			2586 Mar 13 16:35	0° <b>ਠ</b>	
					2500 14101 15 10.55	ÿ <b>O</b>	

		_					
desc. node	2586 Mar 19 10:39	3° <b>る</b> 16'58			2591 May 14 22:59	$0$ $\circ$ $\Omega$	
	2586 May 10 21:28	0° <b>≈</b>			2591 Jul 05 12:36	0° <b>m</b> y	
retrograde	2586 Jun 28 08:43	11° <b>≈</b> 51′10			2591 Aug 23 07:03	0∘ <b>⊽</b>	
opposition	2586 Jul 29 00:40	6° <b>≈</b> 37'52	-6°17'50	evening set	2591 Oct 06 15:51	28° <b>≏</b> 38'38	
greatest brilliancy	2586 Jul 30 04:25	6° <b>≈</b> 18'18	-2.8m		2591 Oct 08 16:59	0° <b>M</b>	
min. Earth dist.	2586 Aug 03 08:20	5° <b>≈</b> 08'05	0.39290 AU	max. Earth dist.	2591 Oct 25 05:28	11° <b>M</b> 03'39	2.56186 AU
direct	2586 Aug 30 06:46	0° <b>≈</b> 45′26		desc. node	2591 Nov 09 07:24	21° <b>M</b> 20'47	
	2586 Nov 14 11:30	0° <b>)</b> €			2591 Nov 21 19:01	0° <b>∡</b> ¹	
	2586 Dec 30 09:08	$0^{\circ}\Upsilon$					
asc. node	2587 Jan 19 01:26	13° <b>Y</b> ′28'33		conjunction	2591 Nov 23 12:30	1° <b>∡</b> 12'29	-0°08'23
	2587 Feb 12 01:53	0°B		minimum elong	2591 Nov 23 12:09	1° <b>∡</b> 11'52	0°08'22
	2587 Mar 28 03:25	$\Pi^{\circ}0$		behind sun begin	2591 Nov 22 18:07	0° <b>∡</b> ′40′22	
	2587 May 12 08:18	0°ಅ		behind sun end	2591 Nov 24 06:11	1° <b>∡</b> ¹43'24	
	2587 Jun 27 17:33	$0^{\circ}\Omega$			2592 Jan 02 17:30	ರ°0	
evening set	2587 Jul 24 15:05	17° <b>Ω</b> 09'33		morning rise	2592 Jan 13 11:43	7° <b>る</b> 55'15	
<i>5</i> · · · ·	2587 Aug 13 20:04	0° m)		3	2592 Feb 11 22:05	0° <b>≈</b>	
max. Earth dist.	2587 Sep 05 12:17		2.67657 AU		2592 Mar 21 23:05	0° <b>)</b> €	
max. Darm dist.	2307 Sep 03 12.17	11 11/2130	2.07037110		2592 Apr 29 14:28	0°Υ	
conjunction	2587 Sep 08 19:49	16° m 30'58	1°03'48		2592 Jun 07 18:28	%8 0°8	
minimum elong	2587 Sep 08 20:35	16° Mp 32'11	1°03'48		2592 Jul 18 15:11	0°II	
minimum ciong	2587 Sep 08 20:35 2587 Sep 29 23:16	0° <b>∿</b>	1 03 40		2592 Sep 01 00:53	0°©	
marning rise	2587 Oct 23 02:39	0 <del>=</del> 14° <b>£</b> 50'54		aga mada	•	5° <b>©</b> 33'33	
morning rise				asc. node	2592 Sep 09 22:48		
	2587 Nov 15 12:30	0°M		. 1	2592 Oct 25 01:22	0°Ω	
	2587 Dec 31 03:51	0° द्र <sup>7</sup>		retrograde	2592 Dec 13 12:49	12°Ω51'10	0.62516.411
desc. node	2588 Feb 04 09:40	23° <b>₹</b> 35'51		min. Earth dist.	2593 Jan 18 14:53	4°Ω27'04	
	2588 Feb 13 20:57	0°ರ		opposition	2593 Jan 22 12:41	2° <b>Ω</b> 53'12	4°22'51
	2588 Mar 28 20:50	0° <b>≈</b>		greatest brilliancy	2593 Jan 21 21:23	3° <b>Ω</b> 08'31	-1.5m
	2588 May 11 18:12	0° <b>∀</b>			2593 Jan 29 22:46	30°ષ્દ્	
	2588 Jun 26 15:56	0° <b>Υ</b>		direct	2593 Mar 02 03:59	23° <b>©</b> 47'07	
	2588 Sep 01 16:42	0°8			2593 Apr 05 23:17	$0$ $\circ$ $\Omega$	
retrograde	2588 Sep 13 09:25	0° <b>8</b> 58'30			2593 Jun 11 05:46	0° <b>m</b> ∕	
	2588 Sep 25 02:42	30° <b>ŖƳ</b>			2593 Aug 02 09:09	0∘ <b>⊽</b>	
min. Earth dist.	2588 Oct 09 23:35	26° <b>Ƴ</b> 24'06	0.40284 AU		2593 Sep 18 20:20	0° <b>M</b>	
opposition	2588 Oct 16 18:42	24° <b>Y</b> 18'55	-3°10'29	desc. node	2593 Sep 26 06:28	4° <b>ጤ</b> 54'07	
greatest brilliancy	2588 Oct 16 02:28	24° <b>Y</b> 31'25	-2.8m		2593 Nov 02 00:33	0° <b>∡</b> 7	
direct	2588 Nov 16 06:15	18° <b>Ƴ</b> 43'35		evening set	2593 Nov 18 14:30	11° <b>∡</b> 746′17	
asc. node	2588 Dec 06 01:24	21° <b>Y</b> ′09'16		max. Earth dist.	2593 Dec 04 04:17	23° <b>∡</b> °04'16	2.43779 AU
	2589 Jan 01 02:39	0°8			2593 Dec 13 13:49	0°₹	
	2589 Feb 27 17:04	$\Pi^{\circ}0$					
	2589 Apr 18 23:03	$0$ $\circ$ $\mathfrak{S}$		conjunction	2594 Jan 13 00:49	22° <b>る</b> 58'03	-0°56'12
	2589 Jun 06 21:44	$0^{\circ}\Omega$		minimum elong	2594 Jan 12 22:52	22° <b>る</b> 54'19	0°56'11
	2589 Jul 25 07:11	0° m/			2594 Jan 22 04:25	0° <b>≈</b>	
evening set	2589 Aug 29 20:31	22° m/22'01			2594 Mar 01 15:13	0° <b>)</b> €	
C	2589 Sep 10 20:10	0∘ <u>⊽</u>		morning rise	2594 Mar 18 14:50	13° <b>¥</b> 22'16	
max. Earth dist.	2589 Sep 28 02:24	11° <b>≏</b> 05'30	2.64518 AU	Č	2594 Apr 08 18:37	0° <b>Υ</b>	
					2594 May 17 11:54	0°8	
conjunction	2589 Oct 14 07:00	21° <b>≙</b> 37'18	0°36'58		2594 Jun 26 16:16	0°II	
minimum elong	2589 Oct 14 08:02	21° <b>△</b> 39'00		asc. node	2594 Jul 28 22:26	22° <b>I</b> 55'51	
minimum viong	2589 Oct 27 00:47	0°M	0 3007	use. Houe	2594 Aug 08 05:29	0.20 25 25 25 25 25 25 25 25 25 25 25 25 25	
morning rise	2589 Nov 28 15:27	21°M51'33			2594 Sep 23 11:34	0° <b>Ω</b>	
morning rise	2589 Dec 10 13:16	0° <b>⊼</b>			2594 Nov 16 18:18	0° m)	
desc. node	2589 Dec 22 08:29	8°×709'08		retrograde	2595 Jan 17 04:22	الابات 17° Mp 24'42	
desc. node	2590 Jan 22 08:59	% ර		opposition	2595 Feb 26 07:50	7° Mp 41'57	4°24'49
		0°≈		* *			
	2590 Mar 04 16:51	0 ≈ 0° <b>H</b>		greatest brilliancy	2595 Feb 26 07:09	7° Mp 42'38	-1.3m 0.67760 AU
	2590 Apr 13 23:08	0 K 0°Υ		min. Earth dist.	2595 Feb 26 07:00	7° Mp 42'47	0.07760 AU
	2590 May 23 21:02			T' 4	2595 Mar 20 23:59	30°RΩ	
	2590 Jul 03 17:25	0° <b>X</b>		direct	2595 Apr 08 01:37	27° <b>Ω</b> 53'59	
	2590 Aug 17 05:51	0° <b>I</b> I			2595 Apr 27 12:06	0° <b>m</b>	
asc. node	2590 Oct 23 23:37	0°506'46		1 1	2595 Jul 09 12:46	0∘ <b>⊽</b>	
	2590 Oct 23 07:41	0.20 0.20		desc. node	2595 Aug 14 05:36	20° <b>Ω</b> 35'56	
retrograde	2590 Nov 05 08:17	1°509'49			2595 Aug 29 08:46	0°M	
	2590 Nov 17 21:09	30°RⅡ			2595 Oct 13 11:37	0° <b>⊼</b>	
min. Earth dist.	2590 Dec 06 05:44		0.53143 AU		2595 Nov 24 03:36	0°る	
opposition	2590 Dec 13 15:28	21° <b>Ⅱ</b> 46'52		_	2596 Jan 02 13:36	0° <b>≈</b>	
greatest brilliancy	2590 Dec 12 22:23	22° <b>Ⅱ</b> 03'11	-2.0m	evening set	2596 Jan 16 02:58	10° <b>≈</b> 34'35	
direct	2591 Jan 17 20:28	13° <b>∏</b> 59'02			2596 Feb 09 18:31	0° <b>∀</b>	
	2591 Mar 17 16:47	0			2596 Mar 18 17:53	$0$ ° $\Upsilon$	

conjunction	2596 Mar 23 13:27	3° <b>Ƴ</b> 46'48	-0°49'41	greatest brilliancy	2601 Jul 03 08:26	10° <b>ರ</b> 00'43 -2.5m
minimum elong	2596 Mar 23 16:45	3° <b>Υ</b> 53'16		min. Earth dist.	2601 Jul 10 02:52	7°る53'51 0.43609 AU
viong	2596 Apr 26 09:45	0°8	0 ., 5,	direct	2601 Aug 06 11:20	3°る06'55
max. Earth dist.	2596 May 12 19:48		2.39831 AU		2601 Oct 17 10:36	0° <b>≈</b>
morning rise	2596 May 31 19:36	26° <b>8</b> 32'12			2601 Dec 01 10:23	0° <b>∀</b>
5 5	2596 Jun 05 13:09	0°II			2602 Jan 12 04:49	0° <b>Υ</b>
asc. node	2596 Jun 14 20:15	6° <b>Ⅱ</b> 44'46				•
	2596 Jul 17 18:45	0ංම				
	2596 Aug 31 14:32	0°N				
	2596 Oct 18 19:26	0° <b>m</b> )				
	2596 Dec 12 17:34	0∘ <mark>ಹ</mark>				
retrograde	2597 Feb 20 13:34	20° <b>£</b> 42'54				
opposition	2597 Mar 31 17:19		3°08'42			
greatest brilliancy	2597 Apr 01 03:49	11° <b>≏</b> 28'57	-1.4m			
min. Earth dist.	2597 Apr 04 12:56	10° <b>Ω</b> 09'41	0.65395 AU			
direct	2597 May 12 04:16	1° <b>≏</b> 36'46				
desc. node	2597 Jul 01 04:14	13° <b>£</b> 50'57				
dese. node	2597 Aug 02 20:29	0°M				
	2597 Sep 20 16:33	0° <b>∡</b> 7				
	2597 Nov 02 10:45	0°පි				
	2597 Dec 12 04:56	0° <b>≈</b>				
	2598 Jan 19 13:18	0° <b>∀</b>				
	2598 Feb 26 16:31	0° <b>Υ</b>				
evening set	2598 Mar 27 21:34	22° <b>Ƴ</b> 36'45				
evening sec	2598 Apr 06 14:19	0°8				
asc. node	2598 May 02 19:39	19° <b>8</b> 36'20				
use. Houe	2598 May 17 01:04	0°Ⅱ				
	2370 May 17 01.01	V <b>A</b>				
conjunction	2598 May 29 23:40	9° <b>Ⅱ</b> 18'27	0°17'16			
minimum elong	2598 May 29 22:32	9° <b>Ⅱ</b> 16′26	0°17'15			
viong	2598 Jun 28 11:53	0°9	0 1, 10			
max. Earth dist.	2598 Jul 06 01:47		2.53222 AU			
morning rise	2598 Jul 25 08:26	18°913'52	2.03222110			
	2598 Aug 12 02:41	0°N				
	2598 Sep 27 20:51	0° mp				
	2598 Nov 16 01:35	0∘ <u>⊽</u>				
	2599 Jan 08 21:26	0°M₊				
retrograde	2599 Apr 03 04:11	27°MJ38'47				
opposition	2599 May 09 22:51	19° <b>M</b> 41'56	0°23'55			
greatest brilliancy	2599 May 10 01:53	19°M39'08	-1.8m			
min. Earth dist.	2599 May 17 05:25	17° <b>M</b> L00'06	0.56623 AU			
desc. node	2599 May 19 02:50	16°ML19'12				
direct	2599 Jun 19 04:28	10°ML08'56				
	2599 Aug 21 05:29	0° <b>∡</b> ¹				
	2599 Oct 08 19:30	0° <b>ට</b>				
	2599 Nov 19 10:42	0° <b>≈</b>				
	2599 Dec 28 18:02	0° <b>\</b>				
	2600 Feb 05 14:55	$0^{\circ}\Upsilon$				
	2600 Mar 17 05:54	0°8				
asc. node	2600 Mar 20 19:32	2° <b>8</b> 39'05				
	2600 Apr 27 09:48	0°II				
evening set	2600 May 26 06:48	20° <b>Ⅱ</b> 15'38				
	2600 Jun 09 11:34	0 - -				
conjunction	2600 Jul 18 02:06	25° <b>©</b> 49'37	0°59'41			
minimum elong	2600 Jul 18 00:49	25°5947'31	0°59'41			
	2600 Jul 24 10:40	$0^{\circ}\Omega$				
max. Earth dist.	2600 Aug 04 12:20	7° <b>Ω</b> 13'25	2.62961 AU			
morning rise	2600 Sep 04 07:14	27° <b>Ω</b> 02'58				
0	2600 Sep 08 22:15	0°m)				
	2600 Oct 26 12:09	0∘ <mark>ಹ</mark>				
	2600 Dec 14 02:21	0° <b>™</b>				
	2601 Feb 02 14:47	0° <b>⊼</b>				
	2601 Mar 31 15:44	0°る				
desc. node	2601 Apr 06 02:08	0 3 2° <b>3</b> 24'59				
retrograde	2601 May 30 13:03	2 82439 16° <b>8</b> 25'50				
opposition	2601 May 30 13.03 2601 Jul 02 03:32	10 <b>3</b> 23 30	-4°24'16			

2601 Jul 02 03:32

opposition

10°**ට**23'28 -4°24'16